California Environmental Quality Act

Final Initial Study/Mitigated Negative Declaration

Riverdale High School Facility Improvements

State Clearinghouse (SCH) Number: 2025010373

Lead Agency and Project Sponsor

Riverdale Joint Unified School District

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Executive Summary

The Riverdale Joint Unified School District (District) proposes to construct and operate new school facilities on 21.5 acres west and north of the intersection of S. Hazel Avenue and Stathem Street in the unincorporated community of Riverdale, Fresno County, California (APN: 053-130-12T and 053-130-82T). The proposed project would be constructed in three phases.

In Phase 1 the existing football/soccer stadium and track would be remodeled, consisting of approximately 7.34 acres. This would include be demolition of the existing stadium, regrading and planting with turf grass, a rubber track, throwing and jumping track facilities, lighting, bleachers, perimeter fencing, landscaping. A new 1,650 sq. ft. building would be constructed to house a training room, snack bar, ticket window, and toilet facilities. New and replaced utilities would be connected to existing campus mains along Hazel Avenue. The adjacent existing parking lot (1.56 acres) at the northwest of the campus would be reconstructed. Soil removed from the existing stadium berms would be stockpiled to be used as fill for the following Phase 2.

Phase 2 would construct approximately 5.87 acres of new multi-use athletics fields at the north of the campus, including new irrigation systems and twelve (12) 30-ft tall 'practice' light poles. The existing campus Ag Barn and surrounding campus ag education facilities would be demolished and cleared, as well as commercial agricultural land owned and leased out by the District. Road improvements would be made to Hazel Avenue, starting at the intersection of Stathem Street and S. Hazel Avenue. Road improvements would extend north for approximately 710 feet, including approximately 62 roadside parking stalls and new sidewalk on the east side of S. Hazel Avenue. Approximately 660 feet of overhead electrical utilities along the north side of the parking lot to the north side of the new stadium would be removed and replaced with underground electrical lines. A new electrical transformer and irrigation control station would be installed at the west or southwest corner of the parking lot, or the southwest corner of the existing practice baseball/softball fields. The capacity of the existing stormwater basin (7.11 acre-feet) would be expanded by about 5.31 acre-feet to provide a total storage of about 12.42 acre-feet.

Phase 3 would construct an approximately 18,470 sq. ft Agricultural Education Barn on an approximately 3.34-acre facility surrounded by gravel access roads, pastures, orchards, chicken hutches, and a shade structure. Utilities for electrical, water, and sewer would be connected to existing mains under Hazel Avenue. This facility would be constructed north of the proposed multi-use athletics fields. Parking, sidewalk, and landscaping improvements would also be made to the newly extended portion of Hazel Avenue. This facility would be constructed by clearing existing farmland owned by the District.

The conclusions of the Initial Study are as follows:

1. The Initial Study identified potentially significant environmental effects of the proposed project in the following subject areas: biological resources, cultural resources, geological resources, greenhouse gases, utilities, tribal cultural resources, and mandatory findings of significance. The District can avoid or reduce these impacts to an insignificant level by incorporating the mitigation measures listed in Table 1 below.
2. The proposed project would have a less than significant impact or no impact on many of the environmental resources and conditions evaluated in the Initial Study. The Initial Study explains why there would be no impacts, or why the impacts would be less than significant.
3. Based on items 1 and 2, above, the District should adopt a Mitigated Negative Declaration for the proposed project.

Table 1.
Summary Table of Mitigation Measures

BR-1	**Mitigation Measure BR-1 Nesting Bird Avoidance and Minimization.** Construction activity should be limited to the non-nesting bird season. The nesting bird season is between February 1st and August 31st. If construction should occur during the nesting bird season, then a pre-construction nesting bird survey should be conducted to identify any active bird nests within the project area. The survey area should include a buffer area approximately 250' from potential nest sites (e.g., trees and light poles). If an active nest is observed, then one or more of the following actions shall occur: • A 250' buffer around an active bird nest protected by the MBTA should be implemented. • A 500' buffer should be implemented around an active raptor nest (e.g., Red-Tailed Hawk, Red-Shouldered Hawk, etc.). • A 0.5-mile buffer around an active Swainson's Hawk nest. Additionally, a qualified biologist should be present to monitor the Swainson's Hawk nest to determine if construction activity is negatively affecting nesting behavior. • If a buffer is not feasible, then a qualified biologist should regularly monitor active nests and shall stop construction if construction activity is negatively affecting the active bird nest. A buffer may still be required for an active Swainson's Hawk nest. • A hybrid approach may be used where a buffer is set around an active bird nest until construction is required near the nest. At this point, a qualified biologist may start to monitor the bird nest. • No bird nests shall be destroyed during the nesting bird season or when the nest is active.
BR-2	**Mitigation Measure BR-2 Burrowing Owl Surveys.** Prior to the initiation of ground-disturbing activities, a qualified biologist shall conduct protocol-level burrowing owl surveys in accordance with CDFW's *Staff Report on Burrowing Owl Mitigation* (California Department of Fish and Game, 2012). Surveys will be conducted at appropriate seasonal windows to assess presence of burrowing owl within suitable habitat. The surveys will cover the construction footprint of the upcoming phase to be initiated and a 150-meter (approximately 500-foot) buffer zone around the perimeter of the footprint.
BR-3	**Mitigation Measure BR-3. Burrowing Owl Avoidance and Minimization.** If burrowing owls are detected during pre-construction surveys, then burrowing owl avoidance and minimization measures following CDFW's *Staff Report on Burrowing Owl Mitigation* shall be implemented. During the nesting season (February 1 through August 31) occupied burrowing owl burrows shall be avoided and will not be disturbed unless it is verified that either the birds have not begun egg-laying and incubation or the juveniles from the occupied burrows are foraging independently and are capable of independent survival without further parental care. If burrowing owl avoidance is not feasible, the project applicant shall implement additional mitigation measures, such as passive relocation, in consultation with CDFW, to minimize potential impacts to the species.

BR-4	**Mitigation Measure BR-4 General Wildlife Impact Mitigation.** Excavation work deeper than 2' should include a means of escape for wildlife, such as using a plywood ramp or a similar structure. Trapped animals should be allowed to leave on their own; however, if the animal is not able to, the California Department of Fish and Wildlife shall be contacted for assistance with removing the animal. All trash is disposed of and stored properly to avoid attracting animals that may pass through the site.
CULT-1	**Mitigation Measure CULT-1 Full-Time Archaeological Monitoring.** Due to the known sensitivity of the Project area, a qualified archaeologist shall monitor ground-disturbing activities during all phases of the proposed Project. The archaeologist will coordinate with the Tribal monitor (if available), construction contractor, and RJUSD representatives to determine the grading schedule, sensitivity training needs, and procedures to follow if inadvertent finds are discovered. Monitoring shall continue until all ground-disturbing activities for each phase are complete or as otherwise agreed upon in writing by the project archaeologist, any involved SRR Tribal representative(s), and RJUSD. RJUSD shall contract with a qualified firm to ensure an archaeological monitor will be on site during all ground-disturbing activities in areas of high concern. These activities include: • Excavation of the existing soil berm of the stadium; • Trenching or excavation for utilities deeper than 1.5 foot below the existing ground surface in all Project areas; • Excavation of the stormwater basin; • Initial earthwork for the multi-use athletics fields in undeveloped farmland, until soil import activities have concluded; and • All earthwork for the agricultural barn in undeveloped farmland. The archaeological monitor shall have the authority to temporarily halt or redirect construction activities if potentially significant cultural resources are encountered. If such resources are identified, all earthwork in the vicinity shall cease, and Mitigation Measures (MM) CULT-5 and TC-3 shall be implemented. If no SRR tribal representative is available or present during earthwork, the archaeological monitor shall also monitor for the presence of tribal cultural resources (TCRs).
CULT-2	**Mitigation Measure CULT-2 Part-Time Archaeological Monitoring.** In addition to CULT-1, areas of moderate concern shall also be monitored by a qualified archaeologist who, in coordination with the Tribal monitor (if available), will conduct periodic spot-check monitoring of earthwork activities including: • Grading for the redevelopment of the stadium; • Grading for the redevelopment of the parking lot; • Grading for the redevelopment of South Hazel Avenue; and • Grading of the multi-use athletics fields, after soil import has concluded.

	The frequency and schedule of spot-check monitoring shall be determined in consultation with any involved SRR Tribal monitor/representative prior to the start of construction, based on the sensitivity of the area and the scope of ground disturbance. The archaeological monitor shall have the authority to temporarily halt or redirect construction activities if potentially significant cultural resources are encountered. If any potentially significant cultural resources are discovered, all work in the vicinity area shall cease, and MM CULT-5 and TC-3 shall be implemented. If no SRR tribal representative is available or present during earthwork, the archaeological monitor shall also monitor for the presence of TCRs.
CULT-3	**Mitigation Measure CULT-3 Worker Environmental Awareness Program.** A Worker Environmental Awareness Program shall be conducted prior to any ground-disturbing activities. The purpose of the training is to educate the construction crew and establish protocols for treating unanticipated cultural resource finds. The project archaeologist shall provide cultural resources awareness training to all construction personnel. This training will include descriptions of the types of resources that may be found in the Project area, the protocols to be used in the event of an unanticipated discovery, provide contact information for the archaeological firm and the monitoring Tribe, and identify the laws protecting significant archaeological and historical resources. The archaeological firm will coordinate with any involved Tribal monitor to include any additional concerns in the workers environmental training program presentation, to temporarily provide information to construction personnel should a representative not be immediately available to provide the Tribal training in MM TC-3. Such concerns could include Assembly Bill 52 (AB 52) requirements, laws and regulations, respect for Tribal requests, the ability to temporarily redirect construction traffic by both cultural monitors, and any other concerns as applicable. The training may be provided via a pre-recorded video or given on site by the archaeologist as needed and will be conducted in coordination with the Tribal training required in MM TC-5, and attendance shall be documented by sign-in sheets or equivalent verification. Documentation shall be submitted to the District prior to the commencement of ground disturbance and included in reports prepared pursuant to MM CULT-6. For the purposes of this measure, “construction personnel” includes contractors, subcontractors, equipment operators, laborers, and supervisory staff engaged in or overseeing ground-disturbing activities. The term does not include delivery drivers, vendors, furniture installers, or other workers whose on-site presence is limited to short-term tasks outside of ground-disturbance areas. This training requirement applies only during the period in which ground-disturbing activities occur. Once all earthwork is complete, additional trainings for new personnel is not required.
CULT-4	**Mitigation Measure CULT-4 Monitoring Plan.** Archaeological and any Tribal monitoring methods and procedures shall be documented in a Cultural Resource Monitoring Plan (CRMP). At least 30 days prior to construction of the Project’s first phase, the project archaeologist, in coordination with any involved Tribal monitor, will begin preparing the CRMP. The CRMP shall be approved by the RJUSD at least 5 days prior to the start of construction and a final copy maintained on site throughout construction activities. The CRMP will cover all phases of Project development and, at a minimum, outline the project schedule, define the areas to monitor, identify the roles of the archaeologist and any involved Tribal monitor/representative, provide contact information, review

	safety procedures, and discuss the procedures to follow in the event of a cultural resource discovery.
CULT-5	**Mitigation Measure CULT-5 Unanticipated Discoveries.** If any cultural materials are identified, the archaeologist should temporarily halt the ground disturbance within 100 feet of the find(s) and notify any involved Tribal monitor and on-site supervisor. The archaeologist, in coordination with the Tribal monitor, shall assess the find to determine if materials are isolated or part of a larger archaeological deposit. If an archaeological site is identified, the resource should be evaluated for significance under CEQA criteria and further treatment measures may be required. The evaluation shall consider the resource's eligibility and its potential as a TCR under PRC Section 21074. If the resource(s) is determined to be a TCR, procedures outlined in the CRMP and MM TC-3 will be followed. Should the discovery be identified as human remains, procedures outlined in California Health and Safety Code 7050.5 will be followed.
CULT-6	**Mitigation Measure CULT-6 Monitoring Report.** A monitoring report shall be prepared by the project archaeologist within 60 days of completion of all construction monitoring for each phase of Project development. The reports will, at a minimum, describe the methods of monitoring, discuss any cultural resources discovered and how they were managed, include an evaluation of eligibility for the discovered resources, if applicable; provide a list of involved personnel; and provide any additional recommendations if appropriate. Once each report has been finalized, the archaeologist will prepare final digital submissions for RJUSD and the monitoring Tribe. The archaeological firm will also submit digital copies to the SSJVIC.
GEO-1	**Mitigation Measure GEO-1 Inadvertent Paleontological Resource Discovery.** If paleontological resources are inadvertently discovered during ground-disturbing activities, all work within 50 feet of the discovery shall be halted, and the construction supervisor shall immediately notify the lead agency and retain a qualified paleontologist who meets the standards of the Society of Vertebrate Paleontology (SVP 2010) to evaluate the find. The paleontologist shall assess the significance of the discovered resource in accordance with CEQA Guidelines Section 15064.5 and SVP guidelines. If the find is determined to be a significant paleontological resource, the paleontologist shall develop and implement a treatment plan in consultation with the lead agency. The treatment plan may include, but is not limited to, recovery and curation of the resource at an accredited repository, documentation of the find, and preparation of a report summarizing the methods and results of the recovery. Ground-disturbing activities in the vicinity of the discovery shall not resume until the paleontologist determines that the site has been appropriately managed and cleared for continued work.
GHG-1	**Mitigation Measure GHG-1 Natural Gas Prohibition.** Building mechanical equipment and appliances shall be electrically powered. The installation of natural-gas service/infrastructure shall be prohibited.

TC-1	**Mitigation Measure TC-1 Full-Time Earthwork Tribal Cultural Resource Monitoring.** To avoid potential impacts to TCRs, a qualified Tribal monitor from the SRR, if available, shall be retained by RJUSD. The Tribal monitor shall be present to observe all ground-disturbing activities in areas of high concern of all phases, including, but not limited to, grading, excavation, trenching, and augering. If a Tribal monitor is temporarily unavailable, earthwork in high-potential areas shall not proceed unless: (a) a Tribal monitor has conducted a pre-activity inspection (spot check) and cleared the work area, or (b) the qualified archaeological monitor required by MM CULT-1 is present on site. The requirement for Tribal monitoring shall be noted on all construction documents for all phases and verified by RJUSD prior to the commencement of ground-disturbing activities for all phases. If initiated by SRR, monitoring shall continue until all ground-disturbing activities for each phase are complete or as otherwise agreed upon in writing by any involved Tribal representative(s), project archaeologist, and RJUSD. The areas of high concern include: • Excavation of the existing soil berm of the stadium; • Trenching or excavating for utilities deeper than 1.5 foot below the existing ground surface in all Project areas; • Excavation of the stormwater basin; • Initial earthwork for the multi-use athletics fields in undeveloped farmland, until soil import activities have concluded; and • All earthwork for the agricultural barn in undeveloped farmland. Any involved Tribal monitor shall have the authority to temporarily halt or redirect construction activities if potentially significant TCRs are encountered. If such resources are identified, all earthwork in the vicinity shall cease, and MM TC-3 and CULT-5 shall be implemented. All phases of earthwork monitoring shall be documented in a CRMP developed in coordination with the SRR and the qualified project archaeologist as required by CULT-4, and maintained on site. Monitoring documentation shall be submitted to the RJUSD upon completion of ground-disturbing activities for each phase (MM CULT-6). If SRR tribal monitors are not available to monitor earthwork as described above, the project archeologist shall be responsible for monitoring for tribal cultural resources, as described in TC-1 and TC-2.
TC-2	**Mitigation Measure TC-2 Spot-Check Earthwork Tribal Cultural Resources Monitoring.** In addition to TC-1, areas of moderate concern will also be monitored by a retained SRR monitor if available, who, in coordination with the archaeologist, will conduct periodic spot-check monitoring of earthwork activities including: • Grading for the redevelopment of the stadium; • Grading for the redevelopment of the parking lot; • Grading for the redevelopment of South Hazel Avenue; and • Grading of the multi-use athletics fields, after soil import has concluded. The frequency and schedule of spot-check monitoring shall be determined in consultation with any involved project tribal monitor prior to the start of construction, based on the sensitivity of the

	area and the scope of ground disturbance. Any involved Tribal monitor shall have the authority to increase the frequency of monitoring if site conditions indicate a higher potential for encountering TCRs. If any potentially significant TCR are discovered, all work in the vicinity area shall cease and MM CULT-5 and TC-3 shall be implemented. If SRR tribal monitors are not available to monitor earthwork as described above, the project archeologist shall be responsible for monitoring for tribal cultural resources, as described in TC-1 and TC-2.
TC-3	**Mitigation Measure TC-3 Unanticipated Discovery of Tribal Cultural Resources.** If TCRs including human remains, cultural materials, features, or artifacts are discovered during ground-disturbing activities, all work within 100 feet of the discovery shall immediately cease. The construction contractor shall immediately notify the construction manager, any involved Tribal monitor (as identified in TC-1 and TC-2), the SRR cultural department, and the qualified archaeologist as required in CULT-1. The significance of the discovery shall be evaluated by the qualified archaeologist in consultation with any involved Tribal monitor, and/or any available SRR cultural representatives. The evaluation shall consider the resource's eligibility for listing in the CRHR and its potential as a TCR under PRC Section 21074. If the resource is determined to be a TCR or otherwise significant under CEQA, the construction manager shall implement a treatment plan developed in consultation with the SRR Tribal representative(s), the RJUSD, and the qualified archaeologist. The treatment plan may include preservation in place, if feasible, or respectful recovery and reburial in accordance with Tribal protocols. Construction activities may resume in the affected area only after the RJUSD, in consultation with the archaeologist and Tribal representative(s), determines that appropriate mitigation has been implemented.
TC-4	**Mitigation Measure TC-4 Tribal Cultural Resources Curation Agreement.** At least 30 days prior to the commencement of any construction activities, the RJUSD shall provide a signed Curation and Treatment Agreement with the SRR, a California Native American tribe traditionally and culturally affiliated with the Project area. The agreement shall establish protocols for the respectful treatment, temporary storage, and long-term curation or reburial of any TCRs that may be collected during ground-disturbing or other construction activities where preservation in place is determined not to be feasible pursuant to MM TC-3. The agreement shall include, but not be limited to: Recognizing SRR's role as the appropriate entity for determining the treatment and disposition of recovered TCRs; Allowing SRR to take possession of recovered materials for reburial or curation in accordance with their customs, protocols, and applicable laws; and Providing culturally appropriate documentation that respects the confidentiality and sensitivity of TCRs, consistent with PRC Sections 21083.2 and 21084.3.

	Evidence of the signed agreement shall be documented by RJUSD prior to any ground disturbance. Final disposition of any TCRs shall occur in accordance with the terms of the agreement and be documented in the final report for the appropriate phase per MM CULT-6.
TC-5	**Mitigation Measure TC-5 Pre-Construction Tribal Cultural Awareness Training.** Prior to any ground-disturbing activities of each phase, RJUSD, in coordination with the Construction Manager, any involved tribal monitor, and the project archaeologist, shall ensure that all construction personnel who are involved in supervising or regularly working within areas of ground disturbance attend a Tribal Cultural Awareness Training conducted by a representative of the SRR, if available. If available, training shall be conducted in person before ground-disturbing activities commence. After the initial training and commencement of ground-disturbing activities, any new on-site personnel, either from a current or new construction company, who regularly works within areas of ground disturbance, are also required to attend an in-person Tribal Cultural Awareness Training if SRR tribal cultural staff are available. Attendance for all Tribal Trainings shall be documented via sign-in sheet, and a copy shall be submitted to RJUSD and the archaeological consultant to include in the report(s) per MM CULT-6. The District will be responsible for all construction personnel taking both the archaeological and Tribal awareness trainings. For the purposes of this measure, "construction personnel" includes contractors, subcontractors, equipment operators, laborers, and supervisory staff engaged in or overseeing ground-disturbing activities. The term does not include delivery drivers, vendors, furniture installers, or other workers whose on-site presence is limited to short-term tasks outside of ground-disturbance areas. The Tribal Cultural Awareness Training shall inform on-site personnel, at a minimum, of the following: • Respect for TCRs; This Project area may contain TCRs, which are places or objects of cultural and spiritual importance to the SRR. Protecting these resources is required by law and is a condition of the Project. • Examples of TCRs, which include the following but are not limited to, stone tools, flakes from tool-making, bone, shell, pottery fragments, hearths, dark soil with organic material, viewsheds, and ancestral remains. • Legal protections addressing TCRs and their protection under CEQA and Public Resources Code Sections 21083.2 and 21084.3. This must also include that it is illegal to remove, damage, or ignore TCRs. • Discovery procedures including: (1) If you see anything that looks unusual, stop work immediately in that area and notify the supervisor in charge. (2) The Project Archaeologist and Tribal Monitor will determine the next steps. (3) Do not touch, move, or collect any potential cultural materials. • The role of the Tribal Monitor and their presence on site. The SRR monitor represents the Tribe and has authority to stop work if a resource is found. Their instructions must be respectfully followed. In the event that a SRR representative is not on site to provide the Training, the new construction personnel must take the archaeological workers environmental training program training in MM CULT-3 and be scheduled to take the SRR Training within 5 days of their first day of work on site. If SRR cultural staff is not available to provide an in-person training within 5 days of a new

	construction personnel working on-site, the archeological training as described in CULT-3 shall act as a substitute. This training requirement applies only during the period in which ground-disturbing activities occur. Once all earthwork is complete, additional trainings for new personnel are not required.

A. Project Background Information

1. Project Title, Lead Agency, and Lead Agency Contact Information

- Project Title: Riverdale High School Facilities Improvements
- Lead Agency: Riverdale Joint Unified School District
- Contact: Jeff Percell
  Superintendent
  PO Box 1058
  Riverdale, CA 93656
  Telephone: (559) 867-8200
  Email: jpercell@rjusd.org

2. Project Location

The project site is located at 3086 West Mt. Whitney Avenue, Riverdale, California, on 21.5 acres north and east of the intersection of Mt. Whitney Avenue and S. Hazel Avenue in the unincorporated community of Riverdale, Fresno County, California. The project site location and site plans are displayed in Figures 1, 2, 3, and 4.

Table 2
Project Location

City	Riverdale, an unincorporated community
County	Fresno
Zip Code	93656
Assessor's Parcel Number	APN: 053-130-12T and 053-130-82T
Nearest Existing Major Cross Streets	Mt. Whitney and S. Hazel Avenue
Elevation	Approximately 223 ft. AMSL
USGS Map	Riverdale
Section, Township & Range	Section 24, Township 17S, Range 19E
Latitude/Longitude	36° 26' 2.913" N, -119° 51' 17.954" W

Figure 1: Location Map

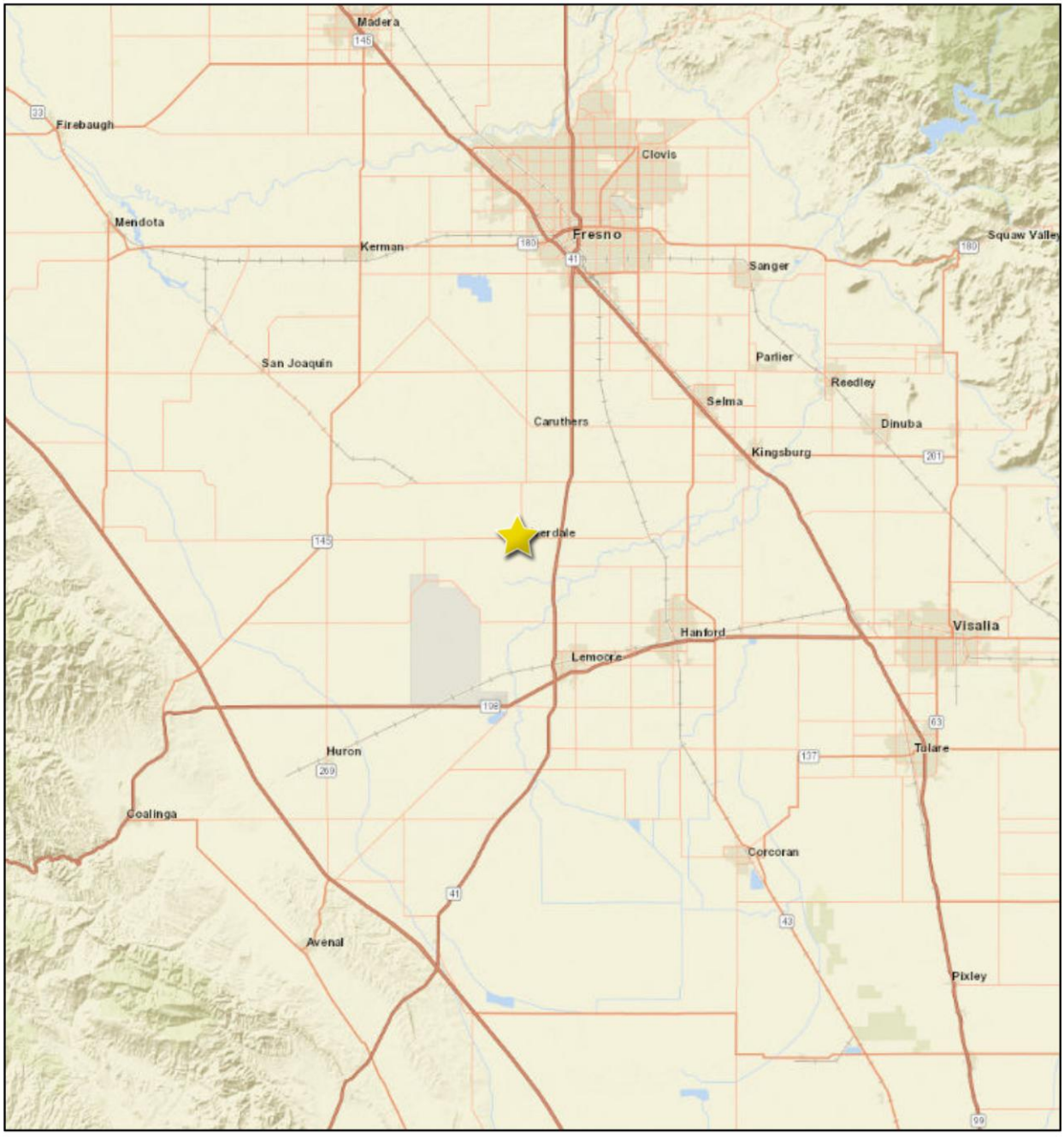


Figure 2: Vicinity Map

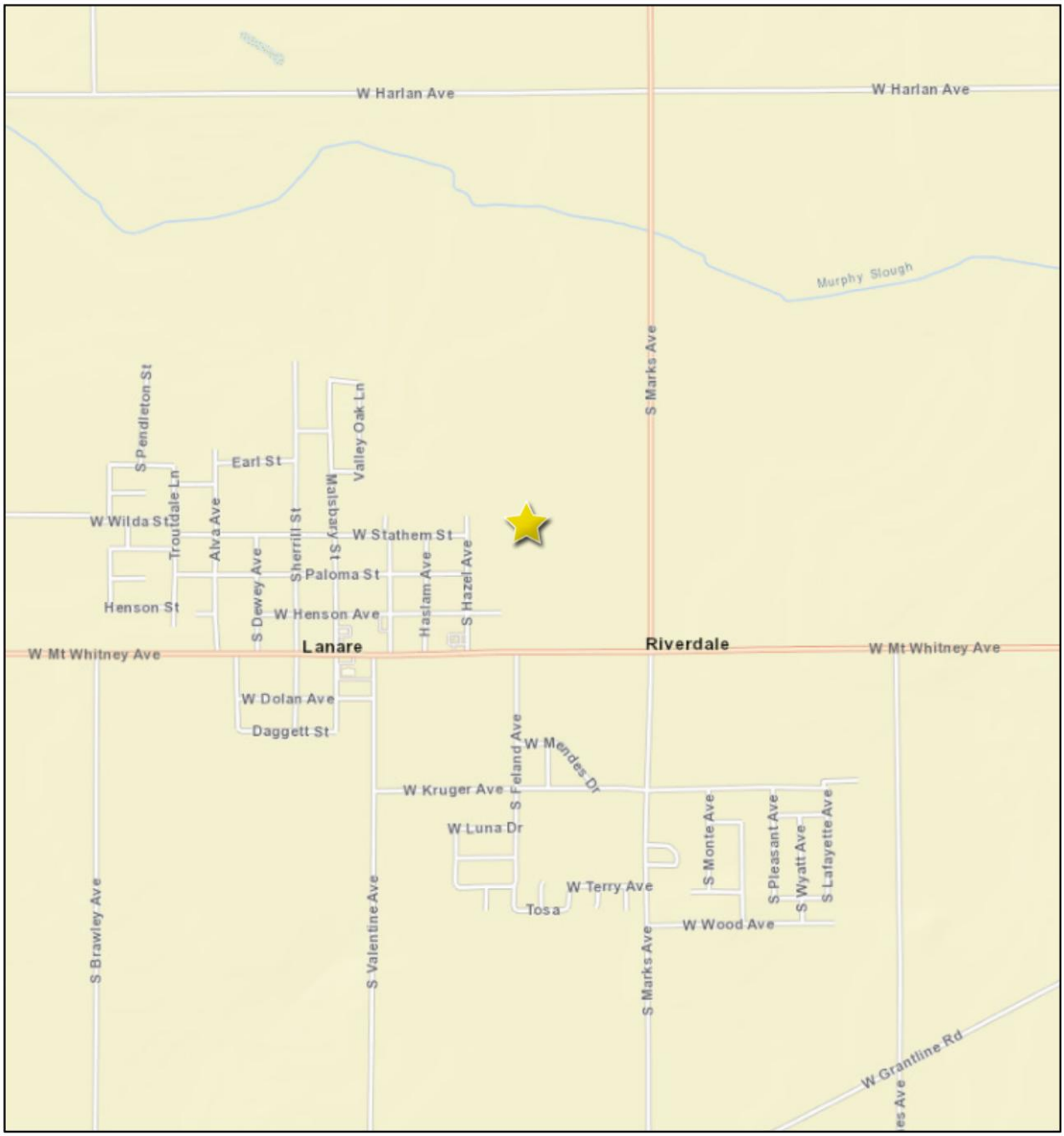


Figure 3: Proposed Project Phases

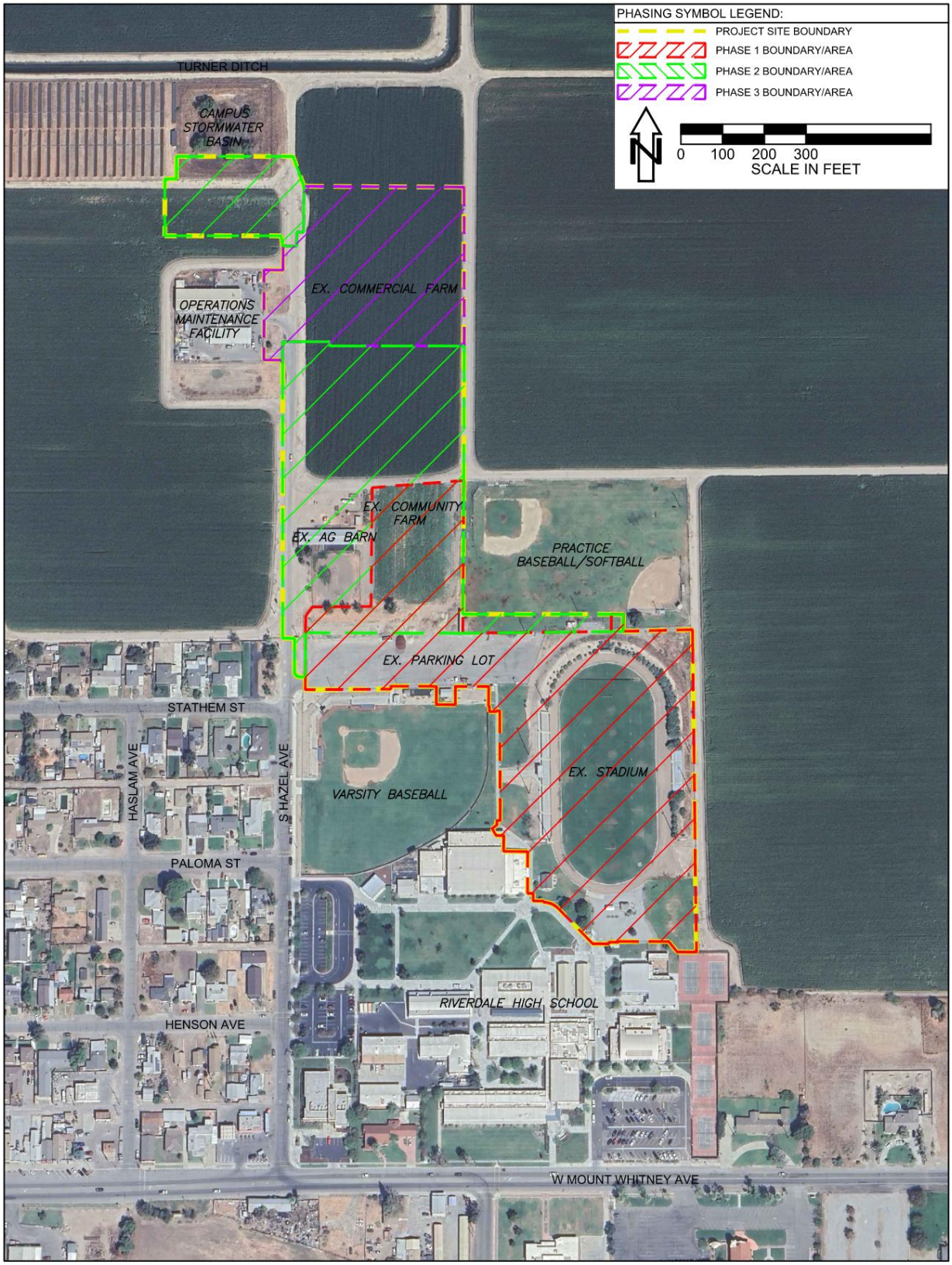
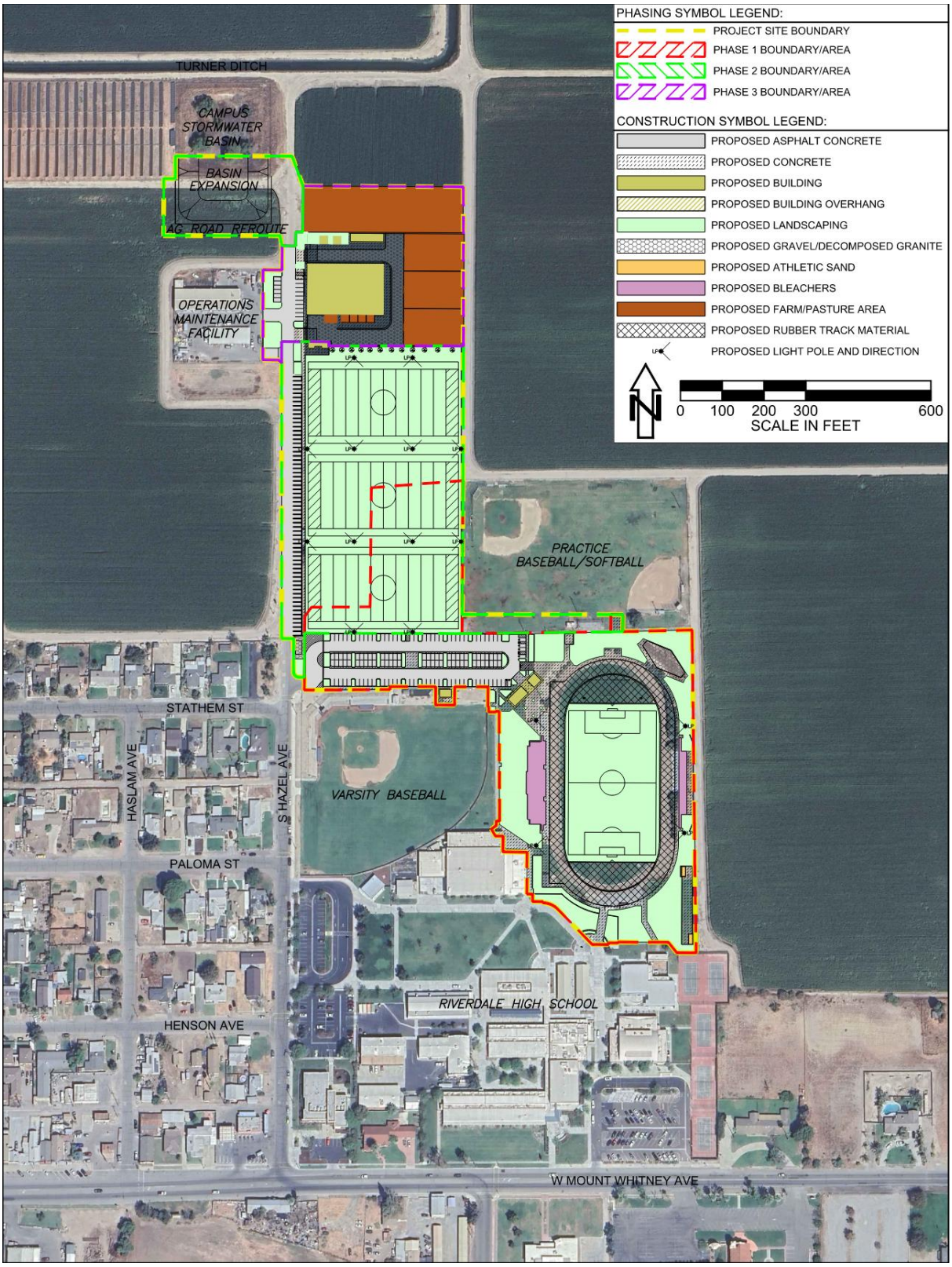


Figure 4: Proposed Project Site Map



3. Project Description

The project site is located on 21.5 acres northeast of the intersection of W. Mt. Whitney Avenue and S. Hazel Avenue in the Census-designated community of Riverdale, CA, in Fresno County (County), California (APN: 053-130-12T, and 053-130-82T). The Project Location and Vicinity can be seen in Figures 1 and 2.

The Riverdale Joint Unified School District (District) proposes renovating the football/soccer and track stadium, reconstructing a parking lot, constructing new community multi-use athletic fields (aka "community fields"), reconstructing the Agriculture Barn Education Facility (Ag Barn), improving a section of S. Hazel Avenue, and expanding an existing campus stormwater basin. Work would be completed in three phases. The exact division of work to be completed in each phase is unknown and would depend on available funding and construction costs. The most likely division and phasing of work as described below is analyzed in this initial study.

Phase 1 would renovate the existing high school football/soccer and track stadium and reconstruct a parking lot. Phase 2 would construct three new multi-use athletic fields, demolish the existing Ag Barn building, expand the campus stormwater basin, and rebuild a portion of Hazel Avenue, including sidewalk and roadside parking stalls. Phase 3 would construct a new Agriculture Education Barn facility and finalize the reconstruction of S. Hazel Avenue to the proposed Ag Barn. Details of the project site and the proposed project are shown in Figures 3 and 4, and are described as follows:

Phase 1 – Football/Soccer Stadium and Track Remodel

The Phase 1 site is on approximately 10.98 acres. The remodeled football/soccer stadium and track would comprise approximately 7.34 acres, parking lot reconstruction would comprise 1.56 acres, and a staging area/soil fill area would comprise 2.08 acres.

Stadium remodeling would include removing the existing soil berms and trees surrounding the track, demolition of stadium seats (with approximately 2,000 home and 500 visitor bench seats), an existing snack bar building, and an existing pump house building. An inactive water well in the pump house would be destroyed, in accordance with County of Fresno Department of Public Health standards. Stadium improvements would include new aluminum stadium bleacher stands, regrading and planting of the football/soccer field, a 9-lane rubber-surface 400-meter track, and field facilities (including long jump, triple jump, high jump, shot put, and discus), stadium perimeter fencing, and landscaping improvements. A new 1,650 sq. ft. building that houses a training room, snack bar, ticket window, and toilet facilities would be constructed. Eight (8) existing 70-foot-tall stadium lights would be removed and replaced with four (4) 90-foot-tall stadium lights.

The existing north campus parking lot would be demolished and reconstructed. The design would include five (5) accessible parking stalls, new valley gutters and drain inlets, up to twelve (12) 15 to 20-foot-tall parking lot light poles, and tree planters. An existing bathroom immediately south of the parking lot would be demolished and replaced with a new 520 sq. ft. bathroom building. New utilities, including electrical, sewer, water, storm drain, and irrigation for the stadium and parking lot, would be installed and connected to the existing campus utility systems.

The contractor would clear farmland located north of the existing parking lot for use as a staging area and temporarily store soil from the existing soil berms surrounding the stadium. This soil would be used as fill for the proposed Phase 2 multi-use athletics fields.

Phase 2 – Multi-Use Community Athletic Fields

The Phase 2 site is on approximately 8.76 acres. Phase 2 site work includes approximately 5.87 acres of new multi-use athletic fields, approximately 1.08 acres for initial improvements to reconstruct a portion of Hazel Avenue, approximately 1.42 acres for expansion of the campus stormwater basin and rerouting of an existing dirt farm road, and approximately 0.38 acres to underground existing overhead electrical lines. These site areas are located north of the existing parking lot and west of the existing baseball/softball practice fields.

The existing Ag Barn (5,070 sq. ft.) and surrounding area would be demolished and cleared to construct the new multi-use fields. Further north, approximately 2.65 acres of agricultural land (owned and leased out by the District), currently planted in wheat, would be cleared. Soil removed from the Phase 1 stadium berms, and from off-site import would be used as fill for the multi-use athletics field area to raise the proposed ground elevation approximately 0.5 to 2 feet above the existing ground surface level. The multi-use athletics fields would be planted with turf grass and include twelve (12) 30-ft tall pole 'practice' lights, electrical systems, irrigation systems, and a tree row at the northern end of the new fields. New connections for irrigation water would be constructed and connected to the existing water line under S. Hazel Avenue or to water pipelines constructed during Phase 1. Approximately 685 feet of new electrical conduit would be added from the intersection of Stathem Street and S. Hazel Avenue and extend north to power the multi-use fields. A community toilet building (620 sq. ft.) would be constructed at the northwest corner of the new multi-use athletics fields and connected to the existing sewer main under Hazel Avenue. The toilet building would serve the community fields and the Phase 3 Ag Barn.

Phase 2 would also include road improvements to Hazel Avenue and a new parking lot on 1.08 acres of land owned by the District, starting at the intersection of Stathem Street and S. Hazel Avenue, extending approximately 710 feet north to the north extent of the proposed multi-use athletics fields. The new parking lot with 62 parking stalls and stormwater drain inlets is planned on the east side of S. Hazel Avenue to serve the multi-use athletics fields. These parking stalls would be oversized for large vehicle parking, 10 feet wide x 20 feet deep. Approximately 710 feet of new sidewalk would be constructed on the east side of S. Hazel Avenue. This section of S. Hazel Avenue would likely not receive road finishes, as the road would be damaged by traffic during the construction of the Phase 3 Ag Barn. The area of S. Hazel Avenue proposed to be constructed during Phase 2 is anticipated to be finished with a final seal coat at the end of Phase 3 after the Ag Barn has been constructed.

Approximately 660 feet of overhead electrical utilities spanning west to east from S. Hazel Avenue along the north side of the parking lot to the north side of the stadium would be removed and replaced with underground electrical lines. A new electrical transformer and irrigation control station would be installed at the west or southwest corner of the parking lot, or the southwest corner of the existing practice baseball/softball fields that are located immediately north of the stadium.

At the start of Phase 2, the existing stormwater basin would be excavated to expand its capacity for additional stormwater runoff; a dirt farm road would be rerouted around a new fence south of the basin. The existing basin with approximately 7.11 acre-feet of storage volume would be expanded by approximately 5.31 acre-feet, yielding a total of approximately 12.42 acre-feet of available storage. This design would provide storage adequate to contain stormwater runoff generated from the project and the greater existing Riverdale High School campus up to a 100-year 10-day storm event. To accomplish this, approximately 5.31 acre-feet (231,300 cu-ft) of soil would be excavated and used as fill for the multi-use athletics fields.

Phase 3 – New Ag Barn Facility

Phase 3 is approximately a 4.94-acre site. Phase 3 would construct a new Ag Barn Facility (3.34-acres) located across S. Hazel Avenue from the existing Maintenance Operations Facility, 0.52 acres of road, parking, sidewalk,

and landscaping improvements to S. Hazel Avenue immediately west of the Ag Barn, and complete finishing work on S. Hazel paved during Phase 2.

As planned, the Ag Barn building is approximately 18,470 sq. ft. and would be used for housing animals for educational purposes. The size of the Ag Barn building may be reduced to align with available funding. The surrounding facility would include about 12 parking stalls, concrete sidewalks, gravel access roads, and landscaped areas. Based on available funds, chicken hutches, a shade structure, orchards, and a pasture field may be constructed. Approximately 3.25 acres of land currently planted as wheat fields (owned and leased by the District) would be cleared to construct the new Ag Barn Facility. Sewer, water, electrical, and stormwater utility connections would be made to mains located under S. Hazel Avenue.

4. Project Design Standards

State of California

The primary agency responsible for project design standards is the Division of State Architects (DSA). DSA requires compliance with the 2022 California Building Standards Code (Title 24), including:

- Part 1 – California Administrative Code (DSA administrative procedures),
- Part 2 – California Building Code,
- Part 3 – California Electrical Code,
- Part 4 – California Mechanical Code,
- Part 5 – California Plumbing Code,
- Part 6 – California Energy Code, Part 9 – California Fire Code,
- Part 11 – California Green Building Standards Code (CALGreen),
- Part 12 – California Referenced Standards Code.

Fresno County

While the County of Fresno is not responsible for reviewing the project plans, the project would also be designed to comply with relevant County of Fresno ordinances and standards. Relevant ordinances and standards to the project include:

- Fresno County Public Improvement Standards and Section 855 Property Development Standards, for stormwater basin design standards.
- Fresno County Noise Control Ordinance Chapter 8.40.
- Fresno County Department of Public Health Well Destruction Requirements (including Division of Water Resources Water Well Standards Bulletin 74-91 and 74-90, and subsequent revisions).

5. Actions Required to Implement the Project

The District must undertake the following actions to implement the project:

- Complete Evaluation and Clean-up of School Site Process. Review Phase 1 Environmental Site Assessment and determine if a Preliminary Environmental Assessment (PEA) is needed. The Department of Toxic Substances Control (DTSC) will issue either a “No Action” determination or require a Preliminary Environmental Assessment (PEA) to evaluate the proposed site for threats to human health or the environment. The District would implement any measures required by DTSC.
- Plan Review and Approval from the Division of State Architects (DSA).
- Complete the California Environmental Quality Act (CEQA) process for the project by adopting a mitigated negative declaration for the project.
- Adopt and implement the Mitigation Monitoring and Reporting Program (MMRP) identified in Section F of this Initial Study.
- Approve the project.
- Receive a well destruction permit from Fresno County.
- Submit a Notice of Non-Applicability (NONA) to the State Water Resources Control Board (SWRCB).
- Receive Indirect Source Review (ISR) Air Impact Assessment (AIA) approval letter from the San Joaquin Valley Air Pollution Control District (SJVAPCD)
- Receive Dust Control Plan (DCP) approval from the SJVAPCD.

6. Project Schedule

The construction of the project is estimated to start in October 2025 and be completed in November 2028. Phase 1 construction is expected to occur between October 2025 through September 2026, Phase 2 is expected to occur between June 2026 through May 2027, and Phase 3 is expected to occur between June 2027 through November 2028.

7. Project Setting

a) Existing Land Uses

The project site encompasses a 21.5-acre area, which includes existing athletic facilities, a parking lot, an educational agricultural barn, agricultural fields, a private road, and a stormwater basin. The project area is owned by the Riverdale Joint Union School District, and the agricultural fields are leased out to be used for crop farming. The athletic facilities are a part of the adjacent Riverdale High School and are used for athletics, entertainment, and academic purposes.

b) Public Land Use Policies

The project is not within an incorporated city and is therefore subject to the County of Fresno public land use policies. The subject parcels are designated as Limited Agriculture and may be developed, provided the proposed development is consistent with existing community plans (County of Fresno, 2024). The Riverdale Community Plan suggests that a public park located in the vicinity of the project site would be an asset to the community (County of Fresno, 2013). Agricultural Limited use parcels are permitted for Animal Use, which includes the raising of livestock for school projects, which would occur at the new ag barn (County of Fresno, 2024). Additionally, nonresidential uses, such as a new educational ag barn, may be built on Limited Agricultural zoned land with ministerial approval from the County's Planning and Development Director (County of Fresno, 2024).

c) Zoning

The project site's parcels are currently zoned as Limited Agriculture (County of Fresno, 2024).

d) Streets and Highways

The project site is north of Mt. Whitney Avenue within Riverdale, CA. Most of the project is west of S. Marks Avenue and east of S. Hazel Avenue. However, the stormwater basin and the proposed expansion site are located west of S. Hazel Avenue, and just south of the Turner Ditch canal.

e) Public Utilities and Services

The existing facilities are currently serviced by the Riverdale Public Utility District, which provides wastewater and water services. The site's stormwater drainage is collected by the District's underground stormwater drainage system, which discharges to the District's stormwater basin to the northwest. Gas and Electricity are provided by Pacific Gas & Electric. Solid Waste disposal is provided by Mid Valley Disposal.

f) Climate

The climatic conditions of the project are typical of the central San Joaquin Valley, consisting of hot, dry summers and mild, wet winters, characteristic of a Mediterranean climate. The local meteorology of the area is represented by measurements recorded by the National Weather Service. The monthly average temperatures recorded between 1991 and 2020 range from 54°F (Fahrenheit) in January to 83°F in

August. The annual average temperature is 65°F. December, January, and February typically are the coldest months in this area. Annual rainfall in the project area occurs mostly between December and March, with an average of approximately 10.9 inches per year (National Oceanic and Atmospheric Administration, 2025).

g) Police and Fire

The project area is served by the Fresno County Sheriff and the Riverdale Public Utility District, which administers a volunteer fire department for the Riverdale community.

h) Transit

The nearest transit stop is a bus stop for the Fresno County Rural Transit Agency (FCRTA) located approximately 0.3 miles southeast of the project site. This serves a transit route along Mt. Whitney Road.

8. Request for Preliminary Comment

The District distributed a Request for Preliminary Comment for the project on January 13, 2025, to Trustee, Responsible, and other public agencies that might be interested in the project. The request provided an opportunity to comment on the project's potential environmental effects, including whether an Environmental Impact Report, Mitigated Negative Declaration, or Negative Declaration should be prepared for the project. On January 17, 2025, the District posted on its website a community notice in English and Spanish about the proposed project to welcome comments from school staff, parents, students, and the public. Comments from reviewing agencies were considered in the analysis presented in this Initial Study. There were no comments received from school staff, parents, students, or the public.

9. Other Public Agencies Whose Approval is Required

Implementation of the project would require approvals from the following public agencies in addition to the District:

Table 3
Responsible Public Agencies

Public Agencies	Approval(s)
County of Fresno	Approve well destruction permit.
San Joaquin Valley Air Pollution Control District	Compliance with applicable rules and regulations, including but not limited to Regulation VIII (Dust Control Plan) and Rule 9510 (Indirect Source Review).
Division of State Architect	Review and approve the design of school facilities.
Department of Toxic Substances Control	Complete Evaluation and Clean-up of School Site Process. Review Phase 1 Environmental Site Assessment and determine if a Preliminary Environmental Assessment (PEA) is needed.

10. Consultation with California Native American Tribes

In accordance with Public Resources Code Section 21080.3.1 (Assembly Bill 52, 2013–2014), the lead agency is required to notify, in writing, any California Native American Tribe that has previously requested notification of projects within the geographic area of a proposed project. This notification must be provided within 14 days of the agency's decision to undertake a project subject to CEQA. The notification includes a brief description of the project and invites the Tribe to indicate whether it wishes to initiate formal consultation.

If the Tribe elects to consult, the lead agency must begin the consultation process within 30 days of receiving the request. The consultation continues until either: (1) the parties agree on mitigation measures, (2) the parties agree that mitigation is not necessary, or (3) either party concludes that a mutual agreement cannot be reached despite a good faith effort.

The District received correspondence from the Santa Rosa Rancheria Tachi-Yokut Tribe (SRR) on April 17, 2025, via email expressing their concerns and requesting mitigation measures. All other contacted California Native American Tribes either did not respond or responded stating that their tribe had no concerns with the project. The

District and the SRR engaged in formal consultation on May 16, 2025, to discuss potential project impacts and the best methods to mitigate them.

On July 18, 2025, the District provided the Santa Rosa Rancheria Tachi-Yokut Tribe (SRR) with draft Tribal Cultural Resource mitigation measures for review. On August 27, 2025, the District transmitted draft monitoring and curation agreements, executed by the District, to SRR, and on September 22, 2025, provided an amended monitoring agreement reflecting refined mitigation language. Between July 18 and October 24, 2025, the District and its consultant followed up regularly by email and phone to request input and to execute a curation and monitoring agreement. During this period, no additional comments or feedback were received regarding the proposed mitigation measures, and a fully executed monitoring and curation agreement was not returned.

In light of the consultation record and the outreach described above, the District determined on October 28, 2025, that formal consultation was complete and provided written notification of this determination to SRR. To ensure effective implementation if Tribal representatives are unavailable during construction, the District refined the Tribal Cultural Resource mitigation measures to clarify SRR participation “if available” and to provide functionally equivalent archaeological monitoring and training as a contingency. These updates are reflected in Section 18, *Tribal Cultural Resources*, and carried forward into the Mitigation Monitoring and Reporting Program (MMRP). The District remains open to continued coordination with SRR during implementation, including participation in construction monitoring, worker training, and treatment or curation procedures should SRR wish to engage.

B. Environmental Factors Potentially Affected

Based on the evaluations in Part E, the project would have a less than significant impact on the environmental factors listed in the following table. Those factors that require mitigation to be incorporated into the project to be less than significant are noted with an "X".

TABLE 4

Environmental Factors Potentially Affected

	Aesthetics		Agricultural and Forestry Resources		Air Quality
X	Biological Resources	X	Cultural Resources	X	Energy Resources
X	Geology and Soils	X	Greenhouse Gas Emissions		Hazards and Hazardous Materials
	Hydrology and Water Quality		Land Use and Planning		Mineral Resources
	Noise and Ground-borne Vibration		Population and Housing		Public Services
	Recreation		Transportation	X	Tribal Cultural Resources
	Utilities and Service Systems		Wildfire	X	Mandatory Findings of Significance

C. Determination

Based on this Initial Study, I find that the Riverdale High School Facility Improvements Project could have significant effects on the environment, but mitigation measures incorporated in the project by the Mitigation, Monitoring, and Reporting Program will avoid the effects or render them less than significant. Therefore, a Mitigated Negative Declaration is recommended for adoption.

[signature]	10/28/2025
Signature	Date
Jeff Percell	Superintendent
Print Name	Title

D. Evaluation of Environmental Impacts

1. State CEQA Guidelines Appendix G Environmental Checklist

This Initial Study identifies and analyzes the potential impacts of the project on the environmental resources and conditions listed in Appendix G in the State CEQA Guidelines and describes feasible mitigation measures that could be incorporated into the project to avoid the impacts or reduce them to an insignificant level and determines the significance of the impact with or without mitigation. The environmental resources and conditions listed in Appendix G are categorized as follows: Aesthetics, Agricultural and Forestry Resources, Air Quality, Biological Resources, Cultural Resources, Energy, Geology and Soils, Greenhouse Gas Emissions, Hazards, and Hazardous Materials, Hydrology and Water Quality, Land Use and Planning, Mineral Resources, Noise, Population and Housing, Public Services, Recreation, Transportation, Tribal Cultural Resources, Utilities, and Service Systems, Wildfire, and Mandatory Findings of Significance.

The discussion of each impact in Part E of this Initial Study concludes with a determination that the impact is potentially significant, less than significant with mitigation, less than significant, or does not involve any impact (no impact).

The "potentially significant" determination is applied if there is substantial evidence that an effect may be significant. Under the State CEQA Guidelines, a significant effect, or impact, on the environment means a substantial, or potentially substantial, adverse change in any of the physical conditions within the area affected by the project, including land, air, water, minerals, flora, fauna, ambient noise, and objects of historic or aesthetic significance (see Guidelines Section 15382). The District must prepare an Environmental Impact Report for the project if the Initial Study identifies one or more potentially significant impacts.

The "less than significant impact with mitigation incorporated" determination applies when the incorporation by the District of mitigation measures in the project would reduce an impact from potentially significant to less than significant. This Initial Study describes each mitigation measure the District has incorporated into the project to reduce potentially significant impacts to a less-than-significant level.

The "less than significant" determination applies when the project would not result in a significant effect on a resource or condition. The less-than-significant determination is used only in cases where no mitigation measures are required to reduce the impact to a less-than-significant level.

The "no impact" determination applies when the project would have no impact on a resource or condition, or the resource or condition does not apply to the project or its location.

The discussion of impacts in this Initial Study lists each potential impact as stated in Appendix G, provides an analysis of the impact, describes each mitigation measure required to avoid the impact or reduce it to an insignificant level, and concludes with a determination of the level of significance of the impact. References to documents that would provide background information on an impact are provided where applicable.

This Initial Study incorporates by reference all documents and other sources of information cited in the Evaluation of Environmental Impacts (Part E) and Sources Consulted (Part H).

2. Existing Laws, Regulations, Policies, and Mitigation Measures

In some cases, an impact that might appear to be significant is less than significant because it is subject to state, regional, or local laws, regulations, or policies – the application of which will reduce the impact to a less than significant level. The preparation of this Initial Study included a review of applicable laws, regulations, and policies to determine if they would prevent or reduce the potentially significant impacts of the project. The Initial Study does not cite the laws, regulations, and policies as mitigation measures because they would apply to the project regardless of the outcome of the Initial Study. For the project, applicable laws, regulations, and policies include but are not limited to the following:

State of California: The state requirements include, but are not limited to the following:

- **Education Code Section 17213, Public Resources Code Section 21151.8; and California Code of Regulations, Title 5, Section 14011[h],[i]; Title 14, Section 15093**:

  Requires the District Board to adopt findings stating: (1) the proposed school site is not a current or former waste disposal site; (2) the site is not a hazardous substance release site; (3) the site does not contain pipelines; and (4) whether a qualified freeway and/or qualified traffic corridor is located within 500 feet of the site. In addition, it requires board-adopted findings for hazardous air emitters and hazardous material handlers located within a 1/4 mile of the site.

- **Education Code Section 17215 and California Code of Regulations, Title 21, Division 2.5, Chapter 2.1: Airports:**
  Requires providing notice to the State Department of Education if a proposed school site is within two nautical miles, measured by air line, of that point on an airport runway or a potential runway is included in the airport master plan that is nearest to the site. The Department of Education is required to consult with the Department of Transportation as to the safety of the site concerning airport operations.

- **Title 5, California Code of Regulations, Article 2, Section 14010, Standards for School Site Selection:**

  The standards address: possible hazards related to power line easements, railroads, airports, major streets, above-ground pipelines, underground pipelines, above-ground storage tanks, traffic, noise, seismicity, geology, soils, flooding, dam flood inundation, incompatible zoning, and other safety-related factors.

- **Title 24, California Code of Regulations, Part 1 through Part 12:**
  Specifies the State of California building regulations for public schools. The Division of the State Architect is responsible for administering the regulations.

State Water Resources Control Board
The National Pollutant Discharge Elimination System Program (NPDES) program pursuant to the federal Clean Water Act and the State Water Resources Control Board's Construction General Permit (Order No. 2022-0057-DWQ).

San Joaquin Valley Air Pollution Control District

Regulation VIII – Fugitive PM10 Prohibitions, Regulation IX – Mobile and Indirect Sources, Rule 9510 – Indirect Source Review (https://www.valleyair.org/rules/1ruleslist.htm)

Fresno County

- County of Fresno General Plan
- County of Fresno Zoning Ordinance
- Fresno County Ordinance Code
- Riverdale Community Plan

E. Environmental Checklist

The questions in Sections E, 1-20 are taken from the State CEQA Guidelines, Appendix G: Environmental Checklist Form, Evaluation of Environmental Impacts. The thresholds of significance used for this Initial Study are the same as the environmental issues listed in the Appendix G Checklist.

1. Aesthetics

Except as provided in Public Resources Code § 21099, would the project:	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Have a substantial adverse effect on a scenic vista?				X
b. Substantially damage scenic resources, including, but not limited to trees, rock outcroppings, and historic buildings within a state scenic highway?			X	
c. In nonurbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point). If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?				X
d. Create a new source of light and glare that would adversely affect day or nighttime views in the area?			X	

Environmental Setting

The project site is on the campus of Riverdale High School in the Census-designated community of Riverdale, Fresno County, California. The land around the project consists of level farmland to the north and east, and residential homes to the southwest. Views around the greater project location include open flat farmland to the west and north, a dairy to the east, and residential houses to the southwest. The Phase 1 area is an existing football stadium/track and parking lot, and the Phase 2 and 3 areas are designated as Prime Farmland. According to the California Department of Transportation, the closest eligible or officially designated scenic highway is State Route 198 (ending at Route 33), which is about 25 miles southwest (California Department of Transportation, 2025).

The County of Fresno's Code Ordinance does not include requirements for outdoor lighting. However, this analysis will refer to the City of Fresno ordinance regarding outdoor lighting as a guideline. The City of Fresno requires light trespass to be limited to 1.0 foot-candle onto public streets and limited to 0.5 foot-candle onto residentially zoned property or property containing residential uses (City of Fresno, 2025). A foot-candle is a unit of measurement used to measure the intensity of light. The County of Fresno does not require limiting outdoor lighting, but this impact analysis uses the City of Fresno's ordinance on outdoor lighting and illumination as a guideline to assess impacts. Though the City of Fresno has no jurisdiction over the community of Riverdale or the project, it provides lighting thresholds to consider for the impacts of lighting on residents.

The project would include the removal of eight 70' light posts at the existing stadium and the installation of four 90' light posts. Additionally, the athletic fields in Phase 2 include the installation of twelve 30' light poles. The parking lot reconstruction would include up to twelve 15' to 20' light poles.

The stadium lights would be designed to limit light trespass at a maximum of 0.30 foot-candles at a 5' height, and 300' away from the light posts. The nearest public road is approximately 575' away; the nearest residential use is approximately 640' away.

Except as provided in Public Resources Code Section 21099, would the project:

a. Have a substantial adverse effect on a scenic vista?

No Impact

The terrain of the project site is level and adjacent to open agriculture fields, residences, a church, the Riverdale Veterans Memorial building, and some commercial and retail areas. Distant views of the Sierra Nevada Mountains to the east and northeast are sometimes visible but frequently obscured due to poor air quality or atmospheric conditions. The Fresno County General Plan Review (County of Fresno, 2024) and the Fresno County General Plan Background Report (County of Fresno, 2000) did not identify or designate any scenic vistas within or near the project area. The project site is not in a viewshed of a scenic vista or near any eligible or officially designated scenic highways. Upon completion, the project would modify the surrounding vicinity's viewshed but not obscure any aesthetic features. Therefore, there would be no impact on scenic vistas.

b. Substantially damage scenic resources, including, but not limited to trees, rock outcroppings, and historic buildings within a state scenic highway?

Less than Significant

There are no rock outcroppings or historic buildings on the campus. A portion of State Route 198 is eligible as a scenic highway. It is about 25 miles southeast of the project (California Department of Transportation, 2025). Landscaped oleander bushes along the north stadium soil berm, a soil berm around the stadium, and approximately ten landscaped trees around the Ag Barn would be removed. The trees removed would be replaced with new landscaping. Therefore, there would be a less than significant impact on scenic resources, historic buildings, or a state scenic highway.

c. In non-urbanized areas, substantially degrade the existing visual character or quality of public views of the site and its surroundings? (Public views are those that are experienced from a publicly accessible vantage point.) If the project is in an urbanized area, would the project conflict with applicable zoning and other regulations governing scenic quality?

No Impact

The project would modernize the existing stadium, construct the three additional turf-grass athletics fields to an existing sports complex, and demolish and reconstruct a new Ag Barn. The stadium remodel would enhance the visual aspects of the existing stadium, the three athletics fields would match the visual characteristics of the surrounding sports facilities, and the new Ag Barn located at the north of the project site would match the agricultural characteristics of the farmland surrounding the north of the project site. The project would not substantially degrade the existing visual character or quality of the site and its surroundings, therefore, there would be no impact.

d. Create a new source of light and glare that would adversely affect day or nighttime views in the area?

Less than Significant Impact

The project would remove and replace eight 70' tall stadium light posts with four 90' tall light posts for the proposed stadium remodel. To minimize light trespassing across property boundaries or skyward, lights and light fixtures would be located, aimed, or shielded accordingly. Additionally, the project would use fully shielded fixtures equipped with automatic timing devices to focus the lighting and minimize glare and light trespass. The nearest residential property is approximately 640' away. The light trespass onto the nearest public road and residential land uses from the proposed stadium lights would be 0.3 foot-candles, which is below the 0.5 foot-candle threshold for City of Fresno requirements.

The parking lot remodel may include up to twelve 15 to 20-foot-tall light poles. However, the new stadium lights would minimize light trespass to a maximum of 0.30 foot-candles at a 300-foot distance. The parking lot remodel may include up to twelve 15 to 20-foot-tall light poles. The nearest residential property to the nearest light pole would be 200 ft to the west. Light fixtures on the proposed light poles would be focused to the proposed reconstructed parking lot area and would be equipped with light shielding equipment to prevent light trespass to nearby non-campus properties.

The project would also install up to twelve parking lot light poles in the reconstructed parking lot and include 12 30-foot 'practice' light poles, located and oriented as shown in Figure 4. These light poles would be equipped with light shielding equipment, oriented away from existing residential properties, and aimed towards the proposed multi-use athletics fields. The nearest light pole would be located 250 feet east of the nearest residential property, and this light pole would be pointed north, not towards the residential property. The nearest light pole that would be aimed in the direction of a residential property would be approximately 560 feet northeast of the nearest residential property. At this distance and 30-foot height, significant light trespass is not anticipated.

For the reasons stated above, the project would result in a less than significant impact on daytime and nighttime views.

2. Agriculture and Forestry Resources

Would the project:	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non- agricultural use?			X	
b. Conflict with existing zoning for agricultural use, or a Williamson Act contract?				X
c. Conflict with existing zoning for, or cause rezoning of, forestland, timberland, or timberland zoned Timberland Production?				X
d. Result in the loss of forestland or conversion of forestland to non-forest use?				X
e. Involve other changes in the existing environment which, due to their location or nature, could result in the conversion of Farmland, to non-agricultural use or conversion of forestland to non-forest use?			X	

Environmental Setting

Fresno County is a hub of agricultural productivity in California. In 2023, Fresno County's agricultural production totaled 8.58 billion dollars, a 6.1% increase from 2022. Top commodities produced in Fresno County included grapes at $1.33 billion, almonds at $1.02 billion, and pistachios at $862 million. A variety of over 300 different commodities are produced in Fresno County due to its rich soils, large areas of dedicated farmland, supply of irrigation water, Mediterranean climate, and transportation infrastructure (Fresno County Department of Agriculture and Weights and Measures, 2024).

Farmland Mapping and Monitoring Program (FMMP): The FMMP produces maps and statistical data used for rating California's agricultural land resources. Agricultural land is rated according to soil quality and irrigation status, where the best quality land is designated as Prime Farmland. Maps are updated every two years using computer mapping, aerial imagery, public review, and field investigations. The California Department of Conservation's (DOC) 2020 FMMP is a non-regulated program that creates "Important Farmland" maps and statistical data for analyzing California's agricultural resources. The Important Farmland maps identify eight land categories, summarized below:

Prime Farmland (P): Farmland with the best combination of physical and chemical features able to sustain long-term agricultural production. This land has the soil quality, growing season, and moisture supply needed to produce sustained high yields. Land must have been used for irrigated agricultural production at some time during the four years before the mapping date. According to the most recent data from 2018, the County has approximately 672,208 acres of land designated as Prime Farmland (Fresno, 2024).

Farmland of Statewide Importance (S): Farmland that is similar to Prime Farmland but with minor shortcomings, such as greater slopes or less ability to store soil moisture. Land must have been used for irrigated agricultural production at some time during the four years before the mapping date.

Unique Farmland (U): Farmland of lesser quality soils used for the production of the state's leading crops. This land is usually irrigated but may include non-irrigated orchards or vineyards as found in some climatic zones in California. Land must have been cropped at some time during the four years before the mapping date.

Farmland of Local Importance (L): Land of importance to the local agricultural economy as determined by each county's board of supervisors and a local advisory committee.

Grazing Land (G): Land on which the existing vegetation is suited to the grazing of livestock.

Urban and Built-Up Land (D): Land occupied by structures with a building density of at least 1 unit to 1.5 acres, or approximately 6 structures to a 10-acre parcel. This land is used for residential, industrial, commercial, construction, institutional, public administration, railroad and other transportation yards, cemeteries, airports, golf courses, sanitary landfills, sewage treatment, water control structures, and other developed purposes.

Other Land (X): Land not included in any other mapping category. Common examples include low-density rural developments; brush, timber, wetland, and riparian areas unsuitable for livestock grazing; confined livestock, poultry, or aquaculture facilities; strip mines, borrow pits; and water bodies smaller than forty acres. Vacant and nonagricultural land surrounded by urban development and greater than 40 acres is mapped as Other Land.

Water (W): Perennial water bodies with an extent of at least 40 acres.

According to the FMMP, Fresno County has approximately 374,567 acres of Prime Farmland, 144,243 acres of farmland of Statewide importance, 96,724 acres of unique farmland, and 29,663 acres of farmland of local importance (Department of Conservation 2020).

The important farmland designation from the 2020 FMMP and designation of lands enrolled in the Williamson Act of the project site and surrounding areas are shown in Figures 5 and 6 below, respectively. These figures show that approximately 6.25 acres of Prime Farmland are within the project site, and that no areas of the project are enrolled in Williamson Act contracts.

Figure 5: FMMP Important Farmland Map

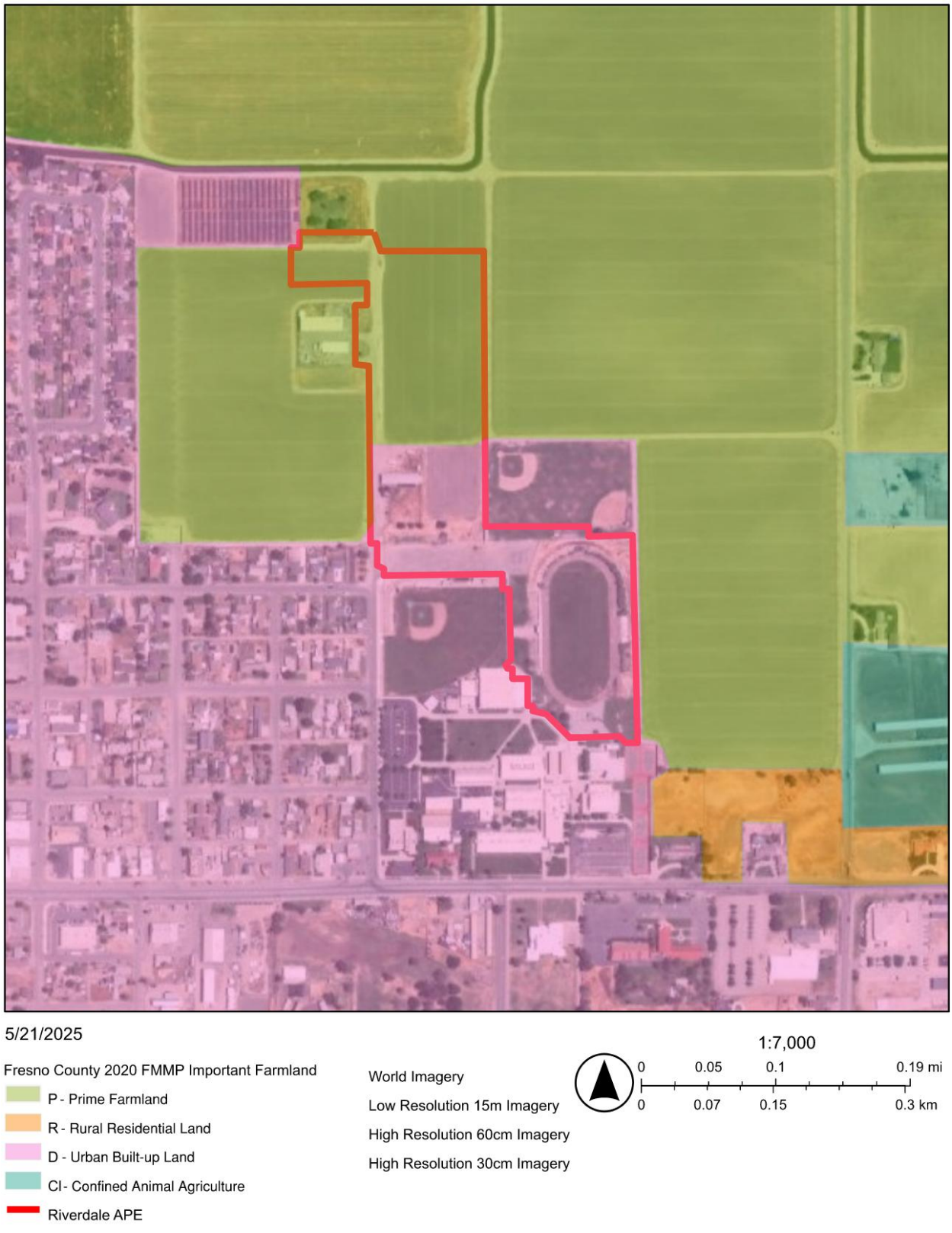
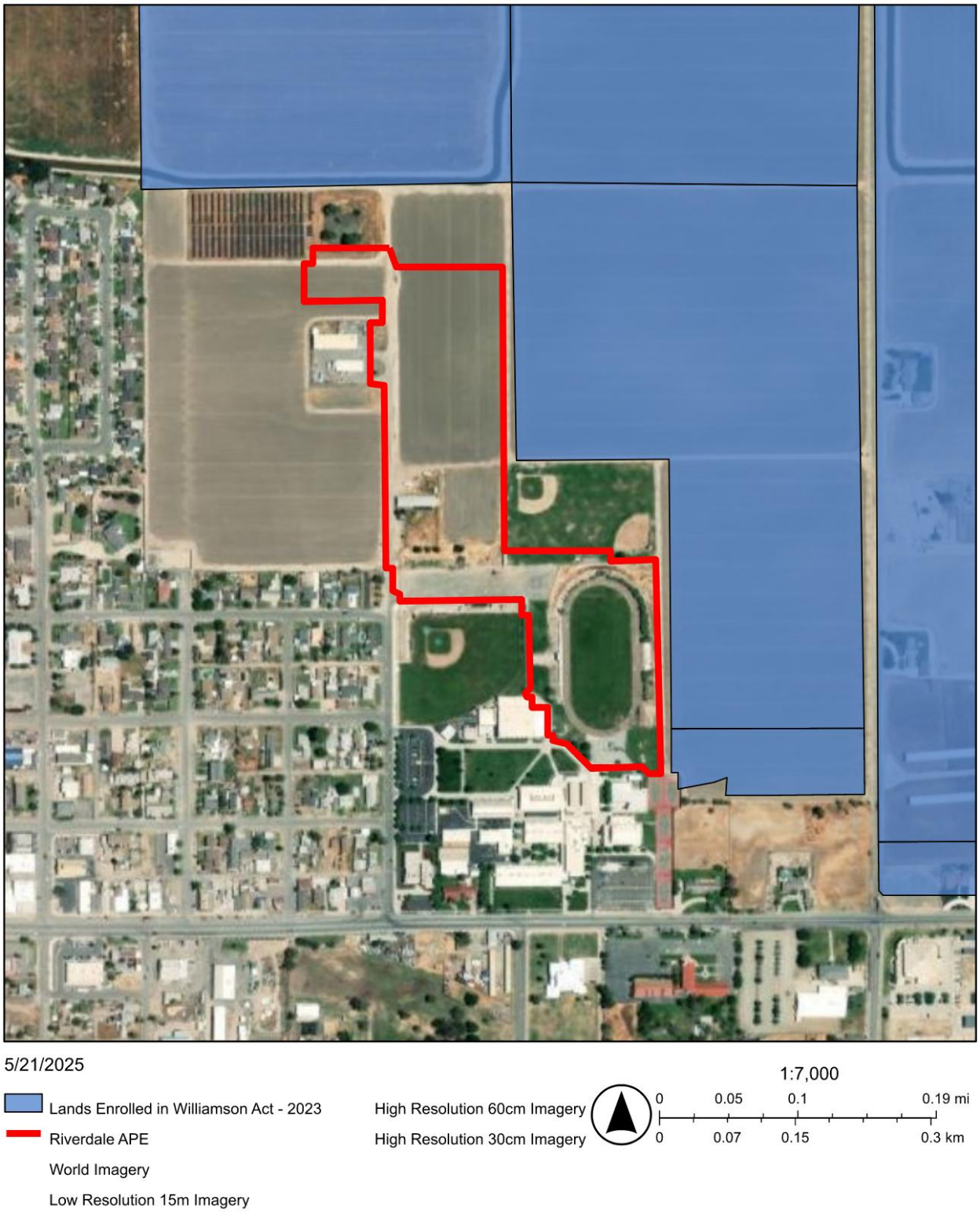


Figure 6: Lands Enrolled in the Williamson Act



Regulatory Setting

The 2024 County of Fresno General Plan includes goals and policies related to agricultural resource conservation (Fresno County, 2024). Relevant policies include:

LU-A.1: Agricultural Land Conservation. The County shall maintain agriculturally designated areas for agricultural use and shall direct urban growth away from valuable agricultural lands to cities, unincorporated communities, and other areas planned for such development where public facilities and infrastructure are available or can be provided consistent with the adopted General or Community Plan.

LU-A.23: Farmland Conservation. For discretionary land use projects that are not directly related to or supportive of agricultural uses and which propose the permanent conversion of twenty acres or more of Prime Farmland, Unique Farmland or Farmland of Statewide Importance (as designated by the Farmland Mapping and Monitoring Program) to nonagricultural uses, the County shall consider and adopt feasible measures including, but not limited to:

- Acquisition of conservation easements at a 1:1 ratio for lands lost to nonagricultural uses.
- Fee title of agricultural mitigation land that may be held by a third party or the County.
- In lieu fees paid to the County that may be used to acquire future mitigation property.
- Mitigation banks.

The County may exempt projects from agricultural mitigation requirements when it has been determined that conversion is occurring pursuant to a local groundwater sustainability plan, or the project is for housing which is predominantly for persons of low or moderate income as defined in section 50093 of the Health and Safety Code. Further, the County may exempt discretionary land use projects from agricultural mitigation requirements if it finds that the loss of agricultural land caused by the proposed conversion is outweighed by specific overriding economic, legal, social, technological, or other benefits of the conversion, as contemplated by section 21081(b) of the Public Resources Code.

In 1992, Fresno County adopted the Riverdale Community Plan. This plan discusses goals for the preservation of agricultural resources, planned development areas, and other priorities for the community of Riverdale. The plan states that Riverdale is an agricultural service center for nearby farms and dairies, and that the community's boundaries remaining compact is essential to not displace agricultural operations (County of Fresno, 2013).

Would the project:

a. Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non- agricultural use?

Less than Significant Impact

The project site includes approximately 6.5 acres of designated Prime Farmland that is currently owned by the District which is leased for commercial farming. The project would convert these areas of Prime Farmland to the following agricultural and non-agricultural land uses:

- 0.60 acre for expansion of the existing campus stormwater basin to the south,
- 2.65 acres for the multi-use athletics fields, aka "community fields", and
- 3.25 acres for a new Ag Barn and surrounding pastures and orchards.

The conversion of 3.25 acres of Prime Farmland to a new Ag Barn for student education, including pastures and orchards, would be a compatible land use for Prime Farmland. The conversion of Prime Farmland due to the expansion of the stormwater basin and community fields (totaling 3.25 acres) to non-agricultural uses would amount to approximately 0.00087% of the County's total Prime Farmland.

The County's land use policy for farmland conversion, LU-A.23, requires mitigation for the conversion of 20 or more acres of agricultural land, therefore, this County policy does not apply to the project. The project would also comply with the goals of LU-A.1 by focusing development within an existing unincorporated community.

Conversion of Prime Farmland to non-agricultural uses would be consistent with the Riverdale Community Plan. The Community Plan anticipates future urban development within the existing community boundaries of Riverdale and states the goal of leaving areas outside of the community dedicated to agriculture. Additionally, the Community Plan states that Riverdale lacks public recreation space, and additional public park space would be an asset to the community, and "a location in the north part of the community would probably be best." (County of Fresno, 2013). The project would construct a new quasi-public recreation facility in line with this adopted goal in the Riverdale Community Plan.

The project would provide benefits to local agriculture that offset the conversion of Prime Farmland to non-agricultural land use. The expanded stormwater retention basin would provide flood control for surrounding farmland and promote groundwater recharge. The proposed upgraded Ag Barn would allow the District to operate an agricultural education program for students in the community, which would provide skills and knowledge to the next generation of the community and would promote agriculture as a career to the many students who would use the Ag Barn.

Additionally, the 2.65 acres of farmland that would be converted into athletic fields could feasibly be converted back to farmland as the soil would not be significantly degraded due to the land use change. This area could be returned to farmland in the future, so the Prime Farmland resource would not be permanently lost.

As discussed above, the project would be consistent with the County's agricultural land conservation policies and the Riverdale Community Plan. The project would provide benefits to local agriculture through flood protection, groundwater recharge, and provide a critical agricultural educational resource for the students at Riverdale High School. Therefore, the project would have a less than significant impact.

b. Conflict with existing zoning for agricultural use, or a Williamson Act contract?

Less than Significant Impact

The project would involve converting land zoned as Limited Agriculture to new athletic playfields and a new educational agricultural barn. Both land uses are allowed under the Fresno County Zoning Ordinance. Public facilities, such as the athletic playfields and educational agricultural barn, can be constructed on Limited Agriculture zoned land with ministerial approval from the Director of Planning and Development (County of Fresno, 2024). As mentioned in the previous analysis, the project would be consistent with the Riverdale Community Plan, by developing recreational in a location that is identified as needing additional recreational space.

Furthermore, the project site is not located within parcels enrolled in a Williamson Act contract. Therefore, the project would have a less than significant impact.

c. Conflict with existing zoning for, or cause rezoning of, forestland, timberland, or timberland zoned timberland production?

No Impact

There are no forests or timberland on the campus or in the vicinity. The project would not conflict with or change zoning for forest land, timberland, or Timberland Production zoned land. There would be no impact.

d. Result in the loss of forestland or conversion of forestland to non-forest use?

No Impact

The project would not result in the loss or conversion of forest land to non-forest use. There would be no impact.

e. Involve other changes in the existing environment, which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use or conversion of forestland to non-forest use?

Less than Significant Impact

Proposed changes to the existing environment include the conversion of agricultural land to playfields, expansion of an existing basin, and the relocation and reconstruction of a new Ag Barn, as well as renovations to the existing stadium. Surrounding land uses include Prime Farmland owned by the District that is leased for commercial farming and District maintenance facilities located west of Hazel Avenue and north of the proposed Ag Barn. Land to the north and east of the stadium is privately owned Prime Farmland and is contiguous to large areas of farmland to the north and a dairy operation to the east.

Since the District owns the surrounding Prime Farmland to the west of Hazel Avenue and north of the proposed Ag Barn, the District would be the sole actor capable of converting this land to non-agricultural uses. If future development is planned to expand District facilities that would convert Prime Farmland to non-agricultural uses, the District would analyze potential environmental impacts of future projects and implement mitigation measures as necessary. The project is not anticipated to encourage privately-owned agricultural lands located east and north of the stadium to convert to non-agricultural uses since the project would not cause a need for additional housing or commercial space. Furthermore, the proximity of this area to a large dairy operation and the distance to the Riverdale community core make development of this land unlikely.

Lastly, there is no surrounding forestland that could be converted to non-forest use. Therefore, the project would have a less than significant impact.

3. Air Quality

Would the project:	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Conflict with or obstruct implementation of the applicable air quality plan?			X	
b. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in non-attainment under an applicable federal or state ambient air quality?			X	
c. Expose sensitive receptors to substantial pollutant concentrations?			X	
d. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?			X	

An Air Quality & Greenhouse Gas Impact Analysis report was prepared for this project by Blair, Church & Flynn and is included as Appendix A to this Initial Study. This Initial Study incorporates information and analysis from this report to evaluate impacts on air quality.

Regulatory Setting

The SJVAPCD is tasked with implementing programs and regulations required by the Federal Clean Air Act (FCAA) and the California Clean Air Act (CCAA). In that capacity, the SJVAPCD has prepared plans to attain Federal and State ambient air quality standards. According to the CEQA Guidelines, the significance criterion established by the applicable air quality management district or air pollution control district may be relied upon to make the following determinations. The project is within the jurisdiction of the San Joaquin Valley Air Pollution Control District (SJVAPCD The SJVAPCD guides air quality analysis under CEQA in its *Guidance for Assessing and Mitigating Air Quality Impacts* (GAMAQI) (San Joaquin Valley Air Pollution Control District, 2015).

The GAMAQI guidance document includes recommended thresholds of significance to be used for the evaluation of short-term construction, long-term operational, odor, toxic air contaminant, and cumulative air quality impacts. Accordingly, the SJVAPCD-recommended thresholds of significance are used to determine whether implementation of the proposed project would result in a significant air quality impact. The thresholds of significance are summarized below.

- Short-term Emissions—Construction impacts associated with the proposed project would be considered significant if project-generated emissions exceeded 100 tons per year (TPY) of CO, 10 TPY of ROG or NOx, 27 TPY of SOx, or 15 TPY of PM_{10} or $PM_{2.5}$.
- Long-term Emissions—Operational impacts associated with the proposed project would be considered significant if project-generated emissions would exceed 100 TPY of CO, 10 TPY of ROG or NOx, 27 TPY of SOx, or 15 TPY of PM_{10} or $PM_{2.5}$.
- Conflict with or Obstruct Implementation of Applicable Air Quality Plan—Due to the region's non-attainment status for ozone, $PM_{2.5}$, and PM_{10}, if project-generated emissions of ozone precursor

pollutants (i.e., ROG and NOx) or PM would exceed the SJVAPCD's significance thresholds, then the project would be considered to conflict with the attainment plans.

- Local Mobile-Source CO Concentrations—Local mobile source impacts associated with the proposed project would be considered significant if the project contributes to CO concentrations at receptor locations more than the CAAQS (i.e., 9.0 ppm for 8 hours or 20 ppm for 1 hour).
- Exposure to Toxic Air Contaminants (TACs) would be considered significant if the probability of contracting cancer for the Maximally Exposed Individual (i.e., maximum individual risk) exceeded 20 in 1 million or would result in a Hazard Index greater than 1.
- Odor impacts associated with the proposed project would be considered significant if it could frequently expose members of the public to objectionable odors.

In addition to the above thresholds, the SJVAPCD recommends daily emissions thresholds for the evaluation of project impacts on localized ambient air quality conditions. Accordingly, the proposed project would also be considered to result in a significant contribution to localized ambient air quality if on-site emissions for ROG, NOx, PM_{10}, $PM_{2.5}$, CO, or SO_2 associated with either short-term construction or long- term operational activities would exceed a daily average of 100 pounds per day (lbs/day) for each of the pollutants evaluated (San Joaquin Valley Air Pollution Control District, 2015).

Thus, projects with emissions below the thresholds of significance for criteria pollutants would be determined not to conflict with or obstruct the implementation of the SJVAPCD air quality plans.

The SJVAPCD GAMAQI also provides guidance on screening projects for offensive odors. These screening levels can be used to qualitatively assess a project's potential adverse effect on nearby receptors. The screening level from the GAMQI for the most relevant land use type of a feed lot/dairy is 1 mile.

In the context of odors, the project site is located near a large dairy operation to the east, occupying approximately 76 acres. The east edge of the project site is approximately 850 feet to 2,450 feet northeast of the west perimeter of the dairy. Based on the SJVAPCD's screening levels for objectionable odors, the project site and most of the community of Riverdale would experience objectionable odors caused by the nearby large dairy operation.

Would the project:

a. Conflict with or obstruct implementation of the applicable air quality plan?

Less than Significant Impact

Per the SJVAPCD-recommended methodology for assessment of air quality impacts, projects that result in significant air quality impacts at the project level are also considered to have a significant cumulative air quality impact. As noted in Impact AQ-B, short-term construction and long-term operational emissions would not exceed applicable thresholds. Additionally, the proposed project would not increase VMT and would therefore not be inconsistent with the Fresno Council of Governments (FCOG) 2022 Regional Transportation Plan and Sustainable Communities Strategies (RTP/SCS) (Fresno Council of Governments, 2022) or the FCOG Priority Climate Action Plan (PCAP) (Fresno Council of Governments, 2024).

Additionally, the Project would comply with applicable SJVAPCD Rules and Regulations. The following SJVAPCD requirements apply to the project:

- SJVAPCD Regulation VIII (Fugitive Dust Control) – The project would be required to implement measures to mitigate fugitive dust from construction activities.
- SJVAPCD Rule 9510 (Indirect Source Review or "ISR") – projects that are above the applicability size thresholds must prepare and submit to SJVAPCD an Air Impact Assessment (AIA) application. SJVAPCD would complete an assessment of project emissions for NOx and PM_{10} and require air quality mitigation fees or measures if project emissions are determined to be over the threshold of 2.0 TPY.

For these reasons, implementation of the proposed project would not be anticipated to conflict with air quality attainment or maintenance planning efforts. This impact would be considered less than significant.

b. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in non-attainment under an applicable federal or state ambient air quality?

Less than Significant Impact

The proposed project is in Riverdale, California, in Fresno County, which is within the San Joaquin Valley Air Basin (SJVAB), which is designated as nonattainment for 1-hour ozone, 8-hour ozone, PM_{10}, and $PM_{2.5}$. The SJVAB attainment status for criteria air pollutants is displayed below in Table 5.

TABLE 5.
SJVAB ATTAINMENT STATUS DESIGNATION

Pollutant	Federal Designation	State Designation
Ozone, 1 hour	No Standard	Nonattainment/Severe
Ozone, 8 hour	Nonattainment/Extreme	Nonattainment
PM_{10}	Attainment	Nonattainment
$PM_{2.5}$	Nonattainment	Nonattainment
Carbon Monoxide	Attainment/Unclassified	Attainment/Unclassified
Nitrogen dioxide	Attainment/Unclassified	Attainment
Sulfur dioxide	Attainment/Unclassified	Attainment
Lead (particulate)	No Designation/Classification	Attainment
Hydrogen sulfide	No Federal Standard	Unclassified
Sulfates	No Federal Standard	Attainment
Visibility-reducing particulates	No Federal Standard	Unclassified
Vinyl Chloride	No Federal Standard	Attainment

For more information visit website url: https://ww2.valleyair.org/air-quality-information/ambient-air-quality-standards-valley-attainmnet-status/
Source: (San Joaquin Valley Air Pollution Control District, n.d.)

Potential air quality impacts associated with the proposed project could occur during construction or operation. Short-term construction and long-term air-quality impacts associated with the proposed project are discussed as follows:

Short-Term Construction Emissions

The project would result in a short-term increase in air pollutant emissions. Construction-generated emissions are temporary, occurring only during construction activities, but have the potential to result in a significant air quality impact. The construction of the project would result in temporary generation of

emissions caused by off-road and on-road construction equipment exhaust, as well as emissions released from earth moving (fugitive dust), asphalt concrete paving, and painting (VOCs). Estimated construction-generated annual emissions, per phase, associated with the proposed project are summarized in Table 5 in Appendix A.

Construction of the proposed project would generate maximum uncontrolled annual construction emissions of approximately 0.40 TPY of ROG, 0.81 TPY of NOx, 1.02 TPY of CO, <0.005 TPY of SO_2, 0.14 TPY of PM_{10}, and 0.08 TPY of $PM_{2.5}$. These emissions would remain below the SJVAPCD's annual significance thresholds of 10 TPY for ROG and NOx, 100 TPY for CO, 27 TPY for SO_2, and 15 TPY for PM_{10} and $PM_{2.5}$. Estimated average daily on-site construction emissions are summarized in Table 6 in Appendix A Construction of the proposed project would generate maximum on-site emissions of approximately 64.7 lbs/day of ROG, 31.64 lbs/day of NOx, 30.18 lbs/day of CO, 0.05 lbs/day of SO_2, 9.03 lbs/day of PM_{10}, and 5.20 lbs/day of $PM_{2.5}$. Daily on-site construction emissions would not exceed the SJVAPCD's recommended localized ambient air quality significance thresholds of 100 lbs/day for any of the criteria pollutants. Additionally, project construction would be required to comply with applicable CARB and SJVAPCD rules and regulations. This would further reduce construction-related emissions. For these reasons, the impact of construction-generated emissions would be considered less than significant.

Long Term Operational Emissions

Estimated annual operational emissions for the proposed project are summarized in Table 7 in Appendix A. Upon completion of the project (Phases 1, 2, and 3), the project is expected to generate approximately 0.03 TPY of ROG, 0.05 TPY of NOx, 0.18 TPY of CO, and <0.005 TPY of SO_2, PM_{10}, and $PM_{2.5}$. These emissions would primarily result from mobile sources, building operations (including energy use), and area sources such as occasional use of cleaning products, architectural coatings, and maintenance activities. Operational emissions from the project in 2028 would remain below SJVAPCD's emissions significance thresholds.

Table 7 summarizes the estimated increase in annual average daily on-site operational emissions compared to the existing project site operation. As mentioned, maximum daily emissions would primarily stem from area sources, such as landscape maintenance activities and the use of consumer products. Upon completion of the project (Phase 1, 2, and 3), maximum daily on-site emissions are estimated at 2.00 lbs/day of ROG, 0.33 lbs/day of NOx, 1.8 lbs/day of CO, <0.005 lbs/day of SO_2, 0.13 lbs/day of PM_{10}, and 0.05 lbs/day of $PM_{2.5}$.

Even at maximum levels, daily on-site emissions would remain below the SJVAPCD's localized ambient air quality significance threshold of 100 lbs/day for all criteria pollutants. The long-term operation of the proposed project would not result in a significant impact on regional or local air quality conditions. Additionally, project operation would be required to comply with the 2022 Building Energy Efficiency Standards, which include the requirement to install or utilize pre-existing onsite solar photovoltaic systems and an energy storage system (ESS). This would further reduce operational-related emissions. This impact is considered less than significant.

c. Expose sensitive receptors to substantial pollutant concentrations?

Less than Significant Impact

According to the SJVAPCD GAMAQI (San Joaquin Valley Air Pollution Control District, 2015), the determination of whether project emissions would expose sensitive receptors to substantial pollutant

concentrations is a function of assessing potential health risks. Sensitive receptors are facilities that house or attract children, the elderly, people with illnesses, or others who are especially sensitive to the effects of air pollutants. Hospitals, schools, convalescent facilities, and residential areas are examples of sensitive receptors. When evaluating whether a development proposal has the potential to result in localized impacts, Lead Agency staff need to consider the nature of the air pollutant emissions, the proximity between the emitting facility and sensitive receptors, the direction of prevailing winds, and local topography. Nearby sensitive receptors include the existing Riverdale High School, approximately 100' south of the project site, and private residences approximately 100' east of the project site. Long-term operational and short-term construction activities and emission sources that could adversely impact the nearest sensitive receptors are discussed as follows:

Long-Term Operation

Toxic Air Contaminants

Implementation of the proposed project would not result in the long-term operation of any major onsite stationary sources of TACs, nor would project implementation result in a significant increase in diesel-fueled vehicles traveling along area roadways. No major stationary sources of TACs were identified in the project vicinity that would result in increased exposure of students and employees to TACs. For these reasons, long-term increases in exposure to TACs would be considered less than significant.

Carbon Monoxide

CO is the primary criteria air pollutant of local concern associated with the proposed project. Under specific meteorological and operational conditions, such as areas of heavily congested vehicle traffic, CO concentrations may reach unhealthy levels. If inhaled, CO can be absorbed easily by the bloodstream and inhibit oxygen delivery to the body, which can cause significant health effects ranging from slight headaches to death. The most serious effects are felt by individuals susceptible to oxygen deficiencies, including people with anemia and those suffering from chronic lung or heart disease.

Mobile-source emissions of CO are a direct function of traffic volume, speed, and delay. The transport of CO is extremely limited because it disperses rapidly with distance from the source under normal meteorological conditions. For this reason, modeling of mobile-source CO concentrations is typically recommended for sensitive land uses located near signalized roadway intersections that are projected to operate at unacceptable levels of service (LOS). Localized CO concentrations associated with the proposed project would be considered less-than-significant if: (1) traffic generated by the proposed project would not result in deterioration of a signalized intersection to LOS E or LOS F; or (2) the project would not contribute additional traffic to a signalized intersection that already operates at LOS E or LOS F.

The project is not near a signalized intersection, as there are no signalized intersections in the community of Riverdale. Additionally, the project would not result in a significant increase in vehicle trips. For these reasons, long-term exposure to localized pollutant concentrations would be considered less than significant.

Short-Term Construction

Naturally Occurring Asbestos

Naturally occurring asbestos, which was identified by CARB as a TAC in 1986, is in many parts of California and is commonly associated with ultramafic rock. The project site is not located near any areas that are likely to contain ultramafic rock (U.S Geologic Survey, 2011). As a result, the risk of exposure to naturally occurring asbestos during the construction process would be considered less than significant.

Asbestos-Containing Materials

Demolition activities can have potential negative air quality impacts, including issues surrounding proper handling, demolition, and disposal of asbestos-containing material (ACM). Asbestos-containing materials could be encountered during the demolition of existing buildings, particularly older structures constructed before 1970. Asbestos can also be found in various building products, including (but not limited to) utility pipes/pipelines (transite pipes or insulation on pipes). If a project involves the disturbance or potential disturbance of ACM, various regulatory requirements may apply, including the requirements stipulated in the National Emission Standard for Hazardous Air Pollutants (40CFR61, Subpart M-Asbestos NESHAP). These requirements include, but are not limited to: 1) notification, within at least 10 business days of activities commencing, to the SJVAPCD, 2) an asbestos survey conducted by a Certified Asbestos Consultant, and 3) applicable removal and disposal requirements of identified ACM. The District has completed certified asbestos surveys of all structures to be released at the project site, which resulted in no detection of asbestos containing materials in structures proposed for demolition at the project site (Liddell, 2025). The presence of underground utility pipelines containing asbestos is unknown; however, upon discovery of asbestos-containing utilities, all proper measures to comply with asbestos abatement would be followed. For these reasons, the risk of exposure from asbestos-containing materials during the construction process would be considered less than significant.

Lead-Coated Materials

Demolition of structures coated with lead-based paint can have potential negative air quality impacts and may adversely affect the health of nearby individuals. Lead-based paints could be encountered during the demolition of existing buildings, particularly older structures constructed before 1978. Improper demolition can result in the release of lead-containing particles from the site. Sandblasting or removal of paint by heating with a heat gun can result in significant emissions of lead. In such instances, proper abatement of lead before the demolition of these structures must be performed to prevent the release of lead from the site. Federal and state lead regulations, including the Lead in Construction Standard (29CFR1926.62) and California Code of Regulations (CCR Title 8, Section 1532.1, Lead) regulate the disturbance of lead-containing materials during construction, demolition, and maintenance-related activities. Depending on the removal method, a SJVAPCD permit may be required.

The District has completed certified lead paint surveys for all structures to be demolished at the project site, which determined that the site has no structures containing lead-based paint. As a result, exposure to lead-based paint would be considered less than significant.

Localized PM Concentrations

Fugitive dust emissions would be primarily associated with site preparation, grading, and vehicle

travel on unpaved and paved surfaces. Uncontrolled emissions of fugitive dust may also contribute to potential increases in nuisance impacts to nearby receptors. On-site off-road equipment and trucks would also result in short-term emissions of diesel-exhaust PM (DPM), which could contribute to elevated localized concentration at nearby receptors. Localized concentrations of DPM would be short-term occurring over an approximately three-year period and would constitute less than five percent of the exposure period upon which health-related risks are typically calculated (i.e., 70 years). For this reason, short-term increases in DPM would not be anticipated to exceed SJVAPCD significance thresholds. However, short-term emissions of DPM could contribute to localized increases of particulate matter that may result in short-term nuisance impacts to nearby sensitive receptors. Short-term exposure to airborne particulates can result in irritation of the eyes and the respiratory system and may affect sensitive individuals, including those suffering from asthma and other medical conditions.

The use of diesel vehicles would be intermittent, partially occur during summer when children are not present at Riverdale High School and not expected to occur continuously throughout project construction. Furthermore, all construction would comply with CARB and SJVAPCD regulations related to engine tier requirements and fugitive dust control. The project would therefore not expose sensitive receptors to significant pollutant concentrations and this impact would be less than significant.

d. Result in other emissions (such as those leading to odors) adversely affecting a substantial number of people?

Less than Significant Impact

According to the SJVAPCD GAMAQI (San Joaquin Valley Air Pollution Control District, 2015), due to the subjective nature of odor impacts, the number of variables that can influence the potential for an odor impact, and the variety of odor sources, there are no quantitative or formulaic methodologies to determine the presence of a significant odor impact. Rather, SJVAPCD recommends that odor analyses strive to fully disclose all pertinent information. The intensity of an odor source's operations and its proximity to sensitive receptors influence the potential significance of odor emissions. SJVAPCD has identified some common types of facilities that have been known to produce odors in the San Joaquin Valley.

During construction, the project may produce odors associated with construction, such as vehicle exhaust odor, asphalt degassing, and paint fumes, although these odors are expected to be intermittent and would no longer be present once construction is complete.

The proposed Ag Barn is the only component of the project expected to emit objectionable odors by operation. The new Ag Barn would be used for the same purpose as the existing Ag Barn to house farm animals for educational purposes and would house animals that would be a source of objectionable odors. The proposed Ag Barn would be located approximately 500 ft north of the old Ag Barn, which is farther from all existing nearest receptors. Table 6 below displays the existing and proposed ag barns' distance from nearby receptors.

TABLE 6.
DISTANCE TO NEARBY RECEPTORS OF EXISTING AND PROPOSED AG BARN

Receptor	Approximate Distance to Existing Ag Barn	Approximate Distance to Proposed Ag Barn
Nearest residential home, located at 3230 Stathem St.	345 feet	960 feet
Varsity baseball field	410 feet	1,030 feet
Practice baseball field	415 feet	720 feet
Nearest football stadium bleachers	720 feet	1,150 feet
Nearest High School building	815 feet	1,360 feet
Row of Residential homes fronting Valley Oak Ln (across the farm west of Hazel Avenue)	930 feet	930 feet

Since the proposed ag barn structure would replace the existing ag barn with a similar function and capacity and be located farther from all existing nearby receptors, no significant increase in objectionable odor would be anticipated. Odors from construction would be intermittent and only present during construction. Therefore, the project would not produce significant odors that would adversely affect a substantial number of people. This impact would be **less than significant**.

4. Biological Resources

Would the project:	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Wildlife or U. S. Fish and Wildlife Service?		X		
b. Have a substantially adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Wildlife or U. S. Wildlife Service?			X	
c. Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				X
d. Interfere substantially with the movement of any resident or migratory fish or wildlife species or with established native resident migratory wildlife corridors, or impede the use of native wildlife nursery sites?		X		
e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?				X
f. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?				X

A Biological Resources Evaluation (BRE) report was prepared for this project by Blair, Church & Flynn and is included as Appendix B to this Initial Study. This Initial Study incorporates information and analysis from this report to evaluate impacts on biological resources.

Would the project:

a. Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U. S. Fish and Wildlife Service?

Less than Significant Impact with Mitigation Incorporated

The BRE identified 23 animal and 6 plant special status species that have occurred within the 9-topographic quadrangle search area as defined by the California Natural Diversity Database (see Table A. List of Special Status Plant Species, and Table B. List of Special Status Wildlife Species, in Appendix B).

The project site is a high school campus and land that is highly disturbed by agricultural uses and does not contain the natural communities or conditions preferred by most species on the CNDDB list. Additionally, the remainder of the site is an existing high school campus and its athletic fields, which are regularly maintained and do not provide a suitable habitat for any special status species. The on-site stormwater basin is the least disturbed location, although it was completely dry at the time of the survey. The property owner maintains the basin's vegetation annually by removing unwanted vegetation along the basin's top, slopes, and floor.

Some migratory birds, including the Swainson's Hawk (*Buteo swainsoni*), may nest in the ornamental trees located on the project site or in Cottonwood trees (*Populus fremontii*) in the stormwater basin. At the time of the site visit on February 26, 2025, abscission had occurred, and no evidence of past nesting was seen. A breeding pair of common ravens (*Corvus corax*) was observed building a nest on top of a large stadium light post. During a subsequent site visit on July 15, 2025, by school staff, the nest was reported gone. Ground squirrels (*Otospermophilus beechyi*) were observed in burrows along the stadium berms and the stormwater basin, but the burrows were not active and were filled in at the time. Western burrowing owls will utilize vacant or abandoned mammal burrow for nesting. However, no burrowing owls were seen, or signs of occupancy or indicators were observed.

During Phase 1, demolition of the athletic fields and stadium would include removing the stadium seats and soil berms, trees, and stadium lights. In Phase 2, the existing stormwater basin would be excavated to expand its capacity. Construction activities during all three phases would include clearing, grading, equipment and material storage, construction of temporary structures (work platforms), and painting or washing of structures. If construction occurs during the breeding season (February 1 to September 1), active nests could also be disturbed, potentially causing the loss of eggs or developing young (i.e., nest abandonment during the incubation, nestling or fledgling stages of these species). Disturbance to a breeding pair of migratory birds would be a significant impact as defined by the U.S. Fish and Wildlife Service (U.S. Fish and Wildlife Service, 2023).

Although no burrowing owls or signs of occupancy were observed during the site visit, there remains a low potential for burrowing owls to establish residence in or near the project site prior to the commencement of construction activities. Should burrowing owls occupy the site or its surrounding areas, construction activities could potentially impact this species, which is considered a candidate for endangered status. This would be a significant impact.

Therefore, the project shall implement the following mitigation to reduce the impact to less than significant.

Measure BR-1: Nesting Bird Avoidance and Minimization The nesting bird season is between February 1st and August 31st. Construction activity should be limited to the non-nesting bird season. If construction should occur during the nesting bird season, then a pre-construction nesting bird survey should be conducted to identify any active bird nests within the project area. The survey area should include a buffer area approximately 250' from potential nest sites (e.g., trees and light poles). If an active nest is observed, then one or more of the following actions shall occur:

- A 250' buffer around an active bird nest protected by the MBTA should be implemented.

- A 500' buffer should be implemented around an active raptor nest (e.g., Red-Tailed Hawk, Red-Shouldered Hawk, etc.).
- A 0.5-mile buffer around an active Swainson's Hawk nest. Additionally, a qualified biologist should be present to monitor the Swainson's Hawk nest to determine if construction activity is negatively affecting nesting behavior.
- If a buffer is not feasible, then a qualified biologist should regularly monitor active nests and shall stop construction if construction activity is negatively affecting the active bird nest. A buffer may still be required for an active Swainson's Hawk nest.
- A hybrid approach may be used where a buffer is set around an active bird nest until construction is required near the nest. At this point, a qualified biologist may start to monitor the bird nest.
- No bird nests shall be destroyed during the nesting bird season or when the nest is active.

Mitigation Measure BR-2 Burrowing Owl Surveys. Prior to the initiation of ground-disturbing activities, a qualified biologist shall conduct protocol-level burrowing owl surveys in accordance with CDFW's *Staff Report on Burrowing Owl Mitigation* (California Department of Fish and Game, 2012). Surveys will be conducted at appropriate seasonal windows to assess the presence of burrowing owl within suitable habitat. The surveys will cover the construction footprint of the upcoming phase to be initiated and a 150-meter (approximately 500-foot) buffer zone around the perimeter of the footprint.

Mitigation Measure BR-3. Burrowing Owl Avoidance and Minimization. If burrowing owls are detected during pre-construction surveys, then burrowing owl avoidance and minimization measures following CDFW's *Staff Report on Burrowing Owl Mitigation* shall be implemented. During the nesting season (February 1 through August 31) occupied burrowing owl burrows shall be avoided and will not be disturbed unless it is verified that either the birds have not begun egg-laying and incubation or the juveniles from the occupied burrows are foraging independently and are capable of independent survival without further parental care. If burrowing owl avoidance is not feasible, the project applicant shall implement additional mitigation measures, such as passive relocation, in consultation with CDFW, to minimize potential impacts to the species.

Level of Significance after Mitigation: With the implementation of Mitigation Measure BR-1, BR-2, and BR-3 this impact would be less than significant.

b. Have a substantially adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, and regulations or by the California Department of Fish and Game or U. S. Wildlife Service?

Less than Significant

The stormwater basin was completely dry at the time of the site visit and did not contain a large community of riparian plants aside from a few flat sedges near the basin's outfall grate. Hydrological features are present within the vicinity of the project site which include Turner Ditch, an agricultural canal owned and maintained by the Riverdale Irrigation District that is coterminous with the project's northern border. Turner Ditch is disturbed and lacks any water and vegetation at the time of the site visit. Other agricultural water bodies include Murphy Slough, located approximately 1,000 ft. north of the project, Riverdale Ditch, which is an underground canal running through the project area, and Burrel Ditch, which is located approximately 2,000 ft south of the project area. As mentioned previously, the project site is

disturbed and developed. No riparian habitat or other sensitive natural communities are present. Therefore, the impact is less than significant.

c. Have a substantial adverse effect on state or federally protected wetlands (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

No impact.
There are no state or federally protected wetlands within the project area. Therefore, the project would have no impact.

d. Interfere substantially with the movement of any resident or migratory fish or wildlife species or with established native resident migratory wildlife corridors, or impede the use of native wildlife nursery sites?

Less than Significant Impact with Mitigation Implemented
Migratory birds and resident wildlife may incidentally occur in the project area. The agricultural fields may provide foraging habitat for migratory birds, and the high school campus may provide foraging for other wildlife such as raccoons, foxes, coyotes, and birds of prey. Furthermore, migratory birds may use trees on site as nesting habitat. The implementation of the project would have a significant impact.

In addition to the implementation of Mitigation Measure BR-1, the following additional mitigation measures shall be implemented.

Mitigation Measure BR-4: General Wildlife Impact Mitigation. Excavation work deeper than 2' should include a means of escape for wildlife, such as using a plywood ramp or a similar structure. Trapped animals should be allowed to leave on their own; however, if the animal is not able to, the California Department of Fish and Wildlife shall be contacted for assistance with removing the animal.

All trash is disposed of and stored properly to avoid attracting animals that may pass through the site.

Level of Significance after Mitigation: With the implementation of Mitigation Measures BR-1, BR-2, BR-3, and BR-4, this impact would be less than significant.

e. Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?

No Impact
This project would not conflict with any local policies or ordinances protecting biological resources. There would be no impact.

f. Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Conservation Community Plan, or other approved local, regional, or state habitat conservation plan?

No Impact
There is no adopted Habitat Conservation Plan, Natural Conservation Community Plan, or similar plan that would conflict with the proposed project. There would be no impact.

5. Cultural Resources

Would the project:	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Cause a substantial adverse change in the significance of a historical resource pursuant to State CEQA Guidelines § 15064.5?			X	
b. Cause a substantial adverse change in the significance of an archaeological resource pursuant to State CEQA Guidelines § 15064.5?		X		
c. Disturb any human remains, including those interred outside of formal cemeteries?		X		

A Cultural Resource Inventory and Evaluation report was prepared for this project by Applied EarthWorks, Inc. and is included in Appendix C of this Initial Study. The study provides a summary of the project regulatory and environmental setting for both pre-contact and historical resources, study methods, findings, historic resource evaluations, and management recommendations. This Initial Study incorporates information and analysis from this report to evaluate potential impacts to Cultural Resources.

Regulatory Setting

Under CEQA, lead agencies must assess whether discretionary projects could significantly impact cultural resources. A significant impact occurs if a project would substantially alter or damage a historical resource—defined as a building, site, structure, object, or district with historical, cultural, architectural, archaeological, or scientific value (14 CCR §15064.5[b]). Such resources are those listed in or eligible for listing in the California Register of Historical Resources (CRHR). If adverse effects cannot be avoided, mitigation is required to reduce harm to the resource's significance (PRC §21083.2[c]), and these measures must be enforceable (14 CCR §15064.5[b][4]).

For this Initial Study, a cultural resource includes archaeological sites or historical-era properties (typically 45 years or older). Whether a resource is considered "historical" depends on its eligibility for the CRHR based on established significance criteria (14 CCR §15064.5[a]).

Would the project:

a. Cause a substantial adverse change in the significance of a historical resource pursuant to State CEQA Guidelines Section 15064.5?

Less than Significant Impact

The project would involve demolition or modification of four historic-era buildings or facilities (defined as 45 years of age or older): the Riverdale High School Stadium, the Baseball and Softball Practice Field, the north parking lot Restroom Facility, and the Pump Building. A Cultural Resources Inventory and Evaluation Report was prepared for the project (see Appendix C), which evaluated each structure/facility for eligibility for listing in the California Register of Historical Resources (CRHR).

Based on the findings in Appendix C, none of the historic-era buildings or facilities proposed for demolition or modification were found eligible for CRHR listing. In addition, the concession stand and agricultural barn that would also be demolished by the project were determined to be less than 45 years old and therefore not subject to CRHR eligibility evaluation.

As documented in Appendix C and summarized above, the project would not result in a substantial adverse change to the significance of any historical resource under CEQA Guidelines Section 15064.5. Therefore, impacts related to historical resources would be less than significant.

b. Cause a substantial adverse change in the significance of an archeological resource pursuant to State CEQA Guidelines Section 15064.5?

Less than Significant Impact with Mitigation Incorporated

As documented in the *Cultural Resource Inventory and Evaluation* (Appendix C), the cultural field survey identified one pre-contact artifact (a handstone isolate) and several historic-era materials (glass shards) on the earthen berms of the stadium. The presence of these materials, combined with the unknown origin of the imported fill used to construct the berms between 1942 and 1950, indicates an elevated potential for the presence of additional cultural resources within the berm soils that could be disturbed during excavation.

In the northern farmland portion of the project area, ground visibility was limited due to dense vegetation. Although this area has been previously disturbed by agricultural activities, it remains undeveloped. Farming often displaces but does not entirely destroy subsurface archaeological deposits. As such, there is potential for both pre-contact and historic-era archaeological resources to remain intact within this area.

In consultation with the Santa Rosa Rancheria Tachi Yokut Tribe (SRR), tribal representatives indicated that the area encompassing modern-day Riverdale is considered sensitive for the presence of tribal cultural resources. Appendix C provides a brief overview of the pre-contact history of the Tachi Yokuts, a southern Valley Yokuts-speaking people with longstanding historical, cultural, and spiritual ties to the Tulare Lake region. Given this context, and the history of pre-contact occupation in the area, the potential for unanticipated discovery of tribal archaeological resources is considered likely.

Based on the findings in Appendix C and as discussed in Section 18 *Tribal Cultural Resources*, the project has the potential to cause a significant adverse impact to archaeological resources. However, with implementation of the following mitigation measures, impacts would be reduced to a less than significant level.

Mitigation Measure CULT-1 Full-Time Archaeological Monitoring. Due to the known sensitivity of the Project area, a qualified archaeologist shall monitor ground-disturbing activities during all phases of the proposed Project. The archaeologist will coordinate with the Tribal monitor (if available), construction contractor, and RJUSD representatives to determine the grading schedule, sensitivity training needs, and procedures to follow if inadvertent finds are discovered. Monitoring shall continue until all ground-disturbing activities for each phase are complete or as otherwise agreed upon in writing by the project archaeologist, any involved SRR Tribal representative(s), and RJUSD.

RJUSD shall contract with a qualified firm to ensure an archaeological monitor will be on site during all ground-disturbing activities in areas of high concern. These activities include:

- Excavation of the existing soil berm of the stadium;
- Trenching or excavation for utilities deeper than 1.5 foot below the existing ground surface in all Project areas;
- Excavation of the stormwater basin;
- Initial earthwork for the multi-use athletics fields in undeveloped farmland, until soil import activities have concluded; and
- All earthwork for the agricultural barn in undeveloped farmland.

The archaeological monitor shall have the authority to temporarily halt or redirect construction activities if potentially significant cultural resources are encountered. If such resources are identified, all earthwork in the vicinity shall cease, and Mitigation Measures (MM) CULT-5 and TC-3 shall be implemented. If no SRR tribal representative is available or present during earthwork, the archaeological monitor shall also monitor for the presence of tribal cultural resources (TCRs).

Mitigation Measure CULT-2 Part-Time Archaeological Monitoring. In addition to CULT-1, areas of moderate concern shall also be monitored by a qualified archaeologist who, in coordination with the Tribal monitor (if available), will conduct periodic spot-check monitoring of earthwork activities including:

- Grading for the redevelopment of the stadium;
- Grading for the redevelopment of the parking lot;
- Grading for the redevelopment of South Hazel Avenue; and
- Grading of the multi-use athletics fields, after soil import has concluded.

The frequency and schedule of spot-check monitoring shall be determined in consultation with any involved SRR Tribal monitor/representative prior to the start of construction, based on the sensitivity of the area and the scope of ground disturbance. The archaeological monitor shall have the authority to temporarily halt or redirect construction activities if potentially significant cultural resources are encountered. If any potentially significant cultural resources are discovered, all work in the vicinity area shall cease, and MM CULT-5 and TC-3 shall be implemented. If no SRR tribal representative is available or present during earthwork, the archaeological monitor shall also monitor for the presence of TCRs.

Mitigation Measure CULT-3 Worker Environmental Awareness Program. A Worker Environmental Awareness Program shall be conducted prior to any ground-disturbing activities. The purpose of the training is to educate the construction crew and establish protocols for treating unanticipated cultural resource finds. The project archaeologist shall provide cultural resources awareness training to all construction personnel. This training will include descriptions of the types of resources that may be found in the Project area, the protocols to be used in the event of an unanticipated discovery, provide contact information for the archaeological firm and the monitoring Tribe, and identify the laws protecting significant archaeological and historical resources. The archaeological firm will coordinate with any involved Tribal monitor to include any additional concerns in the workers environmental training program presentation, to temporarily provide information to construction personnel should a representative not be immediately available to provide the Tribal training in MM TC-3. Such concerns could include Assembly Bill 52 (AB 52) requirements, laws and regulations, respect for Tribal requests, the ability to temporarily redirect construction traffic by both cultural monitors, and any other concerns as applicable.

The training may be provided via a pre-recorded video or given on site by the archaeologist as needed and will be conducted in coordination with the Tribal training required in MM TC-5, and attendance shall be documented by sign-in sheets or equivalent verification. Documentation shall be submitted to the District prior to the commencement of ground disturbance and included in reports prepared pursuant to MM CULT-6.

For the purposes of this measure, "construction personnel" includes contractors, subcontractors, equipment operators, laborers, and supervisory staff engaged in or overseeing ground-disturbing activities. The term does not include delivery drivers, vendors, furniture installers, or other workers whose on-site presence is limited to short-term tasks outside of ground-disturbance areas. This training requirement applies only during the period in which ground-disturbing activities occur. Once all earthwork is complete, additional trainings for new personnel is not required.

Mitigation Measure CULT-4 Monitoring Plan. Archaeological and any Tribal monitoring methods and procedures shall be documented in a Cultural Resource Monitoring Plan (CRMP). At least 30 days prior to construction of the Project's first phase, the project archaeologist, in coordination with any involved Tribal monitor, will begin preparing the CRMP. The CRMP shall be approved by the RJUSD at least 5 days prior to the start of construction and a final copy maintained on site throughout construction activities. The CRMP will cover all phases of Project development and, at a minimum, outline the project schedule, define the areas to monitor, identify the roles of the archaeologist and any involved Tribal monitor/representative, provide contact information, review safety procedures, and discuss the procedures to follow in the event of a cultural resource discovery.

Mitigation Measure CULT-5 Unanticipated Discoveries. If any cultural materials are identified, the archaeologist should temporarily halt the ground disturbance within 100 feet of the find(s) and notify any involved Tribal monitor and on-site supervisor. The archaeologist, in coordination with the Tribal monitor, shall assess the find to determine if materials are isolated or part of a larger archaeological deposit. If an archaeological site is identified, the resource should be evaluated for significance under CEQA criteria and further treatment measures may be required. The evaluation shall consider the resource's eligibility and its potential as a TCR under PRC Section 21074. If the resource(s) is determined to be a TCR, procedures outlined in the CRMP and MM TC-3 will be followed. Should the discovery be identified as human remains, procedures outlined in California Health and Safety Code 7050.5 will be followed.

Mitigation Measure CULT-6 Monitoring Report. A monitoring report shall be prepared by the project archaeologist within 60 days of completion of all construction monitoring for each phase of Project development. The reports will, at a minimum, describe the methods of monitoring, discuss any cultural resources discovered and how they were managed, include an evaluation of eligibility for the discovered resources, if applicable; provide a list of involved personnel; and provide any additional recommendations if appropriate. Once each report has been finalized, the archaeologist will prepare final digital submissions for RJUSD and the monitoring Tribe. The archaeological firm will also submit digital copies to the SSJVIC.

Level of Significance After Mitigation: With the implementation of Mitigation Measures CULT-1 through CULT-6, impacts would be less than significant.

c. Disturb any human remains, including those interred outside of dedicated cemeteries?

Less than Significant Impact with Mitigation Incorporated

In the unlikely event that subsurface human remains are discovered during construction, Mitigation Measure CULT-5 has been incorporated into the project.

Level of Significance After Mitigation: With the implementation of Mitigation Measure CULT-5, this impact would be less than significant.

6. Energy Resources

Would the project:	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Result in potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?			X	
b. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?		X		

An Energy Impact Assessment was prepared by Blair, Church & Flynn for the proposed project and is included in Appendix D to this Initial Study. This Initial Study uses information from that analysis to evaluate the proposed project impacts.

Environmental Setting

The State of California uses the second most energy in the United States, behind Texas, due to its large population and economy. However, California is ranked the 4th lowest user of energy per capita in the nation due to its energy efficiency efforts and mild climate. With the state's large size, transportation takes up the largest amount of energy consumption at 42% of total energy usage. Residential, commercial, and industrial energy usage each comprise close to 20% of the state's energy usage (U.S. Energy Information Administration, 2024).

The consumption of non-renewable energy is directly related to air quality and greenhouse gas (GHG) emissions. The demand for fossil fuels from transportation, building operations, and energy generation contributes to the emission of criteria air pollutants and greenhouse gases. These environmental impacts are discussed in detail in Section 3 *Air Quality*, and Section 8, *Greenhouse Gas Emissions,* and the *Air Quality & Greenhouse Gas Impact Analysis* in Appendix A.

Regulatory Setting

The California Building Standards Code (CBC) contains general building design and construction requirements for various safety, access, and energy efficiency standards. These standards are commonly referred to as "Title 24". Title 24 of CBC mandates that new buildings and facilities be designed and constructed following minimum energy efficiency standards for electrical and mechanical systems to ensure that energy is used efficiently by new facilities. Title 24 also includes CALGreen regulations focused on sustainability, energy efficiency, water conservation, and electric vehicles (EV) parking stalls (Division of State Architects, 2025).

Would the project:

a. Result in a potentially significant environmental impact due to wasteful, inefficient, or unnecessary consumption of energy resources, during project construction or operation?

Less Than Significant Impact

Construction-Related Energy Consumption

Energy consumption during the construction of the proposed project would include fuel use for operating off-road equipment on-site and vehicles traveling to and from the construction site. Appendix D, Table 1, outlines the energy usage levels associated with construction activities. It is estimated that off-road construction equipment would consume 46,919 gallons of diesel fuel, while on-road vehicles would use approximately 8,907 gallons of gasoline and 371 gallons of diesel fuel. In total, fuel consumption throughout the project would amount to about 7,631 million metric British thermal units (MMBTU).

The energy use of construction equipment would be consistent with that of similar land development projects. Therefore, the project is not expected to require the use of equipment that is more energy-efficient than what is typically utilized for comparable developments. Additionally, idling of on-site equipment would be restricted to a maximum of five minutes, following San Joaquin Valley Air Pollution Control District (SJVAPCD) regulations.

Where feasible, on-site construction equipment may incorporate alternative fuels, such as natural gas. The energy consumption associated with construction would be temporary and is not expected to necessitate additional capacity or lead to increased electricity demand during peak periods.

As a result, the construction of the proposed facilities and improvements would not lead to inefficient, wasteful, or unnecessary energy consumption, and impacts would be considered **less than significant**.

Operational Mobile-Source Energy Consumption

Operational mobile-source energy consumption would be primarily associated with trips to and from the project. Fuel uses for total project operational year conditions of 2028 are summarized in Table 2 of Appendix D. The additional vehicle trips associated with the proposed remodeled and new land uses would consume an annual estimated 411 gallons of diesel and 818 gallons of gasoline.

The estimated total fuel usage would equate to the consumption of an estimated 154.90 MMBTU. The proposed project would not result in increased fuel usage that would be considered unnecessary, inefficient, or wasteful. This impact would be considered **less than significant**.

Operational Building-Use Energy Consumption

The long-term operation of the proposed facilities would lead to an increase in electricity and natural gas consumption. However, the buildings would be required to adhere to Title 24 energy efficiency standards, ensuring the incorporation of enhanced insulation, energy-efficient lighting and appliances, low-flow water fixtures, and low water irrigation.

As outlined in Table 3 of Appendix D, once fully built out, the new and remodeled facilities are expected to use approximately 249,625 kilowatt-hours of electricity annually and 954,662 kilo British thermal units of natural gas per year, resulting in a total annual energy consumption of 1,806.38 MMBTU.

By complying with the most up-to-date energy efficiency regulations under Title 24, the project would not be expected to result in unnecessary, wasteful, or inefficient energy use. Consequently, the impact of the project on energy consumption would be considered **less than significant**.

b. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency?

Less than Significant Impact with Mitigation Incorporated

As previously discussed, the proposed land uses are not expected to generate excessive or unnecessary vehicle trips. Additionally, the project would not lead to increased fuel consumption that would conflict with existing plans, policies, or regulations aimed at reducing future fuel usage.

California's Energy Efficiency Strategic Plan sets a goal for buildings to achieve net-zero energy consumption in new residential, commercial, and governmental structures. All public-school projects in California must undergo plan review by the Division of the State Architect (DSA) and comply with DSA and California Energy Commission (CEC) Energy Efficiency Standards. These regulations guarantee that educational facilities do not contribute to excessive fuel use or unnecessary energy consumption. Furthermore, the project would implement Mitigation Measure GHG-1, which would prohibit the installation of natural-gas-fueled appliances and building mechanical equipment, resulting in an impact that is less than significant.

Level of Significance After Mitigation: With the implementation of Mitigation Measure GHG-1, this impact would be less than significant.

7. Geology and Soils

Would the project:	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Directly or indirectly cause potential substantial adverse effects, including the risk of loss, injury, or death involving:				
(i) Rupture of a known earthquake fault, as delineated on the most recent Alquist- Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.				X
(ii) Strong seismic ground shaking?			X	
(iii) Seismic-related ground failure, including liquefaction?				X
(iv) Landslides?				X
b. Result in substantial soil erosion or the loss of topsoil?			X	
c. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?				X
d. Be located on expansive soil, as defined in Table 18-a-B of the Uniform Building Code (1994), creating substantial direct or indirect risks to life or property?				X
e. Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?				X
f. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?		X		

Environmental Setting

Proximity to Earthquake Faults and Seismic Activity

According to the California Geological Survey, the project site's associated parcels are not within an Earthquake Fault Zone, Landslide Hazard Zone, or Liquefaction Hazard Zone (California Geological Survey, 2025). There are no known faults within the project vicinity, with the nearest known fault, the San Andreas Fault, located approximately 49 miles southwest. According to the Fresno County Multi-Hazard Mitigation Plan, seismic activity in Fresno County is relatively low, but the local faults have the potential

to produce high-magnitude earthquakes throughout the County (County of Fresno, 2018). However, the implementation of newer building codes would mitigate the risk of damage from seismic shaking.

Soil Type, Drainage, and Groundwater Levels.
The project Site is underlain by Chino loam, which is a poorly drained soil type, but has low runoff (USDA - Natural Resources Conservation Service, 2024). Groundwater depth can be estimated using data from the California Department of Water Resources' California's Groundwater Live website, (California Department of Water Resources, 2024). A well approximately 2,500 feet to the west last measured a depth to groundwater of 160 feet on March 18, 2024, (California Department of Water Resources, 2024).

Would the project:

a. Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:

(i) Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.

No Impact
According to the Department of Conservation, California Geologic Survey's *Special Publication 42, Earthquake Fault Zones* and the referenced *Seismic Hazards Program: Alquist-Priolo Fault Hazard Zones* web map, the project site is not near any known active earthquake faults (California Department of Conservation, 2018) (California Department of Conservation, n.d.). Therefore, there would be no impact.

(ii) Strong seismic ground shaking?

Less than Significant
Though the project does not exist over any known earthquake faults, the Fresno County Multi-Hazard Mitigation Plan does note that high-magnitude earthquakes may occur in the area, though at a relatively low frequency. However, the implementation of modern building codes would mitigate the risk of damage from seismic shaking to new construction. There would be a less than significant impact.

(iii) Seismic-related ground failure, including liquefaction?

No Impact
No potential liquefaction hazard has been identified in the Riverdale area (United States Geological Survey 2021). Additionally, the soil and groundwater levels are not conducive to liquefaction (County of Fresno, 2018). There would be no impact.

(iv) Landslides?

No Impact
The Project is located on the valley floor of the Central Valley and not in the vicinity of any elevated geography, such as mounds, hills, cliffs, or mountains. Landslides would not be possible at the project site. Therefore, there would be no impact.

b. Result in substantial soil erosion or the loss of topsoil?

Less than Significant Impact

Since the site is not hydrologically connected to Waters of the U.S. (WOTUS), the project would qualify for a Notice of Non-Applicability (NONA) in accordance with State Water Resources Control Board Order 2022-0057-DWQ, California General Permit for Stormwater Discharges from Construction Activity. A NONA ultimately eliminates the requirements for stormwater pollution prevention, only because the project would not pose a threat to WOTUS. Specifically, the project would discharge all flows to an on-site, terminal basin to the north that is adequately sized to capture stormwater runoff from the project site. Regardless, the project would implement measures to minimize erosion damage to the project site during and after construction.

The SJVAPCD administers Regulation VIII related to fugitive dust control requirements for projects larger than one acre. These regulations would require the contractor to implement wind erosion prevention measures over the course of construction. Since the project would be required to comply with and implement these regulations related to erosion control, there would be a less than significant impact.

c. Be located on a geologic unit or soil that is unstable, or that would become unstable as a result of the project, and potentially result in on- or off-site landslide, lateral spreading, subsidence, liquefaction, or collapse?

No Impact

According to the California Geological Survey, the project site is not located within any known Earthquake Hazard Zone, Liquefaction Hazard Zone, or Landslide Hazard Zone. There would be no impact.

d. Be located on expansive soil, as defined in Table 18-a-B of the Uniform Building Code (1994), creating substantial risks to life or property?

No Impact

The underlying soil type is Chino Loam and is not considered an expansive soil. There would be no impact.

e. Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

No Impact

The project would involve the connection of an on-site sewer system with the public sanitary sewer system owned and operated by the Riverdale Public Utility District. There would be no need for septic tanks or alternative wastewater disposal structures. There would be no impact.

f. Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

Less than Significant with Mitigation Incorporated

The Phase 1 project site is an existing high school campus. The areas of Phase 2 and 3 project site is existing farmland, which is regularly tilled and ripped down to four feet depth. The project site has been previously disturbed, as well as the surrounding areas with no known occurrences of the discovery of paleontological resources. Nevertheless, the possibility remains that the inadvertent or accidental discovery could occur during ground-disturbing construction activities. However, Mitigation Measure

GEO-1, below, would serve to protect the accidental discovery of paleontological resources. As such, the impact is less-than-significant with mitigation incorporated.

Mitigation Measure GEO-1: **Inadvertent Paleontological Resource Discovery.** If paleontological resources are inadvertently discovered during ground-disturbing activities, all work within 50 feet of the discovery shall be halted and the construction supervisor shall immediately notify the District and retain a qualified paleontologist who meets the standards of the Society of Vertebrate Paleontology (Impact Mitigation Guidelines Revision Committee - Society of Vertebrate Paleontology, 2010) to evaluate the find. The paleontologist shall assess the significance of the discovered resource in accordance with CEQA Guidelines Section 15064.5 and SVP guidelines.

If the find is determined to be a significant paleontological resource, the paleontologist shall develop and implement a treatment plan in consultation with the lead agency. The treatment plan may include, but is not limited to, recovery and curation of the resource at an accredited repository, documentation of the find, and preparation of a report summarizing the methods and results of the recovery. Ground-disturbing activities in the vicinity of the discovery shall not resume until the paleontologist determines that the site has been appropriately managed and cleared for continued work.

Level of Significance After Mitigation: With the implementation of Mitigation Measure GEO-1, this impact would be less than significant.

8. Greenhouse Gas Emissions

Would the project:	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?			X	
b. Conflict with any applicable plan, policy, or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?		X		

An Air Quality & Greenhouse Gas Impact Analysis report was prepared for this project by Blair, Church & Flynn and is included as Appendix A to this Initial Study. This Initial Study incorporates information and analysis from this report to evaluate Greenhouse Gas (GHG) related project impacts.

Regulatory Background

Federal Regulations

Federal Clean Air Act

The FCAA was initially signed into law in 1970, to attain national air quality standards, or the National Ambient Air Quality Standards (NAAQS). Each state is required to establish and meet its own State Implementation Plans (SIPs). An amendment in 1990 requires states to revise their SIPs or have the federal government establish its own Federal Implementation Plan (FIP) should a state fail to meet its SIP. The U.S. Environmental Protection Agency is responsible for implementing the FCAA, including developing NAAQS.

State Regulations

California Clean Air Act

The California Clean Air Act of 1988 establishes the responsibilities of the Air Resources Board (ARB) of California. These responsibilities include the development of the California Ambient Air Quality Standards, which are more encompassing and stringent than the national standards (i.e., the NAAQS). Additionally, the CCAA requires that the ARB oversee regionalized air quality control districts to ensure they achieve their ambient air quality standards.

Air Resources Board – 2017 and 2022 Scoping Plan

The Air Resources Board (ARB) adopted Scoping Plans in 2017 and 2022, which address emission reduction targets set by SB 32 and AB 1279, respectively. The 2017 scoping plan's goal is to reduce emissions 40% below 1990 emissions by 2030 (California Air Resources Board, 2022). The 2022 Scoping Plan builds upon the 2017 plan by aiming for carbon neutrality by 2045 (California Air Resources Board, 2022). Both plans discuss measures and strategies to help achieve these goals.

Regional Regulations

San Joaquin Valley Air Pollution Control District (SJVAPCD) Climate Action Plan

The SJVAPCD's Climate Change Action Plan (CCAP) was released in 2009 and discusses the SJVAPCD's thresholds for significance for GHG impacts. The CCAP based its requirements on the Air Resources Board's (ARB's) original scoping plan in 2008 (San Joaquin Valley Air Pollution Control District, 2009). The CCAP, therefore, states that a project's impact is less than significant if a project's GHG emissions are 29% less than Business as Usual emissions. BAU emissions are GHG emissions modeled to occur in 2020, based on a 3-year average (2002-2004). The 29% reduction standard is the difference between 2020 BAU emissions to 1990 levels. The ARB's most recent scoping plan sets a goal of achieving 40% emission reductions below the 1990 levels by 2030. A consistency analysis was performed to show that the project is consistent with the 2022 Climate Change Scoping Plan's 40% below 1990 emissions goal, and the project is therefore consistent with the SJVAPCD's CCAP 1990 emissions goal.

Local

Fresno Council of Governments Regional Transportation Plan and Sustainable Communities Strategy

The FCOG's RTP/SCS contains goals that would improve the accessibility and mobility for communities in Fresno County, while also considering the overall impact of transportation on climate change, health, and equity (Fresno Council of Governments, 2024). The project was analyzed by checking the project's consistency with the FCOG's RTP/SCS's goals, as listed in Chapter 4, Implementing the Plan, of this Initial Study.

Fresno Council of Governments Priority Climate Action Plan

The FCOG intends to prepare a comprehensive, regional climate action plan, and the Priority Climate Action Plan (PCAP) is the first component of this process. The FCOG received funding from the federal government through the Inflation Reduction Act of 2022 to develop the PCAP, and its purpose is to inventory greenhouse gas emissions within Fresno County and to propose industry-based reduction measures. FCOG's next step is to develop a Comprehensive Climate Action Plan which will build upon the PCAP. The PCAP does not currently provide a reduction goal like the ARB's 2022 Scoping Plan, but the project will still be analyzed for consistency with the PCAP to ensure the project does not impact any applicable greenhouse gas reduction efforts.

Determination of Significant Impacts

As of May 2025, neither CARB, SJVAPCD, nor the County of Fresno have adopted recommended numerical GHG significance thresholds applicable to development projects for CEQA purposes. Therefore, the methodology for evaluating the project's impacts related to GHG emissions focuses on its consistency with statewide, regional, and local plans that have been adopted to reduce and mitigate GHG emissions. This approach has been deemed appropriate for analyzing a project's GHG impact by the Governor's Office of Land Use and Climate Innovation (LUCI) (formerly the Governor's Office of Planning and Research) and has been upheld in court challenges (Governor's Office of Planning and Research, 2018) (Mission Bay Alliance v. Office of Community Investment & Infrastructure, 2016). This evaluation of consistency with such plans serves as the sole basis for determining the significance of the project's GHG-related impacts on the environment. The project's GHG emissions have been quantified and are included in this Initial Study for informational purposes.

Would the project:

a. Generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment?

Less than significant

Short-Term Construction

As depicted in Table 10 of Appendix A, the construction of the project would generate a total of approximately 644 Metric Tons of CO_2 Equivalent per year ($MTCO_2e$/year). Amortized emissions, when averaged over an assumed 30-year life of the project would total approximately 21.46 $MTCO_2e$/year.

Long-Term Operation

Operational GHG emissions from the facility's estimated operational years of 2026 and 2028 are summarized in Table 11 of Appendix A. With the inclusion of amortized construction-generated emissions, the facility would generate a total of approximately 133.67 $MTCO_2e$/year upon operation of all phases. A majority of the project's GHG emissions, approximately 74.50%, would be associated with energy use. The remaining minority of estimated project GHG emissions would be 11.09% from mobile sources, 8.81 % from waste generation, 3.29% from water use, and 2.34% from area sources.

With the inclusion of Mitigation Measure GHG-1, prohibiting the use of natural gas infrastructure, and compliance with the 2022 Building Energy Efficiency Standards, the impact is considered less than significant.

b. Conflict with any applicable plan, policy, or regulation of an agency adopted for the purpose of reducing the emissions of greenhouse gases?

Less than significant impact with Mitigation Incorporated

As previously discussed, compliance with applicable GHG reduction plans would result in a less than significant impact from project-generated GHG emissions. The FCOG has adopted the 2022 Regional Transportation Plan and Sustainable Communities Strategies (RTP/SCS) (Fresno Council of Governments, 2022) and a Priority Climate Action Plan (PCAP) (Fresno Council of Governments, 2024) that include measures to reduce GHG emissions. Additionally, relevant measures aimed at reducing operational GHG emissions are included in the CARB's 2022 Climate Change Scoping Plan (California Air Resources Board, 2023). The project's consistency with these plans is further detailed below.

CARB's 2022 Climate Change Scoping Plan

The 2017 Climate Change Scoping Plan set a goal of reducing statewide GHG emissions to 40% below 1990 levels by 2030, as required by SB 32. On November 16, 2022, the CARB approved the 2022 Scoping Plan for Achieving Carbon Neutrality. This updated plan continues efforts to meet the SB 32 target and builds upon previous strategies by aiming for an 85% reduction in GHG emissions below 1990 levels by 2045.

Key strategies to achieve SB 32's goals include promoting sustainable communities through zero net energy buildings and enhanced transportation options that reduce vehicle miles traveled (VMT). Additional measures focus on increasing the use of low-carbon fuels and cleaner vehicles. Analysis of consistency with measures from the CARB's 2022 Scoping Plan, is discussed in Table 12 in Appendix A.

This consistency analysis demonstrates, the Project is consistent with all applicable measures/actions of the CARB 2022 Scoping Plan, with the addition of Mitigation Measure GHG-1 and AG-1.

FCOG 2022 Regional Transportation Plan and Sustainable Communities Strategies

The FCOG's 2022 RTP/SCS outlines transportation strategies aimed at reducing regional GHG emissions. Based on the rationale in this initial study, the project would not increase vehicle miles traveled (VMT), demonstrating that the project aligns with planned growth and the objectives outlined in the FCOG's 2022 RTP/SCS. Analysis of all relevant measures is shown in Table 13 in Appendix A. As discussed in Table 13, the project is consistent with all applicable goals of the FCOG's PCAP GHG reduction goals.

FCOG Priority Climate Action Plan

The FCOG's PCAP outlines five draft measures for the transportation sector, four for the agricultural sector, ten for the building energy sector, and four for the waste sector. Analysis of consistency with relevant measures is shown in Table 14 in Appendix A. As discussed in Table 13, the project is consistent with all applicable measures and the intent of the FCOG's PCAP GHG reduction measures that do not directly apply to the project.

As previously noted, the proposed project aligns with regional vehicle miles traveled (VMT) reduction targets since it would not increase VMT. However, it does not incorporate Best Management Practices necessary to fulfill its "fair share" in supporting the State's long-term climate objectives, including the 2045 carbon neutrality goal. Therefore, this impact would be considered potentially significant.

Mitigation Measures

> **GHG-1: Natural Gas Prohibition.** Building mechanical equipment and appliances shall be electrically powered. The installation of natural-gas service/infrastructure shall be prohibited.

Significance After Mitigation

Mitigation Measure GHG-1 would prohibit the construction of natural gas infrastructure and the use of natural gas-powered appliances and mechanical systems. This measure would further minimize the project's on-site GHG emissions. With this mitigation in place, and as discussed above, the proposed project would align with CARB's 2022 Climate Change Scoping Plan, and the FCOG's 2022 RTP/SCS, the FCOG's PCAP to contribute its fair share toward achieving the State's carbon neutrality goal by 2045, as outlined in Executive Order B-55-18.

With mitigation, the project's GHG emissions would not result in significant environmental impacts or conflict with applicable GHG reduction policies, plans, or regulations, therefore this impact would be considered less than significant with mitigation incorporated.

9. Hazards and Hazardous Materials

Would the project:	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?			X	
b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?			X	
c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?			X	
d. Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?				X
e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?				X
f. Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?			X	
g. Expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?				X

Regulatory Setting

DTSC Evaluation & Cleanup-Up of School Sites

The Department of Toxic Substances Control (DTSC) administers the requirements of Education Code (EDC) Sections 17210, 17213.1, and 17213.2 for school projects that use California Department of Education (CDE) funds. These codes require that a school district prepare a Phase 1 Environmental Site Assessment (ESA) to investigate a proposed school site for potential contamination with hazardous materials and publish the investigation to the public. The *Phase I ESA with Title 5 Environmental Hazardous Review, & Limited Phase II Investigation* completed for the project is included in Appendix E.

Hazardous Material and Waste Handling Regulations

California Health and Safety Code Section 25501(p) defines hazardous material as: "…any material that, because of its quantity, concentration, or physical or chemical characteristics, poses a significant present or potential hazard to human health and safety or the environment if released into the workplace or the environment. 'Hazardous materials' include, but are not limited to, hazardous substances, hazardous

waste, and any material that a handler or the administering agency has a reasonable basis for believing that it would be injurious to the health and safety of persons or harmful to the environment if released into the workplace or the environment."

Hazardous materials are expected to be handled, used, and disposed of during construction and during operation. State and Federal regulations set rules for hazardous material and waste handling for the project, during construction and afterwards. Such regulations include Title 49 of the Code of Federal Regulations and Title 13 of the California Code of Regulations which set rules for the transport of hazardous materials. Additionally, Chapter 6.95 of the California Health and Safety Code sets rules for the proper management of hazardous materials and wastes onsite during day-to-day operation.

Project construction activities would involve the transport, use, and disposal of hazardous materials including asphalt (petroleum hydrocarbons), gasoline (petroleum hydrocarbons), and Portland Cement (calcium and aluminum silicates). During construction, contractors and sub-contractors would need to meet State and Federal requirements with their day-to-day handling and disposal of hazardous materials.

During Operation, the project site would need to comply with the same State and Federal regulations by which they are currently abiding. The structures that would be constructed would have the same uses as the structures that exist on-site at the time of this impact analysis (e.g., athletic fields, ag barn, and parking lot). Hazardous materials such as, but not limited to, cleaners, paint, paint thinners, gasoline, and automotive fluids are already in use on-site, and the Riverdale Joint Union School District has been implementing necessary best management practices to minimize the risk of hazardous material spills and exposure.

On-Site Hazardous Settings

The District prepared a Phase I Environmental Site Assessment (ESA) with Supplemental Investigations for Title 5 Environmental Hazardous Material Review and a Limited Phase II Investigation for historical agricultural contaminants, which informs this section and is included in Appendix E.

The current land uses at the project site include row crop cultivation (i.e., corn), an existing education ag barn, an existing parking lot, and existing athletic facilities (e.g., stadium). Historical aerial photography show that the project site has been used to cultivate row crops since at least 1937 and presumably earlier. Later historical aerial photographs show Riverdale High School, and its associated stadium and parking lot have been on-site since 1950, and the ag barn since 1984. Additionally, the 1937 aerial photographs show residences and the Riverdale Ditch (irrigation canal) at the project site that are no longer present. These structures have since been demolished and removed, however there is a potential that the surrounding soil may be contaminated from historic use of lead-based paint or termiticide. Soil along the historic alignment of the abandoned and filled-in Riverdale Ditch also has a potential to be contaminated with agricultural chemicals that were focused into the historic irrigation ditch. However limited soil sampling for agricultural chemicals was completed as a part of the Phase I Environmental Site Assessment (ESA) with Supplemental Investigations for Title 5 Environmental Hazardous Material Review and a Limited Phase II Investigation, which found that samples for organochlorine pesticides were not found above laboratory reporting limits.

The State Water Board tracks Leaky Underground Storage Tanks (LUSTs), such as those containing petroleum products, using its GeoTracker website. According to GeoTracker, there are no LUSTs on the project site or within its vicinity (State Water Resources Control Board, 2025).

The Department of Toxic Substances Control (DTSC) tracks cleanup, permitting, enforcement, and investigation efforts at hazardous waste facilities or sites within known contamination or sites where there may be reasons to investigate further; they use their EnviroStor data management system (California Department of Toxic Substances Control, 2025). According to EnviroStor, a Preliminary Environmental Assessment (PEA) was prepared for a neighboring parcel to the west due to the potential for contamination remaining from past agricultural practices. Potential contaminants include Arsenic, dichlorodiphenyldichloroethane (DDD), dichlorodiphenyldichloroethylene (DDE), dichlorodiphenyltrichloroethane (DDT), and polychlorinated biphenyl (PCB). According to the DTSC Approval of Revised Preliminary Environmental Assessment Report issued on July 30, 2007, "neither a release of hazardous material nor the presence of a naturally occurring hazardous material which would pose a threat to public health or the environment under unrestricted land use was indicated at the site […] DTSC concurs […] that no further investigation of the site is required […] " (Department of Toxic Substances Control, 2007). The specific area that was studied is outside the areas of improvement for this project, but the land uses between the two areas are the same—row crop cultivation. Additionally, the Phase I ESA included near surface soil sampling which did not detect any remaining organochloride pesticides and detected low levels of 4,4'-DDE (below the DTSC's screening levels). Arsenic was detected at levels above the DTSC's screening levels; however, the levels of Arsenic are typical for the region from a naturally occurring geological sources and is naturally present at similar concentrations along the west side of the Central Valley.

The District has conducted certified asbestos surveys of all buildings at the site and determined that asbestos was not present in any buildings, include the buildings that would be demolished throughout the course of this project. Copies of these survey reports are available upon request.

Emergency Plans and Evacuations

Fresno County adopted a multi-jurisdictional hazard mitigation plan in 2009, with the most recent version adopted in 2018 (County of Fresno, 2018). Though this plan addresses concerns throughout the Central Valley, there is no specific hazard associated with Riverdale.

The Fresno County Sheriff's Office manages evacuations for the county and has an online GIS map showing road hazards, evacuation order statuses, and road closures throughout the County. The GIS map may reflect evacuation statuses associated with wildfires or other hazards.

Wildfire Risk

CalFire maintains a Fire Hazard Severity Zone map for the State of California. Riverdale is not currently in any fire hazard zones, and the nearest fire hazard zones are approximately 24 miles to west in the Coastal Range and approximately 25 miles to the East in the western Sierra Nevada Foothills (CalFire, 2025)

Would the project:

a. Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?

Less than Significant Impact

Project construction activities would involve the routine use and disposal of hazardous materials including asphalt (petroleum hydrocarbons), gasoline (petroleum hydrocarbons), and Portland Cement (calcium and aluminum silicates). Project operational activities would involve the routine use

and disposal of hazardous materials including pesticides, cleaners, and paint. Construction and operational activities would not require the routine transport of hazardous materials.

Though the project would not require the routine transport of hazardous waste, the District would require the project contractors and employees to transport, use, and dispose of hazardous materials following labeled directions and applicable government local, regional, state, and federal regulations. Transportation-related regulations include Title 49 of Code of Federal Regulations and Title 13 of California Code of Regulations. Regulations to ensure proper inventory and storage of hazardous materials and wastes include Chapter 6.95 of California Health and Safety Code.

Implementing existing regulations would ensure that the project would not create a significant hazard to the public or environment related to the use, transport, disposal, accidental release, or handling of hazardous materials, substances, or waste. Impacts would therefore be less than significant.

b. Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

Less than Significant Impact

For reasons discussed in 9.a, the impact of the project would be less than significant.

c. Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

Less than Significant Impact

The project site is less than 500 feet north of Riverdale High School. During normal operation, the District is expected to maintain the Site using potentially hazardous materials such as, but not limited to, pesticides, fertilizers, paint, cleaning fluids, and solvents. However, the District would comply with State and Local regulations to ensure that hazardous materials are properly used, stored, and transported. Impacts would be less than significant.

d. Be located on a site that is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

No Impact

Searches through the State databases *Geotracker* and *Envirostor* show that there are no identified hazardous materials sites within the vicinity of the project site. Therefore, there would be no impact.

e. For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard or excessive noise for people residing or working in the project area?

No Impact

The project area is not within an airport land use plan or two miles of a public airport, public-use airport, or private airstrip. Therefore, no impact would occur.

f. Impair implementation of, or physically interfere with, an adopted emergency response plan or emergency evacuation plan?

Less than Significant Impact

The Riverdale Public Utility District manages the Riverdale Fire Department. The project site would comply with the requirements and guidelines set by the Riverdale Public Utility District. Additionally, the Riverdale Joint Union School District's Safety Department administers school safety. During construction and operation, the project would comply with safety requirements set by the District's Safety Department. Therefore, the impact would be less than significant.

g. Expose people or structures, either directly or indirectly, to a significant risk of loss, injury, or death involving wildland fires?

No Impact

There are no potential wildland fire-prone areas near the project. The project would not expose people or structures, either directly or indirectly, to a risk of loss, injury, or death involving wildland fires. Therefore, there would be no impact.

10. Hydrology and Water Quality

Would the project:	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?			X	
b. Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?			X	
c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:			X	
(i) result in substantial erosion or siltation on- or off-site;			X	
(ii) substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?			X	
(iii) create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional resources of polluted runoff; or			X	
(iv) impede or redirect flood flows?				X
d. In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?			X	
e. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?			X	

Environmental Setting

Federal Regulations

Clean Water Act

The Clean Water Act (CWA) was passed in 1972 to restore and maintain the chemical, physical, and biological integrity of the nation's water, or Water of the United States (WOTUS). Its initial programming focused on permitting point discharges of pollutants from industrial sources and wastewater generators such as municipalities. This permitting system is called the National Pollutant Discharge Elimination System Program (NPDES Program). The CWA was amended in 1987 to regulate point and non-point stormwater discharges to the WOTUS. The 1987 amendment included permitting requirements for construction stormwater discharges, industrial stormwater discharges, and municipal stormwater discharges for municipalities with populations of 10,000 residents or greater. Additionally, Section 303 of the CWA requires states to continually develop lists of impaired water

bodies and to develop Total Maximum Daily Loads (TMDLs) for these waterbodies. TMDLs account for all pollutant sources, including natural sources.

The nearest water body is the Turner Ditch canal, which is adjacent to the existing stormwater basin. The canal is not listed in a Section 303(d) impaired water body list. Additionally, no TMDLs have been established for the water bodies around Riverdale, and no additional TMDLs for the Central Valley have been issued. (Central Valley Regional Water Quality Control Board, 2018)

National Pollutant Discharge Elimination System Program

The National Pollution Discharge Elimination System (NPDES) Program was established by Section 402 of the Clean Water Act and is the program by which permits are issued to dischargers to the WOTUS. The Federal Government, through the Environmental Protection Agency (EPA), issues these NPDES permits to specific dischargers or will issue general permits that similar dischargers may receive coverage. For example, the EPA issues a general permit for Industrial stormwater dischargers and a general permit for Construction stormwater dischargers. Additionally, the EPA issues permitting authority to States where a State may develop their individual or general permits. California is a State with this permitting authority and issues its own Industrial and Construction General Permits.

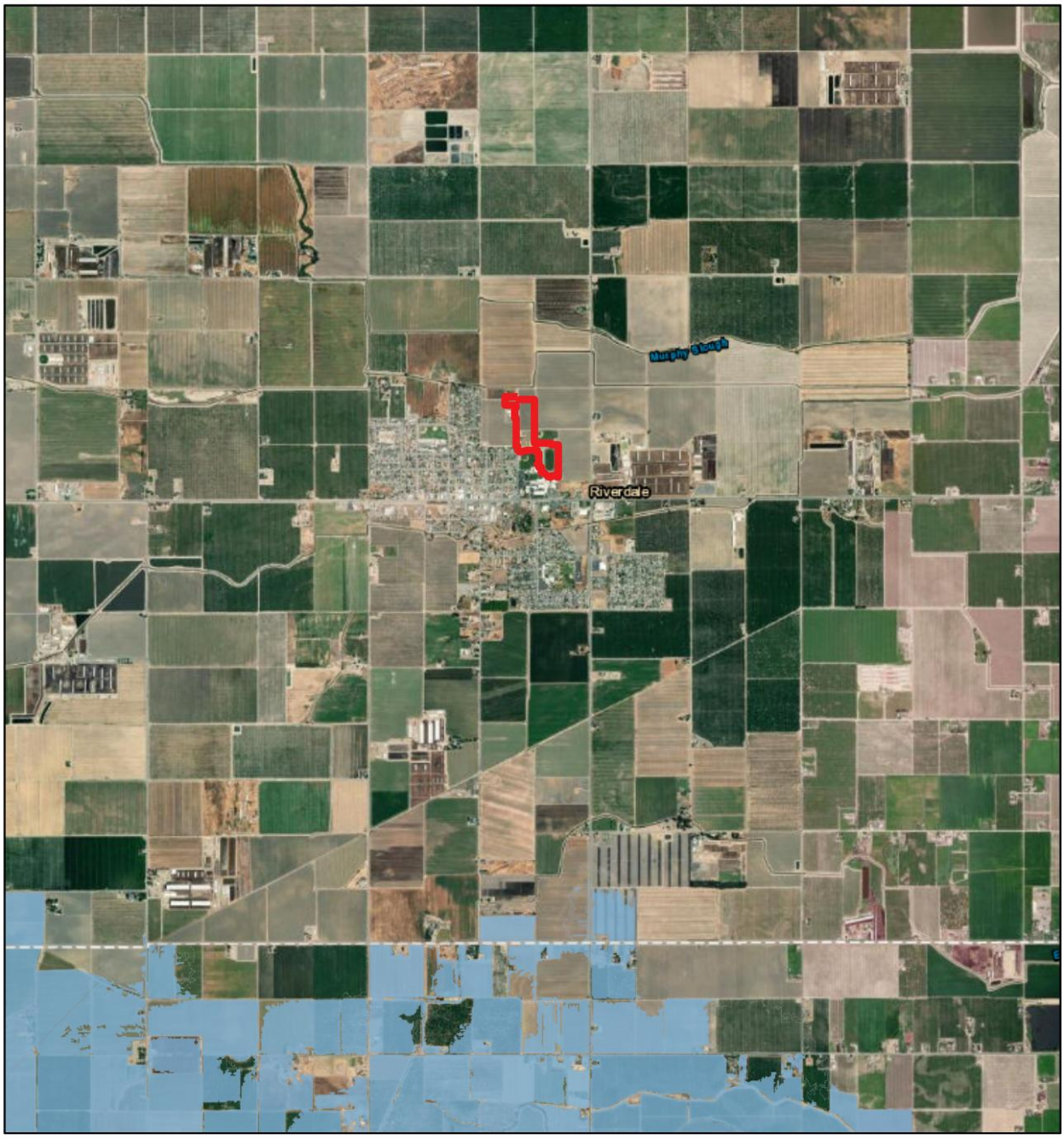
The project site is exempt from the California-issued Construction General Permit as the project is hydrologically disconnected from Waters of the U.S. Additionally, K-12 schools are not required to enroll in coverage under a municipal general permit at the time of this analysis.

Federal Emergency Management Agency

The Federal Emergency Management Agency (FEMA) manages the National Flood Insurance Program (NFIP). The NFIP provides flood insurance to residents and property owners to help recover after a property has been flooded. NFIP assists communities with adopting and enforcing floodplain management policies to reduce potential flood damage; the NFIP was established by the National Flood Insurance Act of 1968. These floodplain management policies apply to Special Flood Hazard Areas (SFHAs), or high-risk flood areas, which are areas that have a 1% chance of being flooded any given year. To better assist communities, the NFIP prepares maps showing areas with high to low flood risk, including SFHAs.

According to the most recent available Flood Insurance Rate Map (FIRM), the project site is not located within any SFHAs or other flood areas (Federal Emergency Management Agency, 2025). A map showing the project location and FEMA 1% flood risk areas are presented below in Figure 7.

Figure 7: FEMA Floodplain Map



State Regulations

Porter-Cologne Water Quality Act

The Porter-Cologne Water Quality Act was enacted in 1969 and created to regulate the water quality of California's surface waters, groundwaters, and wetlands. This Act established the nine Regional Water Quality Control Board and the single State Water Board. One task of the Regional Water Quality Control Boards (RWQCBs) is to establish Basin Plans, which are water quality objectives for waterbodies within their jurisdiction. Another task of the RWQCBs is to establish the CWA Section 303(d) lists of impaired water bodies.

As mentioned previously, there are no waterbody impairments listed for the nearest waterbody, the Turner Ditch Canal.

Sustainable Groundwater Management Act of 2014

The Sustainable Groundwater Management Act (SGMA) requires local agencies to form Groundwater Sustainability Agencies, or GSAs, to locally manage groundwater resources in high and medium-priority groundwater basins. The GSAs develop Groundwater Sustainability Plans (GSPs) to mitigate overdraft within 20 years. However, the State may intervene if the local GSAs have inadequate GSPs.

The project site is located within the San Joaquin Valley – Kings Groundwater Basin, and specifically in the North Fork Kings sub-basin and Groundwater Sustainability Agency (CA Dept. of Water Resources, 2025). This Basin is considered high priority and critically over-drafted (CA Dept. of Water Resources, 2025).

Environmental Settings

Existing Drainage and Receiving Waters

The project site is flat and consists of agricultural fields, an existing Ag Barn, a high school campus with stadium/track/athletic fields, a parking lot, and a road. All developed areas are serviced by storm drains that collect surface runoff into an underground stormwater drainage system, whereas stormwater percolates into the ground or puddles on the surface in the agricultural fields. The existing drainage system conveys flows to the Riverdale High School's stormwater basin located approximately 300 ft north of the maintenance yard. The school's stormwater basin also services the entire existing Riverdale High School. The stormwater basin is hydrologically disconnected from Waters of the U.S. (WOTUS), as in, the project's stormwater would not reach the nearby Turner Canal which could flow into the Kings River, which is a WOTUS.

Would the project:

a. Violate any water quality standards or waste discharge requirements or otherwise substantially degrade surface or groundwater quality?

Less than Significant Impact

The construction of the project is exempt from the California Construction General Permit (CGP), which is the general NPDES permit for construction stormwater discharges. Specifically, the project qualifies for a Notice of Non-Applicability (NONA) because the project is not hydrologically connected to a WOTUS. The project's drainage system is designed to discharge to a terminal stormwater basin that would not overtop

even if during a 100-year, 24-hour storm event, where this 24-hour rain event has a chance of occurring once every 100 years. The stormwater basin would be expanded during Phase 2 allowing the basin to retain stormwater runoff up to the 100-year, 10-day storm event (i.e., approximately a 6" storm event). Therefore, the project would not discharge any pollutants or contaminants to surface waters. Additionally, the project would prevent discharges of contaminants to groundwater by complying with local, State, and Federal regulations, as explained in Section E.9 – Hazards and Hazardous Materials.

For the long-term operation, the project was designed in compliance with the County of Fresno terminal stormwater retention basin standards of providing storage volume up to a 100-year 10-day storm event. The project engineer has completed hydraulic and hydrologic analysis to calculate the additional runoff that would result from additions of impervious surfaces and new stormwater drain inlets, and determined if these additions would overload existing stormwater pipelines and the existing campus stormwater retention basin. This analysis determined that existing stormwater mains are a sufficient size, and that additional stormwater basin volume is required. To comply with Fresno County stormwater retention basin standards, the existing stormwater basin with 7.11 ac-ft storage capacity would be upsized by 5.31 acre-feet to achieve a proposed storage capacity of 12.42 ac-ft of storage capacity. By designing the project stormwater system to County of Fresno standards, the project would not increase stormwater runoff to the Turner Ditch or other water bodies, causing no increase in the risk of erosion and pollution to any receiving water bodies downstream from the Site.

By using a well-sized stormwater basin for each phase of construction and designing the project to County of Fresno stormwater basin standards, and by implementing the regulations described previously in Section E.9 Hazards and Hazardous Materials, the project would result in a less than significant impact on surface and groundwater quality.

b. Substantially decrease groundwater supplies or interfere substantially with groundwater recharge such that the project may impede sustainable groundwater management of the basin?

Less than Significant Impact

As discussed in Section 19 *Utilities and Service* Systems, the project would result in an approximate 27 acre-feet increase in potable water use per year upon full build-out. The overall water demand includes athletics field turf irrigation, landscape irrigation, and building water demand. Based on a Will Serve Letter provided by The Riverdale Public Utility District (RPUD) to the District, the project would not exceed RPUD's water supply and would therefore not deplete groundwater supplies beyond expected levels for the community. Additionally, the project would follow the RPUD's watering schedule to minimize its water demand.

According to the lessees who farm the project site, approximately 5 acre-feet of water is currently used per acre per year for commercial farming. Groundwater is used whenever irrigation canal water is not available. Local irrigation districts typically deliver irrigation canal water for about 3 to 4 months throughout the year. So, groundwater is used approximately 75 percent of the year, meaning that the leased farmland currently uses approximately 3.75 acre-feet of groundwater per acre, per year on average. Approximately 6.5 acres would be converted from commercial farmland to athletics fields, stormwater basin expansion, and the new ag barn facility, therefore approximately 24.38 acre-feet of groundwater would no longer be used for commercial agriculture at full build out. With the estimate that project would require 27 acre-feet of water from RPUD's groundwater wells, the net increase in groundwater usage would be approximately 2.62 acre-feet per year, on average.

Lastly, the project would include the expansion of an existing stormwater basin which would improve the basin's drainage capabilities, therefore improving groundwater recharge after rain events.

For the reasons stated above, the project would have a less than significant impact.

c. Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river or through the addition of impervious surfaces, in a manner which would:

i. Result in substantial erosion or siltation on- or off-site;

Less than Significant Impact

The project would implement the requirements of the CGP including the requirement to reduce erosion and siltation. The project's impact would be less than significant.

ii. Substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or offsite;

Less than Significant Impact

As discussed in 10.a, hydraulic and hydrologic analysis has been completed for additional runoff caused by the project. The existing campus stormwater basin would be expanded to minimize the risk of flooding on or off-site. Therefore, the impact would be less than significant.

iii. Create or contribute runoff water which would exceed the capacity of existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff; or

Less than Significant Impact

The project would expand the existing campus stormwater retention basin according to County of Fresno terminal stormwater basin standards. Based on hydraulic and hydrologic analysis, the existing basin would be expanded to provide storage volume greater than a 100-year 10-day storm event. The project's impact would be less than significant.

iv. Impede or redirect flood flows?

No Impact

According to the most recently available FIRM, the project site is not within any SFHAs or other flood hazard areas. Additionally, the project would not modify any known flood areas or conveyances. The project would have no impact.

d. In flood hazard, tsunami, or seiche zones, risk release of pollutants due to project inundation?

Less than Significant Impact

According to the most recently available FIRM, the project area is not designated as being within a floodplain. Stormwater runoff would be directed to landscaped areas or to the stormwater drainage system, which in turn conveys flows to the project site's stormwater basin. During operation of the facility, no hazardous materials would be stored outdoors or within areas prone to flooding. Therefore, the project would not risk the release of pollutants due to inundation, and impacts would be less than significant.

e. Conflict with or obstruct implementation of a water quality control plan or sustainable groundwater management plan?

Less than Significant Impact

The project would not conflict with or obstruct the implementation of a water quality control plan or a sustainable groundwater management plan. The local water quality control plan would be the Tulare Basin Water Quality Control Plan (Tulare Basin Plan) issued by the Central Valley Water Quality Control Board. The project would abide by the general guidance and requirements specified in the Tulare Basin Plan, such as preventing discharges of pollutants to receiving waters and the implementation of CGP requirements during construction (Central Valley Regional Water Quality Control Board, 2018). The project would abide by any requirements set by the North Fork Kings GSA and its Groundwater Sustainability Plan (GSP). The project's impact would be less than significant.

11. Land Use and Planning

Would the project:	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Physically divide an established community?				X
b. Cause a significant environmental impact due to a conflict with any land use plan, policy, or regulation adopted for the purpose of avoiding or mitigating an environmental effect?			X	

Environmental Settings

The project site's parcels are currently zoned as Limited Agriculture (County of Fresno, 2024). Existing structures on-site include Public Facilities such as a school, athletic fields, a stadium, a parking lot, and an existing ag barn.

Would the project:

a. Physically divide an established community?

No Impact

The project has no design, construction, or operational characteristics that would physically divide Riverdale. There would be no impact.

b. Conflict with any land use plan, policy or regulation adopted for the purpose of avoiding or mitigating an environmental effect?

Less than Significant Impact

The designated land use for the project site, according to the Fresno County General Plan, is Limited Agriculture. Public facilities, such as the athletic playfields and educational agricultural barn, may be constructed on Limited Agriculture zoned land with ministerial approval from the Director of Planning and Development (County of Fresno, 2024). As mentioned in the previous analysis, the project would be consistent with the Riverdale Community Plan, where development of a recreational space was planned at the project site. The project would not conflict with the County of Fresno agricultural land use policies as discussed in Section 2, *Agriculture and Forestry Resources*. Since the project would be consistent with the Fresno County General Plan and the Riverdale Community Plan, the impact is less than significant.

12. Mineral Resources

Would the project:	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?				X
b. Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?				X

Environmental Settings

The State of California is required to encourage the conservation and protection of the state's mineral resources per the Surface Mining and Reclamation Act of 1975 (SMARA) (California Department of Conservation, 2024). The nearest SMARA study area is the Fresno Production-Consumption Region which is located approximately 2 miles north of the project site (California Geologic Survey, 2024). This region is known for its production of aggregate materials used to produce cement mixes, which is important to the Central Valley's economy. The nearest active mine to Riverdale is the Chrisman Pit located approximately 30 miles east in Tulare County (California Department of Conservation, 2024).

Would the project:

a. Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

No Impact

The Census-designated community of Riverdale is not located near any known mineral resources that would be of value to the region and the residents of the State. The nearest active mine for such a resource, aggregate materials, is approximately 30 miles east in Tulare County (California Geological Survey, 2018). The Riverdale Community Specific Plan does not preserve or mention any land that should be preserved for mineral resource recovery (County of Fresno, 2013). The Fresno County General Plan Background Report also does not designate the project area as an area with known mineral resources (County of Fresno, 2000). There would be no impact.

b. Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?

No Impact

For reasons stated in 12.a., the project would have no impact.

13. Noise

Would the project result in:	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?			X	
b. Generation of excessive groundborne vibration or groundborne noise levels?			X	
c. For a project located within a private airstrip or airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?				X

Environmental Settings

Local Regulations

Riverdale is an unincorporated community and does enforce its own set of noise control ordinances. However, Chapter 8.40 – Noise Control of the County of Fresno Code of Ordinances (Fresno County Noise Control Ordinance) provides definitions and regulation pertaining to noise limits. As Riverdale is an unincorporated community within Fresno County, the Fresno County Noise Control Ordinance is effectively the local noise control regulation.

Sensitive Receptors

The County's ordinance does not explicitly define "sensitive receptors," though it does specify that noise level measurements are to be taken within 50 feet of specific structures: residences, schools, hospitals, churches, and public libraries (County of Fresno, 2024). Sensitive Receptors associated with this project would include the private residences surrounding the Stathem Street and S. Hazel Avenue intersection to the southwest, and the educational facilities at Riverdale High School.

***Noise Limits/*Thresholds**

The Noise Control Ordinance provides noise limits for both exterior and interior noise levels. See Tables 8 and 9 below for exterior and indoor noise limits provided by the County's noise ordinance, Section 8.40.040 and 8.40.050:

Table 8
County of Fresno Exterior Noise Standards

Category	Cumulative Number of minutes in any one-hour time period	Noise Level Standards, dBA	
		Daytime, 7am – 10pm	Nighttime, 10pm – 7am
1	30	50	45
2	15	55	50
3	5	60	55
4	1	65	60
5	0	70	65

Table 9
County of Fresno Interior Noise Standards

Category	Culminative Number of minutes in any one-hour time period	Noise Level Standards, dBA	
		Daytime, 7am – 10pm	Nighttime, 10pm – 7am
1	5	45	35
2	1	50	40
3	0	55	45

Interior noise levels are the levels of noise heard from inside a residence, where the noise origin is outside the residence.

Exemptions to the Noise Control Ordinance

The ordinance also provides exemptions to limits for school and construction activity. According to Section 8.40.060 of the Fresno Code of Ordinances, activities conducted in public or private school grounds, including but not limited to school athletic and school entertainment events are exempt; and noise sources associated with construction, provided such activities do not take place before 6 a.m. or after 9 p.m. on any day except Saturday or Sunday, or before 7 a.m. or after 5 p.m. on Saturday or Sunday; shall be exempt from the provisions of the noise control ordinance.

Noise Sources – Existing and New

The three separate phases of the project would not produce new types of permanent noise sources. All phases would be consistent with the existing land uses; the stadium and parking lot would continue to be used as they have been, the new playfields would be a part of an existing athletic complex that includes baseball and softball fields, the new ag barn would replace an existing ag barn (and be moved further away from nearby residences), and reconstruction of Hazel Avenue would continue use as a school road. Noise sources associated with the stadium, parking lot, athletic facilities, ag barn, and Hazel Avenue, such as landscaping equipment, athletic events, and traffic, would not significantly increase and would be far enough from sensitive receptors to not create a public nuisance. Additionally, any noise associated with activity at public school grounds is exempt from the Fresno County Noise Ordinance.

Noise generated from construction is expected to be intermittent and temporary. Temporary noise would occur during the project's construction phase, and the noise associated with specific equipment is expected to occur occasionally during construction. See Table 10 below, provided by the Federal Highway Administration, which shows maximum noise levels associated with different equipment.

Table 10
Noise Levels Associated with Common Construction Equipment

Equipment Type	Maximum Noise Level at 50 feet
Backhoes	80
Compactor (ground)	80
Cranes	85
Dozers	85
Dump Trucks	84
Excavators	85
Flat Bed Trucks	84
Front-end Loaders	80
Graders	85
Impact Pile Drivers	95
Jackhammers	85
Pick-up Truck	55
Pneumatic Tools	85
Pumps	77
Rock Drills	85
Rollers	85
Scrapers	85
Tractors	84

Noise from construction equipment such as Graders, Dozers, Trucks, Scrapers, Generators, and Backhoes can generate noise in excess to the County of Fresno's noise limits, however, construction activity is exempt from the Fresno County Noise Control Ordinance so long as construction activity occurs during the specified timeframe (i.e., 6 AM through 9 PM).

Would the project result in:

a. Generation of a substantial temporary or permanent increase in ambient noise levels in the vicinity of the project in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

Less than Significant Impact

Ambient noise levels would be increased temporarily during construction while equipment and machinery is operated. However, these increases would be temporary and intermittent and would only occur over the course of construction. Noise associated with specific equipment would occur occasionally throughout the construction phase. Additionally, construction activity would occur during the hours of 6 AM and 9 PM and would be exempt from the Fresno County Noise Control Ordinance.

The project would not include any new operational activity that would increase noise levels beyond the noise levels that exist at the Site already. Additionally, some aspects of the project would be constructed further away from Sensitive Receptors (e.g., the new educational ag barn). The new playfields would be

consistent with existing land uses (i.e., baseball and softball fields) and would not produce new sources of noise. The County's noise ordinance provides exemptions to noises associated with activities at public school facilities, including athletic and entertainment events, which are events expected to create the most noise by the project's operation.

The project would result in less than significant impacts.

b. Generation of excessive groundborne vibration or groundborne noise levels?

Less than Significant Impact

Project construction would not include any activities that are typically considered vibration intensive, such as blasting or pile driving. Any vibration-intensive activities would be short-term, intermittent, and limited to the specific location along the area that is under construction at a given time. The project would not include new or increased operational activity or associated groundborne vibration or groundborne noise level increases. Therefore, the project would result in less than significant impacts.

c. For a project located within the vicinity of a private airstrip or an airport land use plan, or where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

Less than Significant Impact

The project site is not located within the vicinity of a private airstrip or an airport land use plan or within two miles of a public airport or public use airport. It also would not include any facilities that would draw in new residents or workers. Therefore, the project would not expose people residing or working in the project area to excessive noise levels related to air traffic and there would be no impact.

14. Population and Housing

Would the project:	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Induce substantial unplanned population growth either in an area, directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?				X
b. Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?				X

Background

2020 U.S. Census

Riverdale is a Census-Designated Place (CDP). According to the United States Census of 2020, Riverdale's population was 3,477, including 980 housing units with an average household size of 3.75 (United States Census Bureau, 2025). No housing units exist on the project site, nor would the project divide existing neighborhoods.

Would the project:

a. Induce substantial unplanned population growth either in an area, directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

No Impact

This project does not propose new homes or businesses; therefore, it would not directly encourage unplanned population growth in the area. Additionally, this project would involve the construction of new public school athletics and specialized education facilities that do not increase student capacity and would not indirectly encourage substantial unplanned population growth. There would be no impact.

b. Displace substantial numbers of existing people or housing, necessitating the construction of replacement housing elsewhere?

No Impact

This project would not necessitate the demolition of existing homes and therefore would not require replacement housing. There would be no impact.

15. Public Services

	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered government facilities or need for new or physically altered government facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the public services:				
(i) Fire Protection?				X
(ii) Police Protection?				X
(iii) Schools?				X
(iv) Parks?				X
(v) Other public facilities?				X

a. Would the project result in substantial adverse physical impacts associated with the provision of new or altered governmental facilities, need for new or altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance objectives for any of the following public services: fire protection, police protection, schools, parks, and other public facilities?

No Impact

The following Public Services are available to the project site and would not be impacted by the project:

Fire Protection: The project site is served by the Fresno County Riverdale Volunteer Fire Department Station, which is administered by the Riverdale Public Utilities District. All facilities would be constructed following the 2022 California Building Standards Code related to fire safety.

Police Protection: The project site is served by the Fresno County Sheriff's Department.

Schools: The project would include existing athletic facilities, which are owned and maintained by the Riverdale Joint Union School District.

Parks: Fresno County Public Works and Planning Department owns and maintains regional parks throughout Fresno County. The nearest regional park is Laton-Kingston Park, which is approximately 9 miles to the east in Laton, CA.

Other Public Facilities: The project would construct new structures that would replace old structures. However, these new structures would not significantly impact the demand for Fire Protection and Police Protection that would require new or altered facilities. The project would also not induce

additional population growth which would require new and altered schools, parks, or other public facilities. Therefore, there would be no impact.

16. Recreation

	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Would the project increase the use of existing neighborhood or regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?				X
b. Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?				X

Riverdale currently has no public parks available within its boundary. The County of Fresno owns and maintains several regional parks throughout the county, but the nearest Fresno County regional park is the Laton-Kingston Regional Park in Laton, CA, approximately 9 miles to the east. Kings County also owns and maintains regional parks such as Hickey Park, which is approximately 6 miles southeast of the Site.

a. Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

No Impact

The project has no housing element that would increase the number of residents in Riverdale. There would be no increased use of the nearby regional parks. There would be no impact.

b. Does the project include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?

No Impact

The project would expand the existing recreational facilities at Riverdale High School. The current population of Riverdale is 2,690 based on the projections of the latest US Census estimates (released May 2024). The last official US Census in 2020 recorded the population at 2,727. The project would serve the existing school study body and the local community as a quasi-public recreation facility. There would be no impact.

17. Transportation

Would the project:	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?			X	
b. Conflict or be inconsistent with CEQA Guidelines section 15064.3, subdivision (b)?			X	
c. Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?				X
d. Result in inadequate emergency access?			X	

Environmental Setting

Local Transportation Plans

The 2024 Fresno County Regional Active Transportation Plan (Fresno ATP) was developed by the Fresno Council of Governments and approved on May 30, 2024. The plan is a joint effort between the municipalities of Fresno County to describe and plan active transportation projects to address the region's active transportation needs. Active transportation includes but is not limited to walking, biking, and roller skating.

The 2022 Fresno County Regional Transportation Plan & Sustainable Communities Strategy (Fresno RTP) was also developed by the Fresno Council of Governments and approved on July 28, 2022. The Fresno RTP describes current and proposed public transportation projects to keep the residents of the County connected.

Would the project:

a. Conflict with a program, plan, ordinance, or policy addressing the circulation system, including transit, roadway, bicycle, and pedestrian facilities?

Less than Significant Impact

The project Site is located along the west side of S. Hazel Avenue, north of Mt. Whitney Avenue. The Site's stormwater and utility improvements include work along S. Hazel Avenue. until it terminates at Turner Ditch. The 2022 Fresno RTP does not propose any improvements to any road within Riverdale, though it does propose an increase in transportation services to the region. However, the 2024 Fresno ATP proposes intersection improvements to the intersection of Stathem Street. and S. Hazel Avenue (Fresno Council of Governments, 2024). The intersection was already improved during the 2018-19 school year

(Riverdale Joint USD, 2025). The project site would meet any requirements set by the County of Fresno regarding roadway improvements and would therefore be in accordance with the 2024 Fresno ATP.

The nearest transit stop is a bus stop for the Fresno County Rural Transit Agency (FCRTA) located approximately 0.3 miles southeast of the project Site. This serves a transit route along Mt. Whitney Rd. Project improvements would not interfere with the transit route nor the transit stop.

The project would involve replacement of existing utilities under Hazel Avenue from Stathem Street to the Turner Ditch canal. There is a single sidewalk on Hazel Avenue on its east side, though it terminates at Stathem Street and does not continue further north. The Stathem/Hazel cross-section may be closed temporarily during construction, though school access and athletic facility access would be allowed (where construction is not occurring) during this temporary closure.

Properties north of Stathem Street include farmland and existing Riverdale Joint Unified School District facilities; there is no through traffic north of Stathem Street. Any road closures along Hazel Ave. resulting from project construction would not impact pedestrian access, transit facilities, pedestrian facilities, or bicycle access. Temporary impacts would be expected during construction for a small portion of the eastern Hazel Avenue sidewalk, but school and residential access would be possible. Therefore, there would be a less than significant impact.

b. Conflict or be inconsistent with CEQA Guidelines Section 15064.3, subdivision (b)?

Less than Significant Impact

Senate Bill (SB) 743 requires that relevant CEQA analysis of transportation impacts be conducted using a metric known as vehicle miles traveled (VMT) instead of Level of Service (LOS). VMT measures how much actual auto travel (additional miles driven) a project would create on California roads. If the project adds excessive car travel onto our roads, the project may cause a significant transportation impact.

The State CEQA Guidelines were amended to implement SB 743, by adding Section 15064.3. Among its provisions, Section 15064.3 confirms that, except with respect to transportation projects, a project's effect on automobile delay shall not constitute a significant environmental impact. Therefore, LOS measures of impacts on traffic facilities are no longer a relevant CEQA criteria for transportation impacts.

CEQA Guidelines Section 15064.3(b)(4) states that "[a] lead agency has discretion to evaluate a project's vehicle miles traveled, including whether to express the change in absolute terms, per capita, per household or in any other measure. A lead agency may use models to estimate a project's vehicle miles traveled and may revise those estimates to reflect professional judgment based on substantial evidence. Any assumptions used to estimate used to estimate vehicle miles traveled and any revision to model outputs should be documented and explained in the environmental document prepared for the project. The standard of adequacy in Section 15151 shall apply to the analysis described in this section."

The Fresno Council of Governments prepared the Fresno County SB 743 Implementation Regional Guidelines (FCOG VMT Guidelines) to assist member agencies in analyzing projects for VMT. According to these guidelines, a project can screen out of VMT analysis if it meets certain criteria. This project consists of improvements to existing athletic facilities at schools, the addition of new playfields for community use, and the replacement of an old ag barn with a new Ag Barn for educational use at the existing Riverdale High School. Chapter 3 of the FCOG VMT Guidelines describe projects that may be presumed to create a less than significant impact, which include "the development of institutional/government and

public service uses that support community health, safety, and welfare […]" (Fresno Council of Governments, 2021).

The addition of new playfields would support the community's health and welfare as it would provide space for recreation. Riverdale residents would also be provided with an alternative recreation space that is not located in a separate community 6 to 9 miles away (see Section 3.16 *Recreation*). Additionally, the educational Ag Barn would serve the community as an improved educational space for its students. According to the FCOG VMT Guidelines, the project can screen out of the VMT analysis.

In conclusion, the project would result in a less than significant VMT impact and is consistent with CEQA Guidelines section 15064.3(b).

c. Substantially increase hazards due to a geometric design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

Less than Significant Impact

The project would involve the development of Hazel Avenue and of the Riverdale High School Stadium parking lot. The proposed designs for Hazel Avenue and the parking lot have similar layouts to the existing road and parking lot. Hazel Avenue would be used in the same way as it was before, and there would be no incompatible uses added because of this project. The project would have a less than significant impact.

d. Result in inadequate emergency access?

Less than Significant Impact

The proposed project may result in temporary road closures due to construction. However, road closures would occur along Hazel Avenue during utility installation and replacement. The project would abide by the requirements of the Riverdale Joint Unified School District's Safety Department and the local Fire Department and Sheriff's Office. The project's impact would be less than significant.

18. Tribal Cultural Resources

	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in the Public Resource Code § 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:				
(i) Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in the Public Resources Code § 5020.1(k)?			**X**	
(ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code § 5024.1. In applying the criteria set forth in subdivision (c) of Public Resources Code § 5024.1, the lead agency shall consider the significance of the resource to a California Native American Tribe?		**X**		

A Cultural Resource Inventory and Evaluation report was prepared for this project by Applied EarthWorks, Inc. and is included in Appendix C of this Initial Study. This study provides a summary of the project regulatory setting and environmental setting for both pre-contact and historical resources, study methods, findings, historic resource evaluations, and management recommendations. This Initial Study incorporates information and analysis from this report to evaluate potential impacts to Tribal Cultural Resources.

A search of the Native America Heritage Commission (NAHC) S*acred Lands Files* was completed in January 2025 by Blair, Church & Flynn Consulting Engineers. Outreach letters were sent by the District to all tribes listed on the NAHC contact list. Two responses were received, one from the Table Mountain Rancheria with no concerns, and one from the Santa Rosa Rancheria Tachi-Yokut Tribe expressing concern and included requested mitigation measures. Responses to this email began formal consultation between the District and the SRR. A compilation of the *Sacred Lands Files* search results, tribal notification letters, and received responses are included in Appendix F.

a. Would the project cause a substantial adverse change in the significance of a tribal cultural resource, defined in Public Resources Code Section 21074 as either a site, feature, place, cultural landscape that is geographically defined in terms of the size and scope of the landscape, sacred place, or object with cultural value to a California Native American tribe, and that is:

(i) Rupture Listed or eligible for listing in the California Register of Historical Resources, or in a local register of historical resources as defined in Public Resources Code Section 5020.1(k)?

Less than Significant Impact

According to a completed *Sacred Land Files* Search and CHRIS records search, and the findings of the *Cultural Resource Inventory and Evaluation* report in Appendix C, the project site does not include and is not near any listed or eligible CRHR sites or registered local historical resources. Therefore, there would be a less than significant impact.

(ii) A resource determined by the lead agency, in its discretion and supported by substantial evidence, to be significant pursuant to criteria set forth in subdivision (c) of Public Resources Code Section 5024.1. In applying the criteria set forth in subdivision (c) of Public Resource Code section 5024.1, the lead agency shall consider the significance of the resource to a California Native American tribe?

Less than Significant Impact with Mitigation Incorporated

The District received correspondence from the Santa Rosa Rancheria Tachi-Yokut Tribe (SRR) on April 17, 2025, via email expressing their concerns and requesting mitigation measures. All other contacted California Native American Tribes either did not respond or responded stating that their tribe had no concerns with the project. The District and the SRR engaged in formal consultation on May 16, 2025, to discuss potential project impacts and the best methods to mitigate them.

On July 18, 2025, the District provided the Santa Rosa Rancheria Tachi-Yokut Tribe (SRR) with draft Tribal Cultural Resource mitigation measures for review. On August 27, 2025, the District transmitted draft monitoring and curation agreements, executed by the District, to SRR, and on September 22, 2025, provided an amended monitoring agreement reflecting refined mitigation language. Between July 18 and October 24, 2025, the District and its consultant followed up regularly by email and phone to request input and to execute a curation and monitoring agreement. During this period, no additional comments or feedback were received regarding the proposed mitigation measures, and a fully executed monitoring and curation agreement was not returned.

In light of the consultation record and the outreach described above, the District determined on October 28, 2025, that formal consultation was complete and provided written notification of this determination to SRR. To ensure effective implementation if Tribal representatives are unavailable during construction, the District refined the Tribal Cultural Resource mitigation measures to clarify SRR participation "if available" and to provide functionally equivalent archaeological monitoring and training as a contingency. These updates are reflected in Section 18, *Tribal Cultural Resources*, and carried forward into the Mitigation Monitoring and Reporting Program (MMRP). The District remains open to continued coordination with SRR during implementation, including participation in construction monitoring, worker training, and treatment or curation procedures should SRR wish to engage.

Mitigation Measure TC-1 Full-Time Earthwork Tribal Cultural Resource Monitoring. To avoid potential impacts to TCRs, a qualified Tribal monitor from the SRR, if available, shall be retained by RJUSD. The Tribal monitor shall be present to observe all ground-disturbing activities in areas of high concern of all phases, including, but not limited to, grading, excavation, trenching, and augering. If a Tribal monitor is temporarily unavailable, earthwork in high-potential areas shall not proceed unless: (a) a Tribal monitor has conducted a pre-activity inspection (spot check) and cleared the work area, or (b) the qualified archaeological monitor required by MM CULT-1 is present on site. The requirement for Tribal monitoring shall be noted on all construction documents for all phases and verified by RJUSD prior to the commencement of ground-disturbing activities for all phases. If initiated by SRR, monitoring shall continue until all ground-disturbing activities for each phase are complete or as

otherwise agreed upon in writing by any involved Tribal representative(s), project archaeologist, and RJUSD. The areas of high concern include:

- Excavation of the existing soil berm of the stadium;
- Trenching or excavating for utilities deeper than 1.5 foot below the existing ground surface in all Project areas;
- Excavation of the stormwater basin;
- Initial earthwork for the multi-use athletics fields in undeveloped farmland, until soil import activities have concluded; and
- All earthwork for the agricultural barn in undeveloped farmland.

Any involved Tribal monitor shall have the authority to temporarily halt or redirect construction activities if potentially significant TCRs are encountered. If such resources are identified, all earthwork in the vicinity shall cease, and MM TC-3 and CULT-5 shall be implemented.

All phases of earthwork monitoring shall be documented in a CRMP developed in coordination with the SRR and the qualified project archaeologist as required by CULT-4, and maintained on site. Monitoring documentation shall be submitted to the RJUSD upon completion of ground-disturbing activities for each phase (MM CULT-6).

If SRR tribal monitors are not available to monitor earthwork as described above, the project archeologist shall be responsible for monitoring for tribal cultural resources, as described in TC-1 and TC-2.

Mitigation Measure TC-2 Spot-Check Earthwork Tribal Cultural Resources Monitoring. In addition to TC-1, areas of moderate concern will also be monitored by a retained SRR monitor if available, who, in coordination with the archaeologist, will conduct periodic spot-check monitoring of earthwork activities including:

- Grading for the redevelopment of the stadium;
- Grading for the redevelopment of the parking lot;
- Grading for the redevelopment of South Hazel Avenue; and
- Grading of the multi-use athletics fields, after soil import has concluded.

The frequency and schedule of spot-check monitoring shall be determined in consultation with any involved project tribal monitor prior to the start of construction, based on the sensitivity of the area and the scope of ground disturbance. Any involved Tribal monitor shall have the authority to increase the frequency of monitoring if site conditions indicate a higher potential for encountering TCRs. If any potentially significant TCR are discovered, all work in the vicinity area shall cease and MM CULT-5 and TC-3 shall be implemented.

If SRR tribal monitors are not available to monitor earthwork as described above, the project archeologist shall be responsible for monitoring for tribal cultural resources, as described in TC-1 and TC-2.

Mitigation Measure TC-3 Unanticipated Discovery of Tribal Cultural Resources. If TCRs including human remains, cultural materials, features, or artifacts are discovered during ground-disturbing activities, all work within 100 feet of the discovery shall immediately cease. The construction contractor shall immediately notify the construction manager, any involved Tribal monitor (as

identified in TC-1 and TC-2), the SRR cultural department, and the qualified archaeologist as required in CULT-1.

The significance of the discovery shall be evaluated by the qualified archaeologist in consultation with any involved Tribal monitor, and/or any available SRR cultural representatives. The evaluation shall consider the resource's eligibility for listing in the CRHR and its potential as a TCR under PRC Section 21074.

If the resource is determined to be a TCR or otherwise significant under CEQA, the construction manager shall implement a treatment plan developed in consultation with the SRR Tribal representative(s), the RJUSD, and the qualified archaeologist. The treatment plan may include preservation in place, if feasible, or respectful recovery and reburial in accordance with Tribal protocols. Construction activities may resume in the affected area only after the RJUSD, in consultation with the archaeologist and Tribal representative(s), determines that appropriate mitigation has been implemented.

Mitigation Measure TC-4 Tribal Cultural Resources Curation Agreement. At least 30 days prior to the commencement of any construction activities, the RJUSD shall provide a signed Curation and Treatment Agreement with the SRR, a California Native American tribe traditionally and culturally affiliated with the Project area.

The agreement shall establish protocols for the respectful treatment, temporary storage, and long-term curation or reburial of any TCRs that may be collected during ground-disturbing or other construction activities where preservation in place is determined not to be feasible pursuant to MM TC-3. The agreement shall include, but not be limited to:

- Recognizing SRR's role as the appropriate entity for determining the treatment and disposition of recovered TCRs;
- Allowing SRR to take possession of recovered materials for reburial or curation in accordance with their customs, protocols, and applicable laws; and
- Providing culturally appropriate documentation that respects the confidentiality and sensitivity of TCRs, consistent with PRC Sections 21083.2 and 21084.3.

Evidence of the signed agreement shall be documented by RJUSD prior to any ground disturbance. Final disposition of any TCRs shall occur in accordance with the terms of the agreement and be documented in the final report for the appropriate phase per MM CULT-6.

Mitigation Measure TC-5 Pre-Construction Tribal Cultural Awareness Training. Prior to any ground-disturbing activities of each phase, RJUSD, in coordination with the Construction Manager, any involved tribal monitor, and the project archaeologist, shall ensure that all construction personnel who are involved in supervising or regularly working within areas of ground disturbance attend a Tribal Cultural Awareness Training conducted by a representative of the SRR, if available. If available, training shall be conducted in person before ground-disturbing activities commence.

After the initial training and commencement of ground-disturbing activities, any new on-site personnel, either from a current or new construction company, who regularly works within areas of ground disturbance, are also required to attend an in-person Tribal Cultural Awareness Training if SRR tribal cultural staff are available. Attendance for all Tribal Trainings shall be documented via sign-in

sheet, and a copy shall be submitted to RJUSD and the archaeological consultant to include in the report(s) per MM CULT-6. The District will be responsible for all construction personnel taking both the archaeological and Tribal awareness trainings. For the purposes of this measure, "construction personnel" includes contractors, subcontractors, equipment operators, laborers, and supervisory staff engaged in or overseeing ground-disturbing activities. The term does not include delivery drivers, vendors, furniture installers, or other workers whose on-site presence is limited to short-term tasks outside of ground-disturbance areas.

The Tribal Cultural Awareness Training shall inform on-site personnel, at a minimum, of the following:

- Respect for TCRs; This Project area may contain TCRs, which are places or objects of cultural and spiritual importance to the SRR. Protecting these resources is required by law and is a condition of the Project.
- Examples of TCRs, which include the following but are not limited to, stone tools, flakes from tool-making, bone, shell, pottery fragments, hearths, dark soil with organic material, viewsheds, and ancestral remains.
- Legal protections addressing TCRs and their protection under CEQA and Public Resources Code Sections 21083.2 and 21084.3. This must also include that it is illegal to remove, damage, or ignore TCRs.
- Discovery procedures including: (1) If you see anything that looks unusual, stop work immediately in that area and notify the supervisor in charge. (2) The Project Archaeologist and Tribal Monitor will determine the next steps. (3) Do not touch, move, or collect any potential cultural materials.
- The role of the Tribal Monitor and their presence on site. The SRR monitor represents the Tribe and has authority to stop work if a resource is found. Their instructions must be respectfully followed.

In the event that a SRR representative is not on site to provide the Training, the new construction personnel must take the archaeological workers environmental training program training in MM CULT-3 and be scheduled to take the SRR Training within 5 days of their first day of work on site. If SRR cultural staff is not available to provide an in-person training within 5 days of a new construction personnel working on-site, the archeological training as described in CULT-3 shall act as a substitute.

This training requirement applies only during the period in which ground-disturbing activities occur. Once all earthwork is complete, additional trainings for new personnel are not required.

Level of Significance After Mitigation Incorporated: Based on the consultation meeting on May 16, 2025, and the findings of the Cultural Resource Inventory and Evaluation report prepared for the project by Applied EarthWorks, Inc. (Appendix C), TC-1 through TC-5, in addition to cultural mitigation measures CULT-1 through CULT 5 would mitigate impacts to potentially present TCRs to a less than significant level.

19. Utilities and Service Systems

Would the project:	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm water drainage, electric power, natural gas, or telecommunications facilities, the construction of which could cause significant environmental effects?			X	
b. Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?			X	
c. Result in determination by the wastewater treatment provider, which serves or may serve the project, that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?			X	
d. Generate solid waste in excess of state or local standards, or in excess of the capacity of local infrastructure, or otherwise impair the attainment of solid waste reduction goals?			X	
e. Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?			X	

Existing Utilities and Systems

Water and Wastewater:

The site's potable water would be provided by the Riverdale Public Utility District (RPUD). The RPUD currently sources its potable water from groundwater sources via wells constructed throughout RPUD's service boundary. The RPUD would provide the site's wastewater disposal services. The RPUD currently owns and operates a Wastewater Treatment Plant (WWTP) northeast of the project site, southeast of the S. Brawley Avenue and W. Cerini Avenue intersection.

Solid Waste:

The RPUD currently contracts with Mid-Valley Disposal to provide Riverdale with a solid waste disposal service.

Stormwater Drainage:

The District owns and operates Stormwater drainage systems at the project site, including surface and underground stormwater conveyance systems. All stormwater runoff collected at the project site is ultimately discharge to the campus stormwater basin at the north end of Hazel Avenue.

Energy:

The project site currently receives electricity and natural gas services from the regulated utility provider, PG&E. Electricity is also provided by a District-owned solar farm located west of the stormwater basin. Estimate energy use and impacts of the proposed project is analyzed in Section 6 *Energy* and Appendix D *Energy Impact Analysis*.

Estimate Project Demand

Wastewater:
New bathroom facilities would be constructed during Phase 1, and wastewater services would be provided to the new Ag Barn in Phase 3. Phase 2 would not require wastewater services. The daily peak wastewater generation of the proposed project is estimated to be 9,000 gpd, and yearly generation is estimated to be 340,000 gallons, with an average of approximately 932 gallons per day. Peak wastewater generation was determined assuming that the stadium is at full capacity and that the ag barn is at full capacity with washdown occurring. Washdown would be cleaning the facilities with water.

Water:
Phase 1 would construct new bathrooms and athletic buildings, which would increase water demand for the project site. Phase 2 would construct new athletic fields and plant turf grass, requiring additional irrigation. Phase 3 would construct the new Ag Barn, which would require a potable water supply. The average annual water use of the proposed project is estimated to be 8,796,339 gallons per year, with peak daily use in July estimated to be 53,800 gallons per day.

Solid Waste:
The project would not increase student capacity at the Riverdale High School campus and would therefore not increase solid waste generation.

Stormwater:
The proposed project would increase stormwater runoff from the site. However, the County of Fresno design standards require that the project site retain stormwater runoff from up to a 100-year, 10-day design storm, which is 6.00" for the project site's location. The site's runoff volume for the design storm is estimated to be 540,888 cubic feet. The expanded stormwater basin would provide 555,957 cubic feet of storage volume.

Energy:
Electricity demand would increase, though more efficient building standards would minimize that increase. PG&E and the District-owned solar farm would meet the project's energy needs.

Would the project:

a. Require or result in the relocation or construction of new or expanded water, wastewater treatment or storm drainage, electric power, natural gas, or telecommunications facilities, the construction or relocation of which could cause significant environmental effects?

Less than Significant Impact

Water:
The project's water demand would be served by the RPUD and would not result in relocation or upsizing of existing water facilities.

Stormwater:
The project's stormwater drainage would be served by an existing stormwater basin that exists north of the project site. The project includes plans to expand the existing stormwater basin to the south to provide storage volume required to store additional stormwater runoff that would result from the project. The potential impacts caused by expanding the basin are analyzed in previous sections, such

as in the Air Quality, Biological Resources, Greenhouse Gas Emissions, Geology & Soils, Cultural Resources, and Tribal Cultural Resources as well as the technical studies in Appendix A *Air Quality & Greenhouse Gas Impact Analysis*, Appendix *B Biological Resources Assessment* and Appendix C *Cultural Resource Inventory and Evaluation*. Due to potential impacts from earthwork activities to biological, archeological, and tribal cultural resources, MM-BR-1, MM-BR-2, MM CULT-1 through CULT 6 and MM TC-1 through TC-5 would be implemented.

Wastewater:
The project's wastewater output would be collected by existing RPUD wastewater sewer systems and would not result in the expansion or relocation of existing systems.

Solid Waste:
The project would not increase student capacity at the project site and would therefore not increase solid waste generation. The project's solid waste generation would be adequately served by the local solid waste service provider.

Energy:
The project would result in undergrounding of existing overhead electrical lines that span east to west just north of the north campus parking lot. The potential impacts caused by the underground of existing electrical lines are analyzed in previous sections, such as in the Air Quality, Biological Resources, Greenhouse Gas Emissions, Geology & Soils, Cultural Resources, and Tribal Cultural Resources as well as the technical studies in Appendix A *Air Quality & Greenhouse Gas Impact Analysis*, Appendix *B Biological Resources Assessment* and Appendix C *Cultural Resource Inventory and Evaluation*. Due to potential impacts from earthwork activities to biological, archeological, and tribal cultural resources, MM-BR-1, MM-BR-2, MM CULT-1 through CULT 6 and MM TC-1 through TC-5 would be implemented.

The project's demand for Water, Stormwater, Wastewater, Solid Waste, and Energy would not result in the expansion or relocation of existing facilities other than what is described in the project description of this initial study. The potential impacts of the expansion of the existing stormwater basin and the undergrounding of overhead electrical lines have been assessed in this Initial Study. Therefore, through the implementation of MM BR-1, MM BR-2, MM CULT-1 through CULT 6 and MM TC-1 through TC-5 the potential impacts of earthwork activities to biological, archeological, and tribal cultural resources would be less than significant impact.

b. Have sufficient water supplies available to serve the project and reasonably foreseeable future development during normal, dry, and multiple dry years?

Less than Significant Impact

On August 7, 2025, the RPUD issued a Will Serve Letter stating that the RPUD would be able to provide the project's estimated water usage demand during normal, dry, and multiple dry years. Therefore, the project would have a less than significant impact.

c. Result in a determination by the wastewater treatment provider which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

Less than Significant Impact

As mentioned in the previous impact analysis, the RPUD issued a Will Serve Letter stating that the RPUD would be able to provide the project's wastewater collection demand, alongside the RPUD's existing commitments. Therefore, the project would have a less than significant impact.

d. Comply with federal, state, and local management and reduction statutes and regulations related to solid waste?

Less than Significant Impact

The project would not increase solid waste generation, as discussed previously, and management and reduction statutes and regulations would not apply to the project. The school would remain in compliance with such regulations. Therefore, the impact would be less than significant.

20. Wildfire

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Substantially impair an adopted emergency response plan or emergency evacuation plan?			X	
b. Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from wildfire or the uncontrolled spread of wildfire?				X
c. Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in the temporary or ongoing impacts to the environment?				X
d. Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?				X

Wildfire Hazard

CalFire maintains a Fire Hazard Severity Zone map for the State of California. Riverdale is not currently in any fire hazard zones, and the nearest fire hazard zones are approximately 24 miles to west in the Coastal Range and approximately 25 miles to the East in the western Sierra Nevada Foothills (CalFire, 2025).

If located in or near state responsibility areas or lands classified as very high fire hazard severity zones, would the project:

a. Substantially impair an adopted emergency response plan or emergency evacuation plan?

Less than Significant Impact

As discussed in Section 3.9 – Hazards and Hazardous Materials, the project would not substantially impair any adopted emergency response plans or emergency evacuation plans. The project would have a less than significant impact.

b. Due to slope, prevailing winds, and other factors, exacerbate wildfire risks, and thereby expose project occupants to pollutant concentrations from a wildfire or the uncontrolled spread of a wildfire?

No Impact

The proposed project site is not located in a State Responsibility Area or classified as Very High Hazard Severity Zone. The project would have no impact.

c. Require the installation or maintenance of associated infrastructure (such as roads, fuel breaks, emergency water sources, power lines or other utilities) that may exacerbate fire risk or that may result in temporary or ongoing impacts to the environment?

No Impact

The project is located on an existing high school campus. A portion of the campus is an existing agricultural field and is surrounded by other agricultural fields. Additionally, the project would not involve the construction of infrastructure in wildfire prone areas and would not require the construction of fuel breaks or roads to maintain any such infrastructure that may result in temporary or ongoing impacts to the environment. The project would have no impact.

d. Expose people or structures to significant risks, including downslope or downstream flooding or landslides, as a result of runoff, post-fire slope instability, or drainage changes?

No Impact

The project site is not located within or near any Wildfire Hazard Zones and would therefore not be at risk of hazards associated with wildfires. There would be no impact.

21. Mandatory Findings of Significance

	Potentially Significant Impact	Less Than Significant Impact with Mitigation Incorporated	Less Than Significant Impact	No Impact
a. Does the project have the potential to substantially degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, substantially reduce the number, or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?		X		
b. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?		X		
c. Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?		X		

a. Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number, or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory?

Less than Significant Impact with Mitigation Incorporated

This initial study has analyzed the potential impacts of the project on biological, cultural, geological, and tribal cultural resources and has proposed mitigation measures to reduce the potential impacts to these resources to a less than significant level. Specifically, through the implementation of the proposed mitigation measures BR-1, BR-2, CULT-1 through CULT-6, GEO-1, GHG-1, and TC-1 through TC-5, the potential impacts of project to these resources would be less than significant impact with mitigation incorporated. Therefore, with the implementation of the aforementioned mitigation measures, the project would not degrade the quality of the environment, substantially reduce the habitat of a fish and wildlife species, cause fish or wildlife populations to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number, or restrict the range of a rare or endangered plant or animal, or eliminate important examples of the major periods of California history or prehistory. The impact would be less than significant with mitigation measures BR-1, BR-2, CULT-1 through CULT-6, GEO-1, GHG-1, and TC-1 through TC-5 incorporated.

b. Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects).

Less than Significant Impact with Mitigation Incorporated

Based on the information in Sections E-1 through E-20, the proposed project would have a potential impact on Greenhouse Gasses that would be considered individually limited but cumulatively considerable. However, through the implementation of MM GHG-1 this impact would be less than significant with mitigation incorporated.

c. Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?

Less than Significant Impact with Mitigation Incorporated

Based on the information in Sections E-1 through E-20, the proposed project could potentially have a substantial adverse effect on human beings concerning greenhouse gases. However, through the implementation of MM GHG-1 this impact would be less than significant with mitigation incorporated.

F. Mitigation, Monitoring, and Reporting Program

1. Purpose

Riverdale Joint Unified School District has prepared this Mitigation Monitoring and Reporting Program to comply with Section 15097 of the State CEQA Guidelines. The purpose of the Mitigation Monitoring and Reporting Program is to ensure the implementation of the mitigation measures identified in this Initial Study.

2. Lead Agency

Riverdale Joint Unified School District will undertake the project and is the Lead Agency for the project. The District is responsible for the implementation of all mitigation measures identified in this Initial Study.

3. Mitigation Monitoring and Reporting Coordinator

The Riverdale Joint Unified School District Superintendent, Facility Services, or designee shall act as the Project Mitigation Reporting Coordinator ("Coordinator").

4. Monitoring and Reporting Procedures for Construction

a. The Coordinator shall provide a copy of all project design-, site clearing- and construction-related mitigation measures to the project architect, engineer, and contractor for incorporation in the project plans, construction specifications, permits, and contracts, as appropriate.
b. Before the awarding of the bid, the Coordinator shall determine that all project design-, site clearing- and construction-related mitigation measures have been incorporated in the project plans, construction specifications, permits, and contracts, as appropriate.
c. During construction, the Coordinator, through the construction management team, shall inspect the project area regularly to ensure all work complies with the mitigation measures. If a discrepancy is not resolved within a reasonable time, the Coordinator may order work to cease until the discrepancy is resolved.
d. Before the District accepts the project improvements, the Coordinator shall certify that the project incorporates all project design and construction-related mitigation measures.

5. Monitoring and Reporting Procedures for Operational and Maintenance

Before the project becomes operational, the Coordinator shall determine that the project's operational plans and procedures incorporate all operations-related mitigation measures.

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Appendix A: Air Quality & Greenhouse Gas Impact Analysis

Air Quality &
Greenhouse Gas
Impact Analysis

For The Proposed

Riverdale High School Facility Improvements Project

Riverdale, CA

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List of Common Terms & Acronyms

AB	Assembly Bill
ACM	Asbestos Containing Materials
AHERA	Asbestos Hazard Emergency Response Act
ASHAA	Asbestos School Hazard Abatement Act
ASHARA	Asbestos School Hazard Abatement and Reauthorization Act
ATCM	Airborne Toxic Control Measure
BAAQMD	Bay Area Air Quality Management District
BAU	Business as Usual
BPS	Best Performance Standards
CAAQS	California Ambient Air Quality Standards
CARB	California Air Resources Board
CAFE	Corporate Average Fuel Economy
CCAA	California Clean Air Act
CCAR	California Climate Action Registry
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
CH_4	Methane
CO	Carbon Monoxide
CO_2	Carbon Dioxide
CO_2e	Carbon Dioxide Equivalent
CUSD	Clovis Unified School District
DGS	Department of General Services
DPM	Diesel-Exhaust Particulate Matter or Diesel-Exhaust PM
DRRP	Diesel Risk Reduction Plan
EO	Executive Order
EPA	United State Environmental Protection Agency
EV	Electric Vehicle
FCAA	Federal Clean Air Act
FCOG	Fresno Council of Governments
GGRP	Greenhouse Gas Reduction Plan
GHG	Greenhouse Gases
HAP	Hazardous Air Pollutant
HFC	Hydrofluorocarbon
H_2S	Hydrogen Sulfide
IPCC	Intergovernmental Panel on Climate Change
LEED	Leadership in Energy and Environmental Design
LOS	Level of Service
$MTCO_2e$	Metric Tons of CO_2 Equivalent
NF_3	Nitrogen Trifluoride
N_2O	Nitrous Oxide
NAAQS	National Ambient Air Quality Standards
NESHAPs	National Emission Standards for HAPs
NHTSA	National Traffic Safety Administration
NOx	Oxides of Nitrogen

OPR	Governor's Office of Planning and Research
O_3	Ozone
PCAP	Priority Climate Action Plan
Pb	Lead
PM	Particulate Matter
PM_{10}	Particulate Matter (less than 10 µm)
$PM_{2.5}$	Particulate Matter (less than 2.5 µm)
ppb	Parts per Billion
ppm	Parts per Million
PVC	Polyvinyl Chloride
ROG	Reactive Organic Gases
RTP/SCS	Regional Transportation Plan and Sustainable Communities Strategies
SB	Senate Bill
SCOTUS	Supreme Court of the United States
SF_6	Sulfur Hexafluoride
SIP	State Implementation Plan
SLCP	Short-Lived Climate Pollutants
SMAQMD	Sacramento Air Quality Management District
SJVAB	San Joaquin Valley Air Basin
SJVAPCD	San Joaquin Valley Air Pollution Control District
SO2	Sulfur Dioxide
SRTS	Safe Routes to School
TAC	Toxic Air Contaminant
TSCA	Toxic Substances Control Act
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compounds
VRP	Visibility Reducing Particles
$\mu g/m^3$	Micrograms per cubic meter
ZEV	Zero Emission Vehicle

Air Quality Impact Analysis

Introduction

This report describes the existing environment near and identifies potential air quality and greenhouse gas impacts associated with the proposed Riverdale High School Facilities Improvements (project). Project impacts are evaluated relative to applicable thresholds of significance. Mitigation measures have been identified for significant impacts.

Proposed Project Summary

The project site is located on 21.5 acres northeast of the intersection of W. Mounty Whitney Avenue and S. Hazel Avenue in the Census-designated community of Riverdale (Riverdale), CA, in Fresno County (County), California (APN: 053-130-12T, and 053-130-82T). The Riverdale Joint Unified School District (District) proposes renovating the football/soccer and track stadium, reconstructing a parking lot, constructing new community multi-use athletic fields, reconstructing the Agriculture Barn Education Facility (Ag Barn), and improving a section of S. Hazel Avenue. Work would be completed in three phases. Phase 1 would renovate the existing high school football/soccer and track stadium (7.34 acres), reconstruct a parking lot (1.56 acres), and use a staging/soil fill area (2.08 acres). Phase 2 would construct three new multi-use athletic fields (5.87 acres), improvements to Hazel Ave. (1.08 acres), undergrounding of existing electrical utilities (0.38 acres), demolish the existing Ag Barn building and surrounding campus farm, and expand the campus stormwater basin (1.42 acres). Phase 3 would construct a new Agriculture Education Barn facility (3.34 acres), a small bathroom building, reconstruct S. Hazel Avenue and add a sidewalk and parking on the east side of Hazel Avenue (0.52 acres). Maps identifying the project location, project site, and project site plans are presented in Figures 1, 2, and 3, respectively.

Air Quality

Existing Setting

The project is located within the San Joaquin Valley Air Basin (SJVAB). The SJVAB is within the jurisdiction of the San Joaquin Valley Air Pollution Control District (SJVAPCD). Air quality in the SJVAB is influenced by various factors, including topography, local and regional meteorology. Factors affecting regional and local air quality are discussed below.

Topography, Meteorology, and Pollutant dispersion

The dispersion of air pollution in an area is determined by such natural factors as topography, meteorology, and climate, coupled with atmospheric stability conditions and the presence of inversions. The factors affecting the dispersion of air pollution with respect to the SJVAB are discussed below.

Topography

The SJVAB is in the southern half of California's Central Valley. It is open to the north but surrounded by mountain ranges on all other sides. The Coast Ranges, with an average elevation of 3,000 feet, form the western boundary, while the Sierra Nevada Mountains, ranging from 8,000 to 14,000 feet, are on the eastern side. The

southern boundary is defined by the San Emigdio and Tehachapi Mountains, part of the Coast Ranges and Sierra Nevada, respectively, with elevations ranging from 6,000 to 8,000 feet. The terrain of the SJVAB is mostly flat, with a gentle downward slope to the northwest (San Joaquin Valley Air Pollution Control District 2015).

Figure 1: Project Location

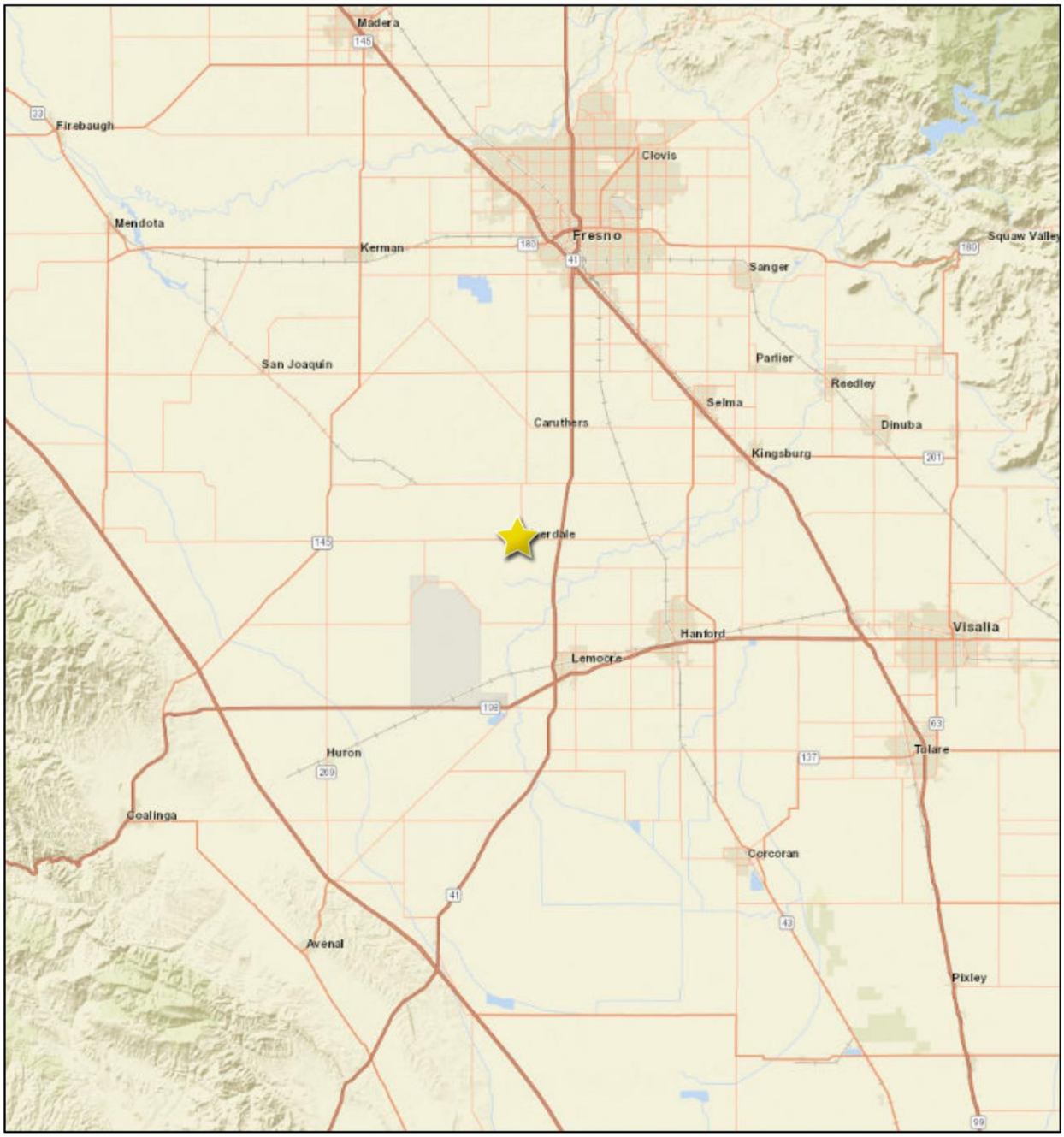


Figure 2: Project Site

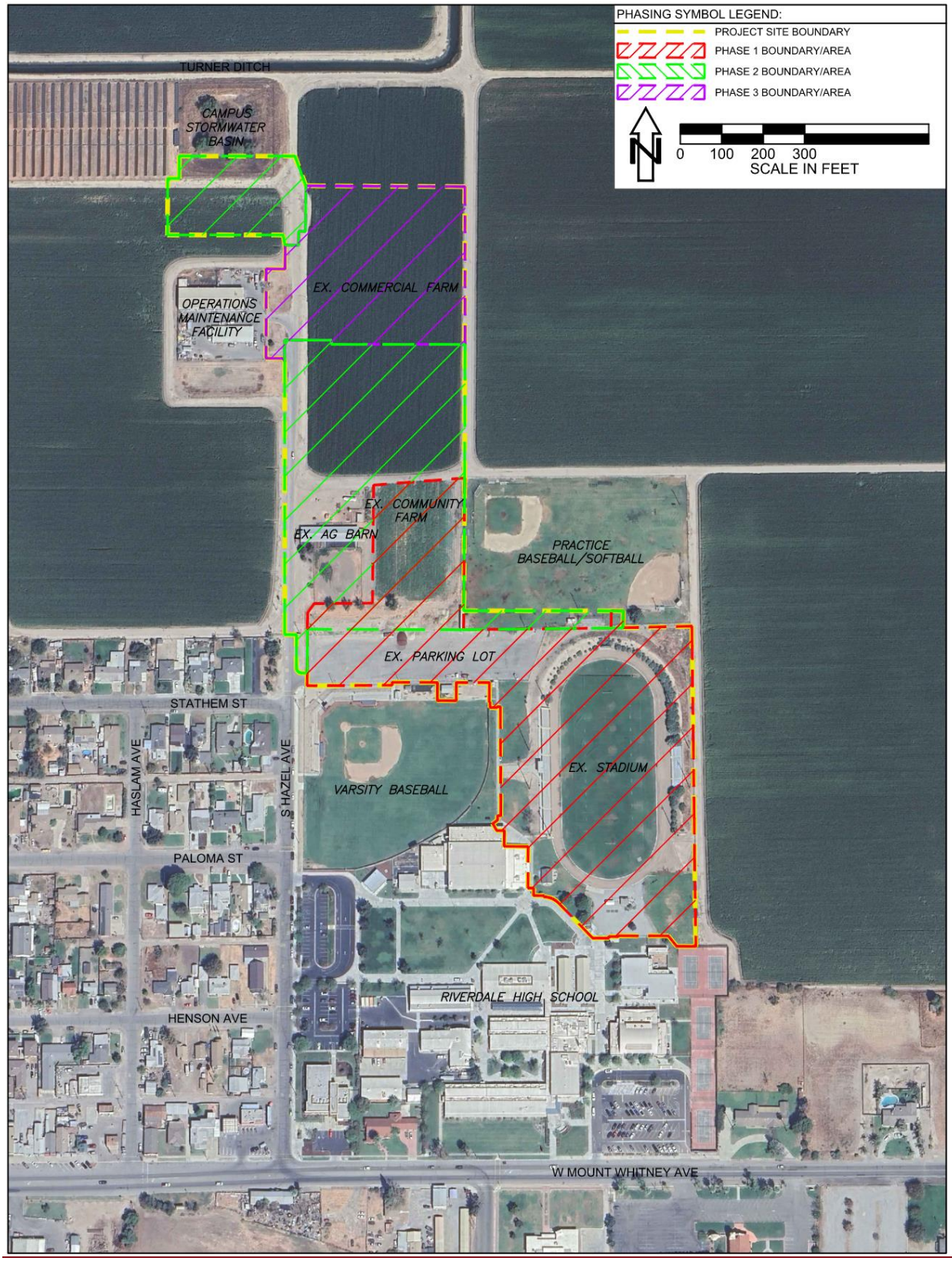
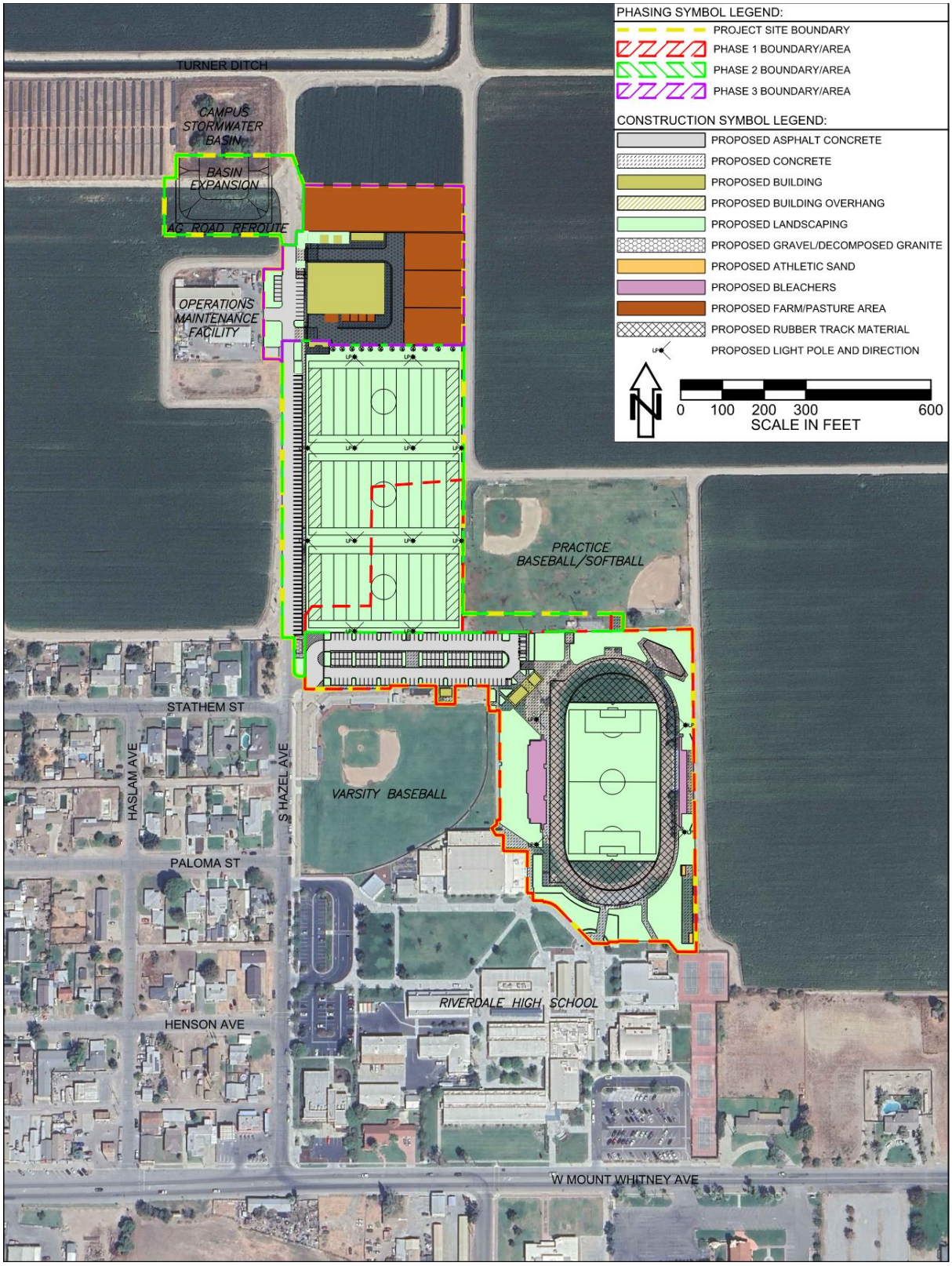


Figure 3: Project Site Plan



Meteorology and Climate

The SJVAB experiences an inland Mediterranean climate, heavily influenced by surrounding mountain ranges. These mountains create a partial rain shadow effect, causing Pacific winter storms to release precipitation on the western slopes and limiting rainfall within the valley. Additionally, the topography restricts air circulation, leading to stagnant air conditions during the cooler months.

Summers in the SJVAB are typically hot, dry, and clear, while winters are mild and humid. This climate pattern results from the region's topography and the influence of a semi-permanent subtropical high-pressure system. During summer, this high-pressure cell stabilizes atmospheric conditions and directs consistent northwesterly winds. These winds cause upwelling of cold ocean water along the California coast. In winter, the high-pressure system weakens and shifts southward, leading to offshore winds, reduced upwelling, and increased storm activity.

Annual patterns of temperature, humidity, precipitation, and wind in the SJVAB are shaped by its topography and the position of the subtropical high-pressure cell. Summertime often brings temperatures exceeding 100°F and clear skies, conditions conducive to ozone formation. Most precipitation occurs as rainfall during winter storms, which also bring winds and atmospheric instability, resulting in periods of low air pollution and improved visibility. However, between these storms, high-pressure systems and light winds can create temperature inversions and stable atmospheric conditions, leading to increased pollutant concentrations. Wind patterns in the SJVAB align with the valley's orientation; in summer, northwesterly winds can transport ozone and its precursors from the San Francisco Bay Area into the valley, while winter winds come from the southeast, with calm conditions often prevailing (San Joaquin Valley Air Pollution Control District 2015).

The project site is situated in the Census-designated community of Riverdale, which is primarily serviced by Pacific Gas & Electric (PG&E). The region experiences a semi-arid climate, with an average annual precipitation of 8.4 inches. Temperature fluctuations range from an average low of approximately 35 degrees Fahrenheit (°F) in January to an average high of 98°F in July (Western Regional Climate Center n.d.).

Atmospheric Stability and Inversions

Atmospheric stability refers to the atmosphere's resistance to vertical air movement, which is influenced by the vertical temperature profile. Stability classifications range from "Extremely Unstable" (Class A) to "Stable" (Class F). Unstable conditions, often occurring during daytime due to solar heating, facilitate significant vertical mixing and horizontal wind fluctuations. In contrast, stable conditions, more common during nighttime or periods with minimal surface heating, suppress vertical air movement, leading to limited dispersion of pollutants.

In the SJVAB, stable conditions (Classes D through F) are prevalent during late fall and winter, characterized by cool temperatures and trapped surface air. Transitional months like March and August experience a mix of stability conditions, while spring and summer months (April through July) are dominated by unstable conditions (Class A).

Temperature inversions, where a warmer air layer overlays cooler surface air, significantly impact the vertical dispersion of pollutants by limiting the mixing depth. The SJVAB experiences both surface-based inversions, common in the mornings and typically disrupted by daytime warming, and elevated inversions, which are less frequent but can cause more severe air stagnation. Surface-based inversions are more frequent in the fall, whereas stronger elevated inversions are typical in December and January.

These atmospheric conditions, combined with the SJVAB's topography, contribute to the region's challenges in dispersing air pollutants, affecting overall air quality (San Joaquin Valley Air Pollution Control District 2015).

Air Pollutants of Concern

Criteria Air Pollutants

The Federal Clean Air Act (FCAA) mandates that the U.S. Environmental Protection Agency (EPA) establish National Ambient Air Quality Standards (NAAQS) to safeguard public health and welfare. These pollutants are termed "criteria" pollutants because the EPA develops criteria documents to support the selection of these standards. The NAAQS specify the maximum permissible concentrations of these pollutants in the ambient air, with each standard defined as a concentration averaged over a specific time, such as one hour, eight hours, 24 hours, or one year. The varying averaging periods and concentration limits are designed to protect against different exposure effects. Primary standards aim to protect human health, while secondary standards focus on preventing environmental and property damage. The Clean Air Act permits states to adopt additional or more stringent standards to further protect public health and the environment (Environmental Protection Agency 2024).

Ozone (O_3) is a reactive gas composed of three oxygen atoms. At ground level, it forms through photochemical reactions involving sunlight, nitrogen oxides (NO_x), and volatile organic compounds (VOCs). This ground-level ozone is a significant component of smog and poses various health risks, including respiratory issues and cardiovascular problems. In the stratosphere, however, ozone occurs naturally and serves to shield the Earth from harmful ultraviolet radiation.

Reactive Organic Gases (ROGs) are hydrocarbon compounds that participate in atmospheric chemical reactions, contributing to smog formation. While there are no specific health standards for ROGs as a group, some constituents, such as benzene, are toxic and may be evaluated in toxic risk assessments. Total Organic Gases (TOGs) encompass all ROGs, along with less reactive compounds like methane and acetone. VOCs are a subset of TOGs and are regulated due to their role in ozone formation.

Nitrogen Oxides (NO_x) are a group of highly reactive gases, including nitrogen dioxide (NO_2), nitrous acid, and nitric acid. NO_x is primarily produced from the combustion of fossil fuels at high temperatures and pressures, with major sources including on-road and off-road motor vehicles and fuel combustion. NO_x serves as a precursor to the formation of ozone and particulate matter, and at elevated concentrations, NO_2 can be toxic.

Table 1. State and Federal Criteria Air Pollutant Effects and Sources

Pollutant	Principal Health and Atmospheric Effects	Typical Sources
Ozone (O_3)	High concentrations irritate lungs. Long-term exposure may cause lung tissue damage and cancer. Long-term exposure damages plant materials and reduces crop productivity. Precursor organic compounds include many known toxic air contaminants. Biogenic VOC may also contribute.	Low-altitude ozone is formed from reactive organic gases/volatile organic compounds (ROG or VOC) and nitrogen oxides (NOx) in the presence of sunlight and heat. Common precursor emitters include motor vehicles and other internal combustion engines, solvent evaporation, boilers, furnaces, and industrial processes.
Respirable Particulate Matter (PM_{10})	Irritates eyes and respiratory tract. Decreases lung capacity. Associated with increased cancer and mortality. Contributes to haze and reduced visibility. Includes some toxic air contaminants. Many toxic and other aerosol and solid compounds are part of PM_{10}.	Dust- and fume-producing industrial and agricultural operations; combustion smoke & vehicle exhaust; atmospheric chemical reactions; construction and other dust-producing activities; unpaved road dust and re-entrained paved road dust; natural sources.
Fine Particulate Matter ($PM_{2.5}$)	Increases respiratory disease, lung damage, cancer, and premature death. Reduces visibility and produces surface soiling. Most diesel exhaust particulate matter – a toxic air contaminant – is in the $PM_{2.5}$ size range. Many toxic and other aerosol and solid compounds are part of $PM_{2.5}$.	Combustion including motor vehicles, other mobile sources, and industrial activities; residential and agricultural burning; also formed through atmospheric chemical and photochemical reactions involving other pollutants including NOx, sulfur oxides (SOx), ammonia, and ROG.
Carbon Monoxide (CO)	CO interferes with the transfer of oxygen to the blood and deprives sensitive tissues of oxygen. CO also is a minor precursor for photochemical ozone. Colorless, odorless.	Combustion sources, especially gasoline-powered engines and motor vehicles. CO is the traditional signature pollutant for on-road mobile sources at the local and neighborhood scale.
Nitrogen Dioxide (NO_2)	Irritating to eyes and respiratory tract. Color's atmosphere reddish-brown. Contributes to acid rain & nitrate contamination of stormwater. Part of the "NOx" group of ozone precursors.	Motor vehicles and other mobile or portable engines, especially diesel; refineries; industrial operations.
Sulfur Dioxide (SO_2)	Irritates respiratory tract; injures lung tissue. Can yellow plant leaves. Destructive to marble, iron, steel. Contributes to acid rain. Limit's visibility.	Fuel combustion (especially coal and high-sulfur oil), chemical plants, sulfur recovery plants, metal processing; some natural sources like active volcanoes. Limited contribution possible from heavy-duty diesel vehicles if ultra-low sulfur fuel not used.
Lead (Pb)	Disturbs gastrointestinal system. Causes anemia, kidney disease, and neuromuscular and neurological dysfunction. Also, a toxic air contaminant and water pollutant.	Lead-based industrial processes like battery production and smelters. Lead paint, leaded gasoline. Aerially deposited lead from older gasoline use may exist in soils along major roads.
Visibility-Reducing Particles (VRP)	Reduces visibility. Produces haze. NOTE: not directly related to the Regional Haze program under the Federal Clean Air Act, which is oriented primarily toward visibility issues in National Parks and other "Class I" areas. However, some issues and measurement methods are similar.	See particulate matter above. May be related more to aerosols than to solid particles.
Sulfate	Premature mortality and respiratory effects. Contributes to acid rain. Some toxic air contaminants attach to sulfate aerosol particles.	Industrial processes, refineries and oil fields, mines, natural sources like volcanic areas, salt-covered dry lakes, and large sulfide rock areas.
Hydrogen Sulfide (H_2S)	Colorless, flammable, poisonous. Respiratory irritant. Neurological damage and premature death. Headache, nausea. Strong odor.	Industrial processes such as: refineries and oil fields, asphalt plants, livestock operations, sewage treatment plants, and mines. Some natural sources like volcanic areas and hot springs.
Vinyl Chloride	Neurological effects, liver damage, cancer. Also considered a toxic air contaminant.	Industrial processes.
Source: (California Air Resources Board n.d.)		

Particulate Matter (PM), or particle pollution, consists of tiny particles and liquid droplets composed of acids (e.g., nitrates and sulfates), organic compounds, metals, and dust. The size of these particles is critical to their health impact, with the EPA focusing on those 10 micrometers or smaller, as they can bypass the body's natural defenses and reach the lungs. Once inhaled, they can negatively affect both respiratory and cardiovascular health. The EPA classifies PM into three categories based on size and deposition location:

- Inhalable coarse particles ($PM_{2.5}$–PM_{10}): Found near roads and industrial sites, these particles range from 2.5 to 10 micrometers in diameter and settle in the thoracic region of the lungs.

- Fine particles ($PM_{2.5}$): Measuring 2.5 micrometers or smaller, these are common in smoke and haze, originating from sources such as wildfires or forming through chemical reactions in the atmosphere. They penetrate deep into the lungs, reaching the alveoli.

- Ultrafine particles (UFP): Smaller than 0.1 micrometers, these are produced by the combustion of fossil fuels, wood, and hydrocarbons. Though UFPs constitute a small fraction of $PM_{2.5}$ by mass, their high surface area and ability to enter the bloodstream can lead to greater health impacts.

PM pollution consists of both primary pollutants (direct emissions) and secondary pollutants (formed through atmospheric chemical reactions). $PM_{2.5}$ and UFPs originate from combustion sources like vehicles and power plants, while PM_{10} also includes emissions from roads, farming, and windblown dust.

Scientific studies link both short- and long-term exposure to PM with respiratory and cardiovascular issues. Prolonged exposure is associated with reduced lung function, chronic bronchitis, and premature death, while short-term exposure can trigger asthma, bronchitis, and respiratory infections. People with heart disease may face an increased risk of heart attacks or arrhythmias. Healthy individuals typically experience minor irritation at elevated PM levels.

Carbon Monoxide (CO) is a colorless, odorless, and highly toxic gas, primarily produced by incomplete fuel combustion. The major source is motor vehicles. Although CO emissions have declined due to improved emission controls, it remains a concern in urban areas.

Sulfur Dioxide (SO_2) is a pungent gas primarily emitted from burning sulfur-rich fossil fuels. It contributes to poor visibility and can react with other pollutants to form fine particulate matter ($PM_{2.5}$). Regulations limiting sulfur in fuels have helped reduce its impact.

Lead (Pb) is a metal naturally present in the environment that persists indefinitely. Once a major air pollutant from leaded gasoline, its phase-out has significantly reduced airborne lead levels. Lead exposure can cause severe health effects, including neurological damage and reproductive issues.

Hydrogen Sulfide (H_2S) is associated with geothermal activity, oil refining, and sewage treatment, this gas has a strong "rotten egg" smell and is highly toxic at high concentrations. Occupational exposure is strictly regulated due to its potential lethality.

Other Pollutants

California has established air quality standards for certain pollutants not regulated at the federal level. The California Air Resources Board (CARB) has established state-specific standards for hydrogen sulfide, sulfates, vinyl chloride, and visibility-reducing particles. The following provides an overview of these pollutants, including their characteristics, health and environmental effects, sources, and prevalence.

Sulfates (SO_4^{2-}) are the fully oxidized form of sulfur, typically found in combination with metal or hydrogen ions. In California, the primary source of sulfate emissions is the combustion of sulfur-containing petroleum fuels such as gasoline and diesel. During combustion, sulfur is converted into sulfur dioxide (SO_2), which then undergoes atmospheric oxidation to form sulfate compounds. This transformation occurs quickly and extensively in urban regions due to California's meteorological conditions.

CARB's sulfate standard aims to prevent respiratory health issues. Exposure to elevated sulfate levels has been linked to reduced lung function, worsened asthma symptoms, and an increased risk of cardiovascular and pulmonary diseases. Additionally, sulfates contribute significantly to reduced visibility and, because of their acidic nature, can damage ecosystems, materials, and infrastructure.

Visibility-Reducing Particles are a category of airborne particulate matter composed of solid fragments, liquid-coated particles, and fine liquid droplets. CARB's standard for these particles is intended to minimize regional haze that reduces visibility. The standard corresponds to a nominal visual range of 10 miles, helping to mitigate the frequency and severity of visibility impairment in affected areas.

Vinyl Chloride (C_2H_3Cl, VCM) is a synthetic, colorless gas that does not naturally occur in the environment. It is produced when compounds like trichloroethane, trichloroethylene, and tetrachloroethylene break down. Vinyl chloride is a key precursor in polyvinyl chloride (PVC), a widely used plastic material in products such as pipes, electrical wire coatings, and packaging.

Odors

Odors are typically considered a nuisance rather than a direct health risk. However, individuals may experience a range of psychological and physiological responses to unpleasant odors. Psychological reactions can include irritation, anger, or anxiety, while physiological effects may involve nausea, headaches, respiratory discomfort, and circulatory issues.

Sensitivity to odors varies significantly among individuals, making odor perception highly subjective. Some people can detect extremely low concentrations of certain substances, while others may not be as sensitive but could have heightened reactions to different odors. Additionally, personal perception of odors differs—what one person finds offensive, another might find pleasant or neutral (e.g., the smell of fast food). Unfamiliar odors tend to be more noticeable and more likely to generate complaints compared to familiar ones. This is due to a phenomenon known as odor fatigue, in which continuous exposure to an odor leads to desensitization, making it less perceptible over time unless its intensity changes.

Odors are characterized by two key properties: quality and intensity. Quality refers to the nature of the odor, such as whether it is floral or sweet. Intensity measures the odor's strength, which depends on the concentration of the odorant in the air. As an odorous substance is diluted, its concentration decreases, reducing its intensity until it reaches the detection threshold—below this point, the average person can no longer perceive it.
There are no federal or state regulations specifically governing odor control. The SJVAPCD does not have a dedicated rule addressing odors; however, they are covered under SJVAPCD Rule 4102 (Nuisance). Enforcement of odor-related concerns depends on complaints filed by citizens with local authorities or the SJVAPCD (San Joaquin Valley Air Pollution Control District 1992).

Toxic Air Contaminants

Toxic air contaminants (TACs) are pollutants that can lead to increased mortality, serious illness, or pose a general hazard to human health. While typically present in very small amounts in the atmosphere, their high toxicity means they can be harmful even at low concentrations. Unlike criteria pollutants, for which acceptable exposure levels are established through state and federal ambient air quality standards, TACs do not have a known safe threshold below which health effects are not expected. As a result, TACs are not classified as "criteria pollutants" under the FCAA or the California Clean Air Act (CCAA) and are not subject to National or State Ambient Air Quality Standards (AAQS). Instead, these pollutants are regulated separately by the EPA and the CARB through various regulations requiring advanced emission control technologies. The EPA enforces National Emission Standards for Hazardous Air Pollutants (NESHAPs), which set limits on emissions from specific sources based on technology standards, in accordance with the FCAA and its amendments (Environmental Protection Agency 2024).

In California, TACs are primarily regulated under the Tanner Air Toxics Act (AB 1807) and the Air Toxics Hot Spots Information and Assessment Act of 1987 (AB 2588). The Tanner Act outlines a detailed process through which ARB identifies and designates substances as TACs, incorporating research, scientific peer review, and public input. Meanwhile, the Air Toxics Hot Spots Act requires facilities emitting TACs to:

1. Develop an inventory of toxic emissions,
2. Conduct a risk assessment if emissions are found to be significant,
3. Inform the public if risks reach a certain threshold, and
4. Implement strategies to reduce exposure where necessary.

Exposure to TACs can cause both immediate and long-term health effects. Short-term exposure may result in mild symptoms such as eye irritation or, in more severe cases, respiratory damage. However, some health effects, including cancer, may not become evident until months or years after the initial exposure.

At the local level, air pollution control districts oversee emissions from stationary and industrial sources. In the SJVAPCD, if a project has the potential to emit TACs or is in an area with existing toxic contamination near sensitive populations, a screening health risk assessment may be required to evaluate potential impacts under worst-case conditions.

The following section outlines the key TACs of concern in California and their associated health risks (California Air Resources Board n.d.).

Diesel Particulate Matter (DPM) was classified by the CARB as a TAC in 1998. DPM is released from both mobile and stationary sources. In California, on-road diesel vehicles account for about 40% of the total DPM emissions, while other mobile sources like construction and mining equipment, agricultural machinery, and transport refrigeration units contribute an additional 57%. Stationary sources, which include shipyards, warehouses, heavy equipment repair yards, and oil and gas production operations, contribute around 3% of emissions. These emissions come from diesel-fueled internal combustion engines. Other stationary sources reporting DPM emissions include heavy construction, asphalt paving material manufacturers, and diesel-fueled power generation facilities.

In October 2000, the CARB released the "Risk Reduction Plan to Reduce Particulate Matter Emissions from Diesel-Fueled Engines and Vehicles," also known as the Diesel Risk Reduction Plan (DRRP). The DRRP aims to reduce DPM concentrations by 85% by 2020 compared to the year 2000 baseline. Key strategies include retrofitting existing engines with emission control devices, implementing stringent standards for new diesel engines, and reducing the sulfur content in diesel fuel to protect advanced emission control technologies. The plan also promotes the use of alternative fuels and electrification. These measures are expected to significantly lower emissions from both old and new diesel vehicles and stationary sources.

Exposure to DPM can cause immediate health effects, such as irritation of the eyes, nose, throat, and lungs, coughs, headaches, lightheadedness, and nausea. Studies have shown that DPM exposure can lead to lung inflammation, aggravate chronic respiratory symptoms, and increase the frequency or severity of asthma attacks. The elderly and individuals with emphysema, asthma, and chronic heart and lung diseases are particularly vulnerable to fine-particle pollution. Children, whose lungs and respiratory systems are still developing, are also more susceptible to fine particles, which can increase the frequency of childhood illnesses and reduce lung function. In California, DPM is recognized as a carcinogen (California Air Resources Board n.d.).

Benzene is a highly carcinogenic substance prevalent throughout California. The CARB classified benzene as a TAC in January 1985. Approximately 88% of benzene emissions in California originate from motor vehicles, including evaporative leaks and unburned fuel exhaust from on-road vehicles, recreational boats, off-road recreational vehicles, and lawn and garden equipment. Benzene is also produced as a partial combustion byproduct of larger aromatic fuel components. Industrial stationary sources contribute to benzene emissions to a lesser extent. The main stationary sources include crude petroleum and natural gas extraction, petroleum refining, and electricity generation using petroleum products. Residential combustion activities, such as cooking and water heating, are the primary area sources of benzene emissions (California Air Resources Board n.d.). Acute inhalation exposure of humans to benzene may cause drowsiness, dizziness, headaches, eye, skin, and respiratory tract irritation, and, at high levels, unconsciousness. Chronic inhalation exposure has caused various disorders in the blood, including reduced numbers of red blood cells and aplastic anemia, in occupational settings. Reproductive effects have been reported for women exposed by inhalation to high levels, and adverse effects on the developing fetus have been observed in animal tests.

Increased incidences of leukemia (cancer of the tissues that form white blood cells) have been observed in humans occupationally exposed to benzene. The EPA has classified benzene as known human carcinogen for all routes of exposure (Environmental Protection Agency n.d.).

The CARB identified 1,3-butadiene as a TAC in 1992. Most 1,3-butadiene emissions result from the incomplete combustion of gasoline and diesel fuels, with mobile sources being the primary contributors. Other sources include agricultural waste burning, forest management burns, petroleum refining, synthetic material manufacturing, and oil and gas extraction. Wildfires are the main natural source of 1,3-butadiene emissions.

Acute inhalation exposure to 1,3-butadiene can irritate the eyes, nasal passages, throat, and lungs. Epidemiological studies suggest a possible link between 1,3-butadiene exposure and cardiovascular diseases. Research on rubber plant workers has shown an increased incidence of leukemia associated with 1,3-butadiene exposure. Animal studies have also reported tumors at various sites due to 1,3-butadiene exposure. In California, 1,3-butadiene is recognized as a carcinogen (California Air Resources Board 1992).

Carbon Tetrachloride was identified by the CARB as a TAC in 1987 under California's TAC program. The main stationary sources of carbon tetrachloride emissions include chemical and allied product manufacturers and petroleum refineries. Historically, carbon tetrachloride was used in dry cleaning and as a grain fumigant, but these uses are no longer permitted in the United States. Since 1987, carbon tetrachloride has not been registered for pesticidal use in California, and its use in indoor products has been discontinued nationwide. Statewide carbon tetrachloride emissions are low, around 1.96 tons per year, with background concentrations posing most health risks.

Carbon tetrachloride primarily affects the liver, kidneys, and central nervous system in humans. Acute inhalation or oral exposure can cause symptoms such as headache, weakness, lethargy, nausea, and vomiting. Higher levels of acute exposure and chronic exposure can lead to liver and kidney damage. While human data on the carcinogenic effects of carbon tetrachloride are limited, animal studies have shown an increased risk of liver cancer from ingestion. In California, carbon tetrachloride is recognized as a carcinogen (California Air Resources Board 1987).

Hexavalent Chromium was identified as a TAC in 1986. Sources of Hexavalent chromium include industrial metal finishing processes, such as chrome plating and chromic acid anodizing, and firebrick lining of glass furnaces. Other sources include mobile sources, including gasoline motor vehicles, trains, and ships.

The respiratory tract is the major target organ for hexavalent chromium toxicity, for acute and chronic inhalation exposures. Shortness of breath, coughing, and wheezing were reported from a case of acute exposure to hexavalent chromium, while perforations and ulcerations of the septum, bronchitis, decreased pulmonary function, pneumonia, and other respiratory effects have been noted from chronic exposure. Human studies have clearly established that inhaled hexavalent chromium is a human carcinogen, resulting in an increased risk of lung cancer. In California, hexavalent chromium has been identified as a carcinogen (California Air Resources Board 2004).

Para-dichlorobenzene was designated as a TAC by the CARB in April 1993. The main sources of para-dichlorobenzene emissions are consumer products, including non-aerosol insect repellents and solid or gel air fresheners, which account for all emissions statewide.

Acute inhalation exposure to para-dichlorobenzene can cause irritation to the eyes, skin, and throat in humans. Long-term exposure may impact the liver, skin, and central nervous system. The EPA has classified para-dichlorobenzene as a possible human carcinogen (California Air Resoucres Board 1993).

Formaldehyde was identified as a TAC by the CARB in 1992. It is both directly emitted into the atmosphere and formed through photochemical oxidation, which is the largest source of formaldehyde in California's ambient air. Direct emissions result from incomplete combustion, with vehicular exhaust being a primary source. Formaldehyde is also used in resins, consumer products as an antimicrobial agent, fumigants, and soil disinfectants. Major area sources include wood burning in residential fireplaces and wood stoves.

Exposure to formaldehyde can occur through inhalation of contaminated indoor air, tobacco smoke, or urban air. Both acute and chronic inhalation exposure can cause respiratory symptoms and irritation of the eyes, nose, and throat. Limited human studies have linked formaldehyde exposure to lung and nasopharyngeal cancer, while animal studies have shown an increased incidence of nasal squamous cell cancer. Formaldehyde is classified as a probable human carcinogen (California Air Resources Board 2020).

Methylene Chloride was identified as a TAC by the CARB in 1987. It is used as a solvent, blowing agent, and cleaning agent in the production of polyurethane foam and plastic products, as well as in paint stripping operations. Paint removers are the largest users of methylene chloride in California, where it is a key ingredient in many formulations. Stationary sources reporting methylene chloride emissions include plastic product manufacturers, synthetic material manufacturers, and aircraft and parts manufacturers.

Acute inhalation of methylene chloride primarily affects the nervous system, causing reversible symptoms such as decreased visual, auditory, and motor functions. Chronic exposure suggests that the central nervous system is a potential target in both humans and animals. While human data on the carcinogenicity of methylene chloride are inconclusive, animal studies have shown increased incidences of liver and lung cancer, as well as benign mammary gland tumors. In California, methylene chloride is recognized as a carcinogen (California Air Resources Board 1989).

Perchloroethylene was identified as a TAC by the CARB in 1991. It is primarily used as a solvent in dry cleaning operations, but also in degreasing, paints and coatings, adhesives, aerosols, specialty chemical production, printing inks, silicones, rug shampoos, and laboratory solvents. In California, stationary sources reporting perchloroethylene emissions include dry cleaning plants, aircraft part and equipment manufacturers, and fabricated metal product manufacturers. Major area sources include consumer products like automotive brake cleaners and tire sealants.

Acute inhalation exposure to perchloroethylene can cause irritation of the upper respiratory tract and eyes, kidney dysfunction, and neurological effects such as reversible mood and behavioral changes, impaired

coordination, dizziness, headaches, sleepiness, and unconsciousness. Chronic exposure can lead to neurological issues, including headaches, cognitive and motor function impairments, and color vision decrements, as well as cardiac arrhythmia, liver damage, and potential kidney damage. In California, perchloroethylene is recognized as a carcinogen (California Air Resources Board 1991).

Asbestos

Asbestos refers to several types of naturally occurring fibrous minerals found in various parts of California, with chrysotile being the most common type. Serpentine rock, which often contains chrysotile asbestos, is abundant in the Sierra foothills, the Klamath Mountains, and the Coast Ranges. However, the project site is not in an area known for ultramafic rock.

Asbestos is typically found in ultramafic rock, including serpentine, and near fault zones. The asbestos content in these rocks can range from less than 1% to about 25% or more. Asbestos is released when ultramafic and serpentine rock is broken or crushed, such as when cars drive over unpaved roads surfaced with these rocks, during land grading for construction, or at quarrying operations. Natural weathering and erosion also release asbestos, which can become airborne and remain in the air for extended periods.

Other sources of asbestos include building materials and man-made products, such as heat-resistant insulators, cement, furnace or pipe coverings, inert filler material, fireproof gloves and clothing, and brake linings. Although asbestos has been used in the U.S. since the early 1900s, it is no longer allowed in most home products and materials. Many older buildings, schools, and homes still contain asbestos products.

The CARB identified naturally occurring asbestos as a TAC in 1986. The CARB has implemented two statewide control measures to prohibit the use of serpentine or ultramafic rock for unpaved surfacing and to control dust emissions from construction, grading, and surface mining in areas with these rocks. Additional regulations address the control of asbestos-containing materials during building renovation and demolition.

All types of asbestos are hazardous and can cause lung disease and cancer. Health risks depend on the level and duration of exposure. The longer and more intense the exposure, the higher the risk of health problems. Asbestos-related diseases, such as lung cancer, may not appear until decades after exposure. Smoking increases the risk of lung cancer from asbestos exposure (California Air Resources Board n.d.).

Valley Fever

Valley fever, scientifically known as coccidioidomycosis or "desert rheumatism," is an infection caused by the fungus Coccidioides. While it primarily affects the lungs, severe cases can spread to other parts of the body.

Coccidioides spores become airborne when contaminated soil and dust are disturbed by human activity, animals, or weather. These microscopic spores can be inhaled, leading to infection. Once in the lungs, the spores transform into spherules, which grow and release smaller endospores that can spread within the lungs or to other organs. Rarely, the spores can enter the skin through cuts or wounds, causing skin infections.

Symptoms of valley fever typically appear 1 to 3 weeks after exposure and include fatigue, coughing, fever, shortness of breath, headaches, night sweats, muscle aches, joint pain, and rashes. About 5 to 10 percent of those infected may develop serious or long-term lung issues, and around 1 percent may experience the infection spreading to other body parts, such as the central nervous system, skin, or bones. People with weakened immune systems are at higher risk for severe forms of the disease. The fungus does not spread from person to person or between people and animals, except in very rare cases through wound infections or organ transplants. Most people recover from valley fever without treatment within a few months, but antifungal medications may be prescribed to reduce symptom severity or prevent complications, especially for those at higher risk. Treatment usually lasts 3 to 6 months, but longer treatment may be necessary in some cases. If the infection leads to meningitis, lifelong antifungal treatment is typically required.

Researchers are studying how weather and climate patterns affect the habitat of Coccidioides. The fungus thrives in soil after heavy rainfall and disperses into the air during hot, dry conditions. Increased valley fever cases have been linked to such weather patterns in Arizona and California. The impact of climate change on the prevalence and geographic range of valley fever remains an area of ongoing research (Center for Disease Control and Prevention 2024).

Regulatory Framework

Air quality within the SJVAB is regulated by several authorities including the EPA, CARB, and the SJVAPCD. Each of these authorities develops rules, regulations, and policies to attain the goals or directives imposed upon them through legislation. EPA regulations may not be superseded, but both state and local regulations may be more stringent.

Federal

Federal Clean Air Act

The Federal Clean Air Act (FCAA) was first enacted in 1963 and later amended in 1970 and 1990, 2003, and 2010. The Act establishes the legal framework for regulating air quality in the United States and aims to protect public health and the environment by controlling air pollution. It requires the EPA to set NAAQS for pollutants harmful to human health and the environment, and states must develop State Implementation Plans (SIPs) to meet these standards. The Act also regulates emissions from mobile sources such as cars and trucks and stationary sources such as factories and power plants. Amendments to the clean Air Act Include:

1. Clean Air Act Amendments of 1970: This was the first major update to the original Clean Air Act of 1963, established the NAAQS for six criteria pollutants.
2. Clean Air Act Amendments of 1977: This amendment required states to develop implementation plans to meet the NAAQS and provided new authorities for enforcement.
3. Clean Air Act Amendments of 1990: This amendment expanded the NAAQS to include additional pollutants, such as ozone and particulate matter, and established the Acid Rain Program, the Stratospheric Ozone Protection Program, and the Toxics Release Inventory. It also provided new

provisions for regulating mobile sources of air pollution and established market-based mechanisms such as emissions trading (Environmental Protection Agency 2024).

4. Clear Skies Act of 2003: This proposed amendment sought to reduce power plant emissions of sulfur dioxide, nitrogen oxides, and mercury, but was never enacted into law (Environmental Protection Agency 2016).
5. Clean Air Act Amendments of 2010: This amendment updated the Clean Air Act to address greenhouse gas emissions and provided new regulatory authority to the EPA to regulate emissions of carbon dioxide and other greenhouse gases (U.S. Senate 2009-2010 Session 2010).

The FCAA defines six criteria air pollutants that are considered harmful to human health and the environment. These pollutants include:

1. Carbon monoxide (CO)
2. Nitrogen oxides (NOx)
3. Sulfur dioxide (SO_2)
4. Ozone (O_3)
5. Particulate matter (PM_{10} and $PM_{2.5}$)
6. Lead (Pb)

The EPA has established NAAQS for each of these pollutants to protect public health and welfare. The NAAQS are reviewed periodically and updated as needed to reflect the latest scientific research on the health effects of air pollution. Primary federal standards are the necessary levels of air quality, with a reasonable margin of safety to protect the public health (Environmental Protection Agency 2022). States are required to develop SIPs to achieve and maintain the NAAQS in their respective areas.

Toxic Substances Control Act

The Toxic Substances Control Act (TSCA) initially empowered the EPA to regulate asbestos in schools and public and commercial buildings under Title II, known as the Asbestos Hazard Emergency Response Act (AHERA). AHERA mandates that Local Education Agencies (LEAs) inspect their schools for asbestos-containing building materials (ACBM) and develop management plans to mitigate asbestos hazards. Additionally, the Act created a program for training and accrediting individuals who perform specific types of asbestos-related work (Environmental Protection Agency 2024).

State

The CARB is responsible for overseeing and coordinating state and local air pollution control programs in California. It is also tasked with implementing the CCAA of 1988. CARB's responsibilities include monitoring air quality in collaboration with air pollution control districts and air quality management districts, setting California Ambient Air Quality Standards (CAAQS), which are often more stringent than federal NAAQS, and establishing emissions standards for new motor vehicles. The CAAQS are summarized in Table 2. These vehicle emissions standards vary based on factors such as model year, vehicle type, fuel type, and engine specifications.

Table 2. Summary of Ambient Air Quality Standards

Pollutant	Average Time	California Standards	National Standards (Primary)
Ozone (O3)	1-hour	0.09 ppm (180 µg/m^3)	–
	8-hour	0.070 ppm (137 µg/m^3)	0.070 ppm
Particulate Matter (PM_{10})	AAM	20 µg/m^3	–
	24-hour	50 µg/m^3	150 µg/m^3
Fine Particulate Matter ($PM_{2.5}$)	AAM	12 µg/m^3	9.0 µg/m^3
	24-hour	No Standard	35 µg/m^3
Carbon Monoxide (CO)	1-hour	20 ppm (23 mg/m^3)	35 ppm (40 mg/m^3)
	8-hour	9.0 ppm (10 mg/m^3)	9 ppm (10 mg/m^3)
	8-hour (Lake Tahoe)	6 ppm (7 mg/m^3)	–
Nitrogen Dioxide (NO_2)	AAM	0.030 ppm (57 µg/m^3)	53 ppb (100 µg/m^3)
	1-hour	0.18 ppm (339 µg/m^3)	100 ppb (188 µg/m^3)
Sulfur Dioxide (SO_2)	AAM	–	0.03 ppm (for certain areas)
	24-hour	0.04 ppm (105 µg/m^3)	0.14 ppm (for certain areas)
	3-hour	–	–
	1-hour	0.25 ppm (655 µg/m^3)	75 ppb (196 µg/m^3)
Lead	30-day Average	1.5 µg/m^3	–
	Calendar Quarter	–	1.5 µg/m^3 (for certain areas)
	Rolling 3-Month Average	–	0.15 µg/m^3
Sulfates	24-hour	25 µg/m^3	No Federal Standards
Hydrogen Sulfide	1-hour	0.03 ppm (42 µg/m^3)	
Vinyl Chloride	24-hour	0.01 ppm (26 µg/m^3)	
Visibility-Reducing Particle Matter	8-hour	Extinction coefficient: 0.23/kilometer-visibility of 10 miles or more (0.07-30 miles or more for Lake Tahoe)	

µg/m^3 = micrograms per square meters *AAM = Annual Arithmetic Mean*
ppb = parts per billion *ppm= parts per million*

For more information visit: https://ww2.arb.ca.gov/sites/default/files/2024-08/AAQS%20Table_ADA_FINAL_07222024.pdf
Source: (California Air Resources Board 2024)

California Clean Air Act

In 1988, the CCAA was passed by the California Legislature to address air quality problems beyond the scope of the FCAA. Given that California has some of the most severe air quality issues in the United States, additional measures were necessary beyond the federal mandates. The CARB manages CAAQS for the 10 air pollutants identified in the CCAA, including the six federal standards and four additional pollutants:

1. visibility-reducing particulates,

2. hydrogen sulfide,
3. sulfates, and
4. vinyl chloride.

California was authorized by the EPA to enforce its own regulations for motor vehicles and other sources that are more stringent than the federal regulations implementing the FCAA. While the planning requirements of the CCAA are less strict than the FCAA, consistency with the federal act would also ensure consistency with the CCAA (South Coast Air Quality Management District 2024).

California Assembly Bill 170

In 2003, California enacted AB 170, which added Section 65302.1 to the Government Code. This legislation mandates that cities and counties within the San Joaquin Valley amend their general plans to incorporate data analysis, comprehensive goals, policies, and feasible implementation strategies aimed at improving air quality. The law acknowledges the severe air pollution challenges in the San Joaquin Valley and emphasizes the need for collaboration among land use and transportation planning agencies, transit operators, the development community, the SJVAPCD, and the public to address these issues. The required general plan amendments must include a report detailing local air quality conditions, emission inventories, significant source categories, attainment statuses, and applicable state and federal air quality and transportation plans. This initiative underscores California's commitment to enhancing air quality through integrated planning and community involvement (California State Legislature 2003-2004 Session 2003).

Assembly Bills 1807 & 2588 - Toxic Air Contaminants

In California, TACs are primarily regulated under two legislative acts: AB 1807, known as the Tanner Air Toxics Act, and AB 2588, the Air Toxics "Hot Spots" Information and Assessment Act of 1987.

AB 1807 (Tanner Air Toxics Act): This act establishes a formal process for the CARB to identify and control TACs. The procedure involves comprehensive research, opportunities for public participation, and scientific peer review before a substance is officially designated as a TAC (California Air Resources Board 2008).

AB 2588 (Air Toxics "Hot Spots" Act): This legislation requires stationary sources of emissions to report the types and quantities of certain substances they release into the air. Facilities identified under this act must:

1. Prepare a toxic emissions inventory to document the pollutants emitted.
2. Conduct a risk assessment if emissions are significant, evaluating potential health impacts on the surrounding community.
3. Notify the public if significant health risks are identified, ensuring transparency and community awareness.
4. Develop and implement risk reduction measures to mitigate identified health risks to acceptable levels (California Air Resources Board n.d.).

These acts collectively aim to monitor, assess, and reduce public exposure to harmful air pollutants in California.

California Air Resources Board's Truck and Bus Regulation

In California, regulations mandate that fleets reduce emissions from diesel trucks and buses by retrofitting or replacing older engines. Amendments adopted in December 2010 provided fleets additional time to comply, requiring the installation of particulate matter (PM) filters starting January 1, 2012, and the replacement of older engines beginning January 1, 2015. By January 1, 2023, all vehicles were required to have engines from the 2010 model year or newer. These regulations apply to most diesel-fueled trucks and buses, including school buses, with a gross vehicle weight rating over 14,000 pounds. Provisions include credits for early PM filter installation before July 2011, delayed requirements for fleets with three or fewer vehicles, and specific considerations for agricultural vehicles (California Air Resoucres Board 2014).

Airborne Toxic Control Measure to Limit School Bus Idling at Schools

In July 2003, the CARB implemented an Airborne Toxic Control Measure (ATCM) to minimize idling emissions from school buses and other vehicles near educational institutions. This regulation mandates that drivers of school buses and certain other vehicles turn off their engines upon arriving at a school and restart them no more than 30 seconds before departure. Also, these drivers are prohibited from idling for over five consecutive minutes at locations beyond 100 feet of a school, such as bus stops or activity destinations. Exceptions are allowed when idling is necessary for health, safety, or operational reasons. Motor carriers are required to inform drivers about these idling restrictions and maintain records of compliance (California Air Resources Board n.d.).

San Joaquin Valley Air Pollution Control District

The SJVAPCD is responsible for ensuring that air quality standards are met and maintained within the SJVAB, where the proposed project is located. Its duties include preparing plans to achieve ambient air quality standards, adopting and enforcing regulations for air pollution sources, issuing permits for stationary sources, inspecting these sources and addressing citizen complaints, monitoring air quality and meteorological conditions, and implementing programs required by the FCAA and the CCAA (San Joaquin Valley Air Pollution Control District n.d.). The SJVAPCD Rules and Regulations that are applicable to the proposed project include, but are not limited to, the following:

- **Regulation VIII (Fugitive Dust Prohibitions).** Regulation VIII (Rules 8011-8081). This regulation is a series of rules designed to reduce particulate emissions generated by human activity, including construction and demolition activities, carryout and trackout, paved and unpaved roads, bulk material handling and storage, unpaved vehicle/traffic areas, open space areas, etc. (San Joaquin Valley Air Pollution Control District 2004).
- **Rule 4002 (National Emissions Standards for Hazardous Air Pollutants).** This rule may apply to projects in which portions of an existing building would be renovated, partially demolished or removed. Regarding asbestos, the NESHAP specifies work practices to be followed during renovation, demolition or other abatement activities when friable asbestos is involved. Prior to demolition activity, an asbestos survey of the existing structure may be required to identify the presence of any asbestos containing building materials (ACBM). Removal of identified ACBM must be removed by a certified asbestos contractor in accordance with CAL-OSHA requirements (San Joaquin Valley Air Pollution Control District 2007).

- **Rule 4102 (Nuisance).** Applies to any source operation that emits or may emit air contaminants or other materials (San Joaquin Valley Air Pollution Control District 1992).
- **Rule 4103 (Open Burning).** This rule regulates the use of open burning and specifies the types of materials that may be open burned. Section 5.1 of this rule prohibits the burning of trees and other vegetative (non-agricultural) material whenever the land is being developed for non-agricultural purposes (San Joaquin Valley Air Pollution Control District 2010).
- **Rule 4601 (Architectural Coatings).** Limits volatile organic compounds from architectural coatings (San Joaquin Valley Air Pollution Control District 2020).
- **Rule 4641 (Cutback, Slow Cure, and Emulsified Asphalt, Paving and Maintenance Operations).** This rule applies to the manufacture and use of cutback, slow cure, and emulsified asphalt during paving and maintenance operations (San Joaquin Valley Air Pollution Control District 1992).
- **Rule 9510 (Indirect Source Review - ISR).** Requires developers of larger residential, commercial, recreational, and industrial projects to reduce smog-forming and particulate emissions from their projects' baselines. If project emissions still exceed the minimum baseline reductions, a project's developer will be required to mitigate the difference by paying an off-site fee to the District, which would then be used to fund clean-air projects. For projects subject to this rule, the ISR rule requires developers to mitigate and/or offset emissions sufficient to achieve: (1) 20-percent reduction of construction equipment exhaust NOx; (2) 45-percent reduction of construction equipment exhaust PM_{10}; (3) 33-percent reduction of operational NOx over 10 years; and (4) 50-percent reduction of operational PM_{10} over 10 years. SJVAPCD ISR applications must be filed "no later than applying for a final discretionary approval with a public agency" (San Joaquin Valley Air Pollution Control District 2017).

Regulatory Attainment Designations

Under the CCAA, the CARB is responsible for designating areas in the state based on air quality status in relation to specific standards. Areas are designated as "attainment" if pollutant concentrations meet the standards, and as "nonattainment" if pollutant concentrations exceed the standards at least once, excluding those violations caused by exceptional events. Nonattainment areas are further categorized as serious, severe, or extreme, depending on the frequency and severity of violations. An "unclassified" designation is used when data does not support either attainment or nonattainment status. The CCAA establishes increasingly stringent control measures for areas based on these classifications. Similarly, the EPA classifies areas for pollutants like ozone, CO, NO_2, and SO_2, but the terminology used by CARB (attainment, nonattainment, unclassified) is more commonly referenced. The EPA also uses subcategories for nonattainment status, including serious, severe, and extreme.

The state and national attainment status designations pertaining to the SJVAB are summarized in Table 3. The SJVAB is currently designated as a nonattainment (extreme) with respect to the state 1-hour ozone, 8-hour ozone, $PM_{2.5}$, and PM_{10} standards. The SJVAB is designated nonattainment for the national, 8-hour ozone and $PM_{2.5}$ standards (San Joaquin Valley Air Pollution Control District n.d.).

Table 3. SJVAB Attainment Status Designation

Pollutant	Federal Designation	State Designation
Ozone, 1 hour	No Standard	Nonattainment/Severe
Ozone, 8 hour	Nonattainment/Extreme	Nonattainment

PM_{10}	Attainment	Nonattainment
$PM_{2.5}$	Nonattainment	Nonattainment
Carbon Monoxide	Attainment/Unclassified	Attainment/Unclassified
Nitrogen dioxide	Attainment/Unclassified	Attainment
Sulfur dioxide	Attainment/Unclassified	Attainment
Lead (particulate)	No Designation/Classification	Attainment
Hydrogen sulfide	No Federal Standard	Unclassified
Sulfates	No Federal Standard	Attainment
Visibility-reducing particulates	No Federal Standard	Unclassified
Vinyl Chloride	No Federal Standard	Attainment
For more information visit website url: https://ww2.valleyair.org/air-quality-information/ambient-air-quality-standards-valley-attainmnet-status/ *Source:* (San Joaquin Valley Air Pollution Control District n.d.)		

Ambient Air Quality

Air pollutant concentrations are measured at several monitoring stations in the Fresno County and the Nearby Kings County. The Hanford-S Irwin Street Monitoring Station is the closest representative monitoring site to the proposed project site with sufficient data to meet EPA and/or CARB criteria for quality assurance. This monitoring station monitors ambient concentrations of ozone, nitrogen dioxide, PM_{10}, and $PM_{2.5}$. Ambient monitoring data was obtained for the last three years of available measurement data (i.e., 2021 through 2023) and are summarized in Table 4. As depicted, the state and national standards for ozone, PM_{10}, and $PM_{2.5}$ were exceeded on numerous occasions over the past 3 years.

Sensitive Receptors

One of the most important reasons for air quality standards is the protection of those members of the population who are most sensitive to the adverse health effects of air pollution, termed "sensitive receptors." The term sensitive receptors refer to specific population groups and land uses where individuals would reside for long periods. Commonly identified sensitive population groups are children, the elderly, the acutely ill, and the chronically ill. Commonly identified sensitive land uses would include facilities that house or attract children, the elderly, people with illnesses, or others who are especially sensitive to the effects of air pollutants. Residential dwellings, schools, parks, playgrounds, childcare centers, convalescent homes, and hospitals are examples of sensitive land uses.

Table 4. Summary of Ambient Air Quality Monitoring Data

Air Pollutant	Averaging Time	Item	2021	2022	2023
Ozone[1]	1 Hour	Max 1 Hour	**0.102**	**0.091**	**0.091**
		Days > State Standard (0.09 ppm)	0	**1**	**1**
	8 Hour	Max 8 Hour	**0.095**	**0.081**	**0.079**
		Days > State Standard (0.07 ppm)	**16**	**12**	**11**
		Days > National Standard (0.075 ppm)	**4**	**3**	**5**
Carbon monoxide	8 Hour	Max 8 Hour (ppm)	ND	ND	ND
		Days > State Standard (9.0 ppm)	ND	ND	ND
		Days > National Standard (9 ppm)	ND	ND	ND
Nitrogen dioxide[1]	Annual	Annual Average (ppm)	0.008	0.008	0.007
	1 Hour	Max 1 Hour (ppm)	0.042	0.046	0.055
		Days > State Standard (0.18 ppm)	0	0	0
Sulfur dioxide	Annual	Annual Average (ppm)	ND	ND	ND
	24 Hour	Max 24 Hour (ppm)	ND	ND	ND
		Days > State Standard (0.04 ppm)	ND	ND	ND
Inhalable coarse particles (PM_{10}) [1]	Annual	Annual Average (µg/m^3)	**52.41**	49.46	43.75
	24 Hour	24 Hour Maximum (µg/m^3)	**191.8**	**250.8**	**157.4**
		Days > State Standard (50 µg/m^3)	**149**	**136**	**116**
		Days > National Standard (150 µg/m^3)	**10**	**1**	**1**
Fine Particulate Matter ($PM_{2.5}$)[1]	Annual	Annual Average (µg/m^3)	15.72	14.16	12.51
	24 Hour	24 Hour Maximum (µg/m^3)	**81.0**	**62.9**	**54.4**
		Days > National Standard (35 µg/m^3)	**31**	**25**	**11**

Notes and Abbreviations:
>= exceed
ppm = parts per million
µg/m^3 = micrograms per cubic meter
ID = insufficient data
ND = no data
max = maximum
Bold = exceedance
State Standard = California Ambient Air Quality Standard National Standard = National Ambient Air Quality Standard
[1] Data from Hanford-S Irwin Street Monitoring Station (California Air Resources Board n.d.)

Sensitive land uses near the proposed project site consist of Riverdale High School and residential land uses. Classroom and student congregation areas border the Phase 1 Stadium Remodel site to the south and southeast and student athletic areas border the Stadium and Parking Lot remodel site to the east, south, and north. Student athletic areas border the Phase 2 Multi-use Fields site to the south and east. The Phase 3 Ag Barn Remodel and Hazel Avenue Reconstruction site would border the new Multi-use

Fields student/public athletic area to the south and east. Residential land uses are located to the southeast of the Project site, with the homes the most northwestern home being the nearest residential receptor of the project site. The start of the nearest residential land use is located approximately 125 ft west of the Phase 1 Parking Lot Remodel site and approximately 75 ft west of the Phase 3 Hazel Avenue reconstruction site (refer to Figure 2).

Impacts & Mitigation Measures

Methodology

Short-term Impacts

The CalEEMod 2022.1.1.29 computer program was used to estimate short-term emissions from construction activities related to each phase of the proposed project. Emissions were calculated for various construction sub-phases, including demolition, site preparation/grading, construction, paving, and application of architectural coatings. Since specific construction details such as schedules and equipment requirements have not yet been determined, the default assumptions within CalEEMod were utilized for the emission estimates. The assumptions and modeling results are provided in Appendix A of this report.

Long-term Impacts

The CalEEMod computer program was used to estimate long-term operational emissions of criteria air pollutants associated with each phase of the proposed project. Mobile-source emissions were estimated to be zero with the following rationale per phase:

1. Phase 1 would not increase student capacity or events at the High School. The remodeling of the stadium would only provide improved facilities for existing students and visitors for events.
2. Phase 2 would not increase vehicle miles traveled (VMT). The Multi-use fields would not increase student capacity at the campus and would instead provide additional athletic fields to eliminate over-use of existing fields that currently results in poor field conditions. Secondly, the Multi-use fields would be open to public recreation and some usage from the public of Riverdale is anticipated. However, the Multi-use fields would provide public recreation facilities to a community that does not have any public parks. The nearest public parks for Riverdale are in Lemoore and Hanford, about nine and eleven miles away, respectively. While Phase 2 would result in new trips to the campus, many users would replace traveling to Lemoore and Hanford for the much closer proposed Multi-use fields.
3. Phase 3 would not increase student capacity at the High School. The reconstruction of the Ag Barn would provide improved facilities for the existing students of the campus.

Based on this assessment, the Project would not result in an increase in operational mobile emission sources. The analysis also included a qualitative assessment of localized pollutant exposure, such as fugitive dust, mobile-source CO, and odors. For a conservative evaluation, project operations were assumed to commence in 2026. The modeling assumptions and output files can be found in Appendix A of this report

Thresholds of Significance

In accordance with Appendix G of the CEQA Guidelines Initial Study Checklist, a project would be considered to have a significant impact to climate change if it would:

a. Conflict with or obstruct implementation of the applicable air quality plan.
b. Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard.
c. Expose sensitive receptors to substantial pollutant concentrations.
d. Result in other emissions (such as those leading to odors) adversely affecting many people.

To assist local authorities in the evaluation of air quality impacts, the SJVAPCD has published the Guide for Assessing and Mitigating Air Quality Impacts (GAMAQI) (San Joaquin Valley Air Pollution Control District 2015). This guidance document includes recommended thresholds of significance to be used for the evaluation of short-term construction, long- term operational, odor, toxic air contaminant, and cumulative air quality impacts. Accordingly, the SJVAPCD-recommended thresholds of significance are used to determine whether implementation of the proposed project would result in a significant air quality impact. The thresholds of significance are summarized below.

- Short-term Emissions—Construction impacts associated with the proposed project would be considered significant if project-generated emissions would exceed 100 tons per year (TPY) of CO, 10 TPY of ROG or NOx, 27 TPY of SOx, or 15 TPY of PM_{10} or $PM_{2.5}$.
- Long-term Emissions—Operational impacts associated with the proposed project would be considered significant if project generated emissions would exceed 100 TPY of CO, 10 TPY of ROG or NOx, 27 TPY of SOx, or 15 TPY of PM_{10} or $PM_{2.5}$.
- Conflict with or Obstruct Implementation of Applicable Air Quality Plan—Due to the region's non-attainment status for ozone, $PM_{2.5}$, and PM_{10}, if project-generated emissions of ozone precursor pollutants (i.e., ROG and NOx) or PM would exceed the SJVAPCD's significance thresholds, then the project would be considered to conflict with the attainment plans.
- Local Mobile-Source CO Concentrations—Local mobile source impacts associated with the proposed project would be considered significant if the project contributes to CO concentrations at receptor locations in excess of the CAAQS (i.e., 9.0 ppm for 8 hours or 20 ppm for 1 hour).
- Exposure to TACs would be considered significant if the probability of contracting cancer for the Maximally Exposed Individual (i.e., maximum individual risk) would exceed 20 in 1 million or would result in a Hazard Index greater than 1.
- Odor impacts associated with the proposed project would be considered significant if it could frequently expose members of the public to objectionable odors.

In addition to the above thresholds, the SJVAPCD recommends daily emissions thresholds for the evaluation of project impacts on localized ambient air quality conditions. Accordingly, the proposed project would also be considered to result in a significant contribution to localized ambient air quality if on-site emissions for ROG, NOx, PM_{10}, $PM_{2.5}$, CO, or SO_2 associated with either short-term construction or long- term operational activities would exceed a daily average of 100 pounds per day (lbs/day) for each of the pollutants evaluated (San Joaquin Valley Air Pollution Control District 2015).

Project Impacts

Impact AQ-A.	***Would the project conflict with or obstruct implementation of the applicable air quality plan?***

In accordance with SJVAPCD-recommended methodology for the assessment of air quality impacts, projects that result in significant air quality impacts at the project level are also considered to have a significant cumulative air quality impact. As noted in Impact AQ-B, short-term construction and long-term operational emissions would not exceed applicable thresholds. In addition, the proposed project would not result in a significant increase in vehicle miles traveled (VMT) and would not be inconsistent with the Fresno Council of Government's (FCOG's) 2022 Regional Transportation Plan and Sustainable Communities Strategies (Fresno Council of Governments 2022). efforts. For these reasons, the proposed project's implementation would not conflict with air quality attainment or maintenance planning efforts. This impact would be considered **less than significant**.

Impact AQ-B.	***Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard?***

The proposed project is in the unincorporated community of Riverdale, within the SJVAB. The SJVAB is classified as nonattainment for the national 8-hour ozone and $PM_{2.5}$ standards and nonattainment for state 1-hour Ozone, 8-hour ozone, PM_{10}, and $PM_{2.5}$. Air quality impacts related to the proposed project may arise during both construction and operational phases. The following sections discuss the short-term construction and long-term operational air quality impacts associated with the project:

Short-term Construction Emissions

During construction, temporary increases in air pollutant emissions would occur. Although construction-related emissions are short-term and limited to the duration of construction activities, they can result in significant air quality impacts. The proposed project's construction would temporarily generate emissions from site grading, excavation, paving, painting, exhaust from construction equipment and worker trips, as well as the movement of equipment on unpaved surfaces. These activities would lead to increased emissions of ozone precursors (ROG and NOx) and particulate matter (PM). Ozone precursor emissions would primarily come from on-road and off-road vehicles and equipment, while PM emissions would depend on the extent of ground disturbance during grading and excavation, potentially affecting nearby sensitive land uses. Estimated annual construction emissions for the proposed project alternatives are presented in Table 5.

As shown in Table 5, the maximum uncontrolled annual emissions from project construction are estimated at 0.40 TPY of ROG, 0.81 TPY of NOx, 1.02 TPY of CO, <0.005 TPY of SO_2, 0.14 TPY of PM_{10}, and 0.08 TPY of $PM_{2.5}$. These emissions would remain below the SJVAPCD's significance thresholds of 10 TPY for ROG and NOx, 100 TPY for CO, 27 TPY for SO_2, and 15 TPY for PM_{10} and $PM_{2.5}$.

Table 5. Annual Construction Emissions (Unmitigated)

Construction Phase	Maximum Annual Emissions (TPY) [1]					
	ROG	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Phase 1						
Construction Year 2025	0.11	0.81	1.02	<0.005	0.10	0.05
Construction Year 2026	0.40	0.61	0.96	<0.005	0.07	0.03
Phase 2						
Construction Year 2026	0.08	0.69	0.75	<0.005	0.14	0.08
Phase 3						
Construction Year 2027	0.07	0.57	0.72	<0.005	0.06	0.04
Construction Year 2028	0.09	0.26	0.36	<0.005	0.01	0.01
Maximum Annual Emissions:	0.40	0.81	1.02	<0.005	0.14	0.08
Significance Thresholds:	*10*	*10*	*100*	*27*	*15*	*15*
Exceeds Thresholds/Significant Impact?:	*No*	*No*	*No*	*No*	*No*	*No*

1. Based on CalEEMod computer modeling. Totals may not sum due to rounding. Does not include emission control measures.
Refer to Appendix A for modeling results and assumptions.

Estimated average-daily on-site construction emissions are summarized in Table 6. As noted in Table 6, construction of the proposed project would generate maximum on-site emissions of approximately 64.7 lbs/day of ROG, 31.64 lbs/day of NOx, 30.18 lbs/day of CO, 0.05 lbs/day of SO_2, 9.03 lbs/day of PM_{10}, and 5.20 lbs/day of $PM_{2.5}$. Daily on-site construction emissions would not exceed the SJVAPCD's recommended localized ambient air quality significance thresholds of 100 lbs/day for any of the criteria pollutants.

Table 6. Daily On-Site Construction Emissions (Unmitigated)

Construction Phase	Daily Emissions (lbs/day) [1]					
	ROG	NO_X	CO	SO_2	PM_{10}	$PM_{2.5}$
Phase 1						
Demolition	2.40	22.19	19.92	0.03	0.96	0.85
Site Preparation	3.31	31.64	30.18	0.05	9.03	5.20
Grading	1.74	16.27	17.91	0.03	3.51	2.00
Building Construction 2025	0.84	7.70	10.7	0.02	0.32	0.29
Building Construction 2026	0.79	7.27	10.7	0.02	0.27	0.25
Paving & Track	1.23	6.23	8.81	0.01	0.26	0.24
Architectural Coating	64.7	0.86	1.13	<0.005	0.02	0.02
Phase 2						

Demolition	2.29	20.7	19.0	0.03	1.01	0.81
Site Preparation	3.14	29.2	28.8	0.05	8.91	5.08
Grading	1.65	15.0	17.4	0.03	3.14	1.93
Phase 3						
Site Preparation	1.19	10.4	11.6	0.02	2.91	1.60
Grading	1.37	12.2	13.9	0.02	3.30	1.84
Building Construction 2027	0.74	6.20	8.00	0.01	0.18	0.16
Building Construction 2028	0.71	6.01	7.97	0.01	0.15	0.14
Paving	0.68	4.13	6.47	0.01	0.15	0.13
Architectural Coating	13.4	0.81	1.12	<0.005	0.02	0.01
Maximum Daily On-site Emissions:	64.7	31.64	30.18	0.05	9.03	5.20
Significance Thresholds:	*100*	*100*	*100*	*100*	*100*	*100*
Exceeds Thresholds/Significant Impact?:	*No*	*No*	*No*	*No*	*No*	*No*
1. Based on CalEEMod computer modeling. Totals may not sum due to rounding. Refer to Appendix A for modeling results and assumptions.						

Additionally, project construction would be required to comply with applicable SJVAPCD rules and regulations. This would further reduce construction related emissions. For these reasons, the impact of construction-generated emission would be considered **less than significant**.

Long-term Operational Emissions

Table 7 summarizes the estimated increase of annual operational emissions for the proposed project compared to existing operation of the project site. Upon completion of the project (Phase 1, 2, and 3), the project is expected to generate approximately 0.03 TPY of ROG, 0.05 TPY of NOx, 0.18 TPY of CO, and <0.005 TPY of SO_2, PM_{10}, and $PM_{2.5}$. These emissions would primarily result from mobile sources, building operations (including energy use), and area sources such as occasional use of cleaning products, architectural coatings, and maintenance activities. Operational emissions from the project in 2028 would remain below SJVAPCD's mass-emissions significance thresholds.

Table 7 summarizes the estimated increase of annual average daily on-site operational emissions compared to existing project site operation. As mentioned, maximum daily emissions would primarily stem from area sources, such as landscape maintenance activities and the use of consumer products. Upon completion of the project (Phase 1, 2, and 3), maximum daily on-site emissions are estimated at 2.00 lbs/day of ROG, 0.33 lbs/day of NOx, 1.8 lbs/day of CO, <0.005 lbs/day of SO_2, 0.13 lbs/day of PM_{10}, and 0.05 lbs/day of $PM_{2.5}$.

Even at maximum levels, daily on-site emissions would remain below the SJVAPCD's localized ambient air quality significance threshold of 100 lbs/day for all criteria pollutants. The long-term operation of the proposed project is not expected to significantly impact regional or local air quality.

Table 7. Long-term Operational Emissions (Unmitigated)

Season	Unmitigated Annual Emissions (TPY)[1]					
	ROG	NO_x	CO	SO_2	PM_{10}	$PM_{2.5}$
Phase 1, 2026						
Mobile Source	0.00	0.00	0.00	0.00	0.00	0.00
Area Source	0.01	<0.005	0.02	<0.005	<0.005	<0.005
Energy Use	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005
Total:	0.02	<0.005	0.03	<0.005	<0.005	<0.005
Significance Thresholds (tons):	*10*	*10*	*100*	*27*	*15*	*15*
Exceeds Thresholds/Significant Impact?:	*No*	*No*	*No*	*No*	*No*	*No*
Phase 2, 2026						
Mobile Source	<0.005	0.01	0.04	<0.005	0.01	<0.005
Area Source	0.03	0.00	0.02	<0.005	<0.005	<0.005
Energy Use	0.00	0.00	0.00	0.00	0.00	0.00
Total:	<0.005	0.001	0.04	<0.005	0.01	<0.005
Significance Thresholds (tons):	*10*	*10*	*100*	*27*	*15*	*15*
Exceeds Thresholds/Significant Impact?:	*No*	*No*	*No*	*No*	*No*	*No*
Phase 3, 2028						
Mobile Source	0.00	0.00	0.00	0.00	0.00	0.00
Area Source	0.09	<0.005	0.07	<0.005	<0.005	<0.005
Energy Use	<0.005	0.04	0.04	<0.005	<0.005	<0.005
Total:	0.10	0.04	0.11	<0.005	<0.005	<0.005
Significance Thresholds (tons):	*10*	*10*	*100*	*27*	*15*	*15*
Exceeds Thresholds/Significant Impact?:	*No*	*No*	*No*	*No*	*No*	*No*
TOTAL: Phase 1, 2, & 3, 2028						
Mobile Source	<0.005	0.01	0.04	<0.005	0.01	<0.005
Area Source	0.13	<0.005	0.11	<0.005	<0.005	<0.005
Energy Use	<0.005	0.04	0.04	<0.005	<0.005	<0.005
Total:	0.03	0.05	0.18	<0.005	0.01	<0.005
Significance Thresholds (tons):	*10*	*10*	*100*	*27*	*15*	*15*
Exceeds Thresholds/Significant Impact?:	*No*	*No*	*No*	*No*	*No*	*No*
Phase 1 Maximum Daily Emissions 2026 (lbs)[2]:	0.08	0.03	0.15	<0.005	<0.005	<0.005
Phase 2 Maximum Daily Emissions 2026 (lbs)[2]:	0.21	0.06	0.62	<0.005	0.11	0.03
Phase 3 Maximum Daily Emissions 2028 (lbs)[2]:	0.59	0.24	1.03	<0.005	0.02	0.02
Total Maximum Daily Emissions 2028 (lbs)[2]:	2.00	0.33	1.80	<0.005	0.13	0.05
Significance Thresholds (lbs):	*100*	*100*	*100*	*100*	*100*	*100*
Exceeds Thresholds/Significant Impact?:	*No*	*No*	*No*	*No*	*No*	*No*

1. Emissions were calculated using the CalEEMod computer program.
2. Based on highest emissions between winter and summer operation.
Totals may not sum due to rounding.
Refer to Appendix A for modeling assumptions and results.

Impact AQ-C.	***Would the project expose sensitive receptors to substantial pollutant concentrations?***

Sensitive land uses near the proposed project site consist mainly of education and residential land uses. The nearest educational land use is located south of the project site, and residential land uses are located to the southwest of the project site. Long-term operational and short-term construction activities and emission sources that could adversely impact these nearest sensitive receptors are discussed, as follows:

Long-term Operation

Toxic Air Contaminants

Implementation of the proposed project would not result in the long-term operation of any major onsite stationary sources of TACs, nor would project implementation result in a significant increase in diesel-fueled vehicles traveling along area roadways. No major stationary sources of TACs were identified in the project vicinity that would result in increased exposure of students and employees to TACs. For these reasons, long- term increases in exposure to TACs would be considered **less than significant.**

Carbon Monoxide

Carbon monoxide (CO) is the primary criteria air pollutant of local concern for the proposed project. Under certain meteorological and traffic conditions, such as areas with heavy congestion, CO levels can reach unhealthy concentrations. When inhaled, CO is readily absorbed into the bloodstream, reducing oxygen delivery to the body and potentially causing health effects ranging from mild headaches to severe outcomes, including death. Those most vulnerable include individuals with anemia and those suffering from chronic lung or heart conditions.

CO emissions from mobile sources are directly influenced by traffic volume, speed, and congestion. However, CO disperses quickly under normal atmospheric conditions, limiting its transport. As a result, CO modeling is recommended for sensitive land uses near signalized intersections expected to operate at poor levels of service (LOS). Since the project site is not near a signalized intersection and the project is expected would not significantly increase use and related vehicle trips, therefore long-term exposure to localized CO concentrations would be considered less than significant

Short-term Construction

Naturally Occurring Asbestos

Naturally occurring asbestos, designated as a TAC by CARB in 1986, is commonly found in areas with ultramafic rock throughout California. However, the project site is not located near any regions likely to contain ultramafic rock (U.S Geologic Survey 2011). Therefore, the risk of exposure to naturally occurring asbestos during construction is considered **less than significant**.

Asbestos-Containing Materials

Demolition activities can negatively impact air quality, particularly concerning the proper handling, removal, and disposal of asbestos-containing materials (ACM). ACM may be present in buildings constructed before 1970 and can also be found in various materials, such as utility pipes and pipeline insulation. If a project involves disturbing or potentially disturbing ACM, it must comply with applicable regulations, including the National Emission Standard for Hazardous Air Pollutants (40 CFR 61, Subpart M - Asbestos NESHAP). These regulations require, among other things: (1) notification to the local air pollution control district at least 10 business days before activities begin, (2) an asbestos survey conducted by a Certified Asbestos Consultant, and (3) proper removal and disposal of identified ACM. The SJVAPCD administers these regulations through its Rule 4002 (San Joaquin Valley Air Pollution Control District 2007).

Since the proposed project would be required to comply with Rule 4002, the risk of exposure to asbestos-containing materials is considered **less than significant**.

Lead-Coated Materials

Demolishing structures coated with lead-based paint can negatively impact air quality and pose health risks to nearby individuals. Lead-based paint is commonly found in buildings constructed before 1978, and improper demolition can release lead-containing particles into the environment. Activities such as sandblasting or using heat guns to remove paint can generate significant lead emissions. To prevent lead exposure, proper abatement must be conducted before demolition.

Federal and state regulations, including the Lead in Construction Standard (29 CFR 1926.62) and California Code of Regulations (CCR Title 8, Section 1532.1), govern the handling of lead-containing materials during construction, demolition, and maintenance activities.

The project would not include sand blasting or heat guns to remove lead paint from existing buildings. Existing buildings that may contain lead paint would be demolished and not significantly impact air quality. Furthermore, paint testing and any resulting required lead abatement would be completed according to Federal and State regulations. Therefore, the risk of exposure to lead-based paint is considered **less than significant**.

Localized PM Concentrations

Fugitive dust emissions would primarily result from site preparation, grading, and vehicle movement on both unpaved and paved surfaces. If left uncontrolled, these emissions could contribute to nuisance impacts for nearby receptors. The project would be subject to SJVAPCD Regulation VIII – Fugitive PM_{10} Prohibitions, which would require the contractor to prepare and submit a dust control plan and implement dust control measures over the course of construction, such as site watering, Through the implementation of a dust control plan, the impact would be **less than significant**.

Additionally, on-site off-road equipment and trucks would generate short-term emissions of diesel particulate matter (DPM), potentially leading to elevated localized concentrations near sensitive receptors.

However, the project emissions would be small with each phase separated over different time periods. Additionally, DPM emissions would be temporary, lasting approximately three years, which is less than five percent of the standard 70-year exposure period used for health risk assessments. Therefore, short-term increases in DPM are not expected to exceed SJVAPCD significance thresholds.

Impact AQ-D.	***Would the project result in other emissions (such as those leading to odors) affecting a substantial number of people?***

According to the SJVAPCD GAMAQI (San Joaquin Valley Air Pollution Control District 2015), due to the subjective nature of odor impacts, the number of variables that can influence the potential for an odor impact, and the variety of odor sources, there are no quantitative or formulaic methodologies to determine the presence of a significant odor impact. Rather, SJVAPCD recommends that odor analyses strive to fully disclose all pertinent information. The intensity of an odor source's operations and its proximity to sensitive receptors influence the potential significance of odor emissions. SJVAPCD has identified some common types of facilities that have been known to produce odors in the San Joaquin Valley.

During construction, the project may produce odors associated with construction, such as vehicle exhaust odor, asphalt degassing, and paint fumes, although these odors are expected to be intermittent and would no longer be present once construction is complete.

The proposed Ag Barn is the only component of the project expected to emit objectional odors by operation. The new Ag Barn would be used for the same purpose as the existing Ag Barn to house farm animals for educational purposes and would house animals that would be a source of objectionable odors. The proposed Ag Barn would be about 500 ft north of the old Ag Barn, farther from all existing nearest receptors. Table 8 below displays the existing and proposed Ag Barns' distance from nearby receptors.

Table 8. Distance to Nearby Receptors of Existing and Proposed Ag Barn

Receptor	Approximate Distance to Existing Ag Barn	Approximate Distance to Proposed Ag Barn
Nearest residential home, located at 3230 Stathem St.	345 feet	960 feet
Varsity baseball field	410 feet	1,030 feet
Practice baseball field	415 feet	720 feet
Nearest football stadium bleachers	720 feet	1,150 feet
Nearest High School building	815 feet	1,360 feet
Row of Residential homes fronting Valley Oak Ln (across farm west of Hazel Avenue)	930 feet	930 feet

Since the proposed Ag Barn structure would replace the existing Ag Barn with a similar function and capacity and be located farther from all existing nearby receptors, no significant increase in objectionable odor would be anticipated. Odors from construction would be intermittent and only present during construction. Therefore, the project would not produce significant odors that would adversely affect a substantial number of people. This impact would be **less than significant**.

Greenhouse Gasses and Climate Change

Existing Setting

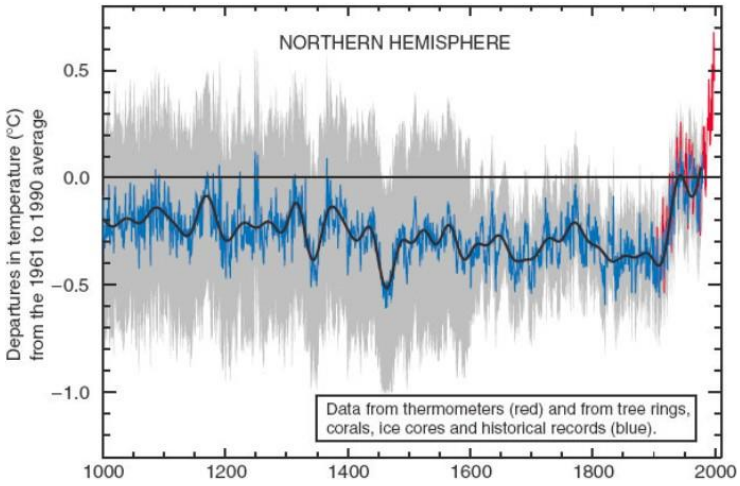
Climate change refers to changes to typical weather patterns of the Earth, which can be evaluated by observing alterations in temperature, precipitation, wind patterns, and storms. These changes are assessed by comparing current data to historical records, such as those from past ice ages. The concerns regarding climate change are based on statistical analyses that focus on temperature records from the Industrial Age, which have shown a significant difference in rate and magnitude compared to previous climate changes over the last 150 years.

The United Nations Intergovernmental Panel on Climate Change (IPCC) report, released in August 2021, determined that human activities, particularly the emission of greenhouse gases, are unequivocally responsible for the significant warming observed on the planet since the mid-1800s. The report states that the current rate of warming is unprecedented in at least the last 2,000 years and longer.

The report also highlights that the effects of climate change are already being felt around the world, including more frequent and intense heatwaves, wildfires, and extreme weather events. It warns that the impacts of climate change will continue to worsen, even if nations manage to limit global warming caused by greenhouse gas emissions to 1.5°C above preindustrial levels, the most ambitious goal of the Paris Agreement.

To limit the worst impacts of climate change, the report recommends urgent and ambitious action to reduce greenhouse gas emissions, including a rapid and deep reduction in the use of fossil fuels, the protection and restoration of forests and other natural ecosystems, and the adoption of sustainable land-use practices (IPCC 2021).

Figure 4. Historical Temperature Changes



Consequences of Climate Change in California

In California, climate change may result in consequences such as the following:

- **A reduction in the quality and supply of water from the Sierra snowpack.** In California, the Sierra Nevada snowpack is the primary natural water reservoir and plays a crucial role in meeting the state's water needs (California Department of Water Resources 2025). The snowpack is typically formed during the fall and winter months and gradually releases around 15 million acre-feet of water during the spring and summer when water is most needed. The state's dams and water storage systems were designed to manage the gradual melting of the snowpack, as it has happened in the past. However, rising temperatures are causing the snowpack to melt earlier and more rapidly. This premature and more substantial melting can pose a risk of flooding and water shortages as it could overwhelm the state's water storage facilities (California Office of Environmental Health and Hazard Assessment 2024).
- **Increased risk of large wildfires.** More than 80% of California's 100 million acres are covered by forests and rangelands, which are at risk of being impacted by climate change. Changes in temperature and precipitation patterns could impact the growth and survival of trees, leading to reduced productivity and altered habitats. Additionally, climate change could increase the risk of wildfires in these areas by making forests and vegetation drier due to rising temperatures. Compared to previous decades, the fire season in the western United States now starts earlier, lasts longer, and is more intense. By the end of the century, the occurrence of wildfires statewide could increase significantly, resulting in higher costs for fire suppression and emergency response, as well as damage to property (California Air Resources Board n.d.).
- **Damage to agriculture.** The effects of global warming, including drought, elevated temperatures, saltwater intrusion caused by rising sea levels, flooding, and increased pest risks, pose a significant threat to California's agricultural industry (Unites States Department of Agriculture n.d.). The industry generated $59 billion in revenue in 2022 and produces over half of all domestic fruits and vegetables (California Department of Food and Agriculture 2024). As California is responsible for feeding not only its own population but also the entire nation and beyond, any reductions in production could result in food shortages and higher prices.
- **Exacerbation of air quality problems.** Californians are already experiencing the worst air quality in the nation, and higher temperatures are only making it worse by causing more smog, which can harm lung function and exacerbate asthma, respiratory and heart diseases, and even death. Sensitive groups such as the elderly, infants, those with chronic heart or lung diseases, and those who work outdoors, are at a higher risk of these negative health impacts (California Office of Environmental Health Hazard Assessment 2024).
- **A rise in sea levels resulting in the population displacement and economic costs.** About 85% of California's population resides and works in the coastal counties. In the past century, sea levels along California's coasts have increased by almost 8 inches and are predicted to rise anywhere from 20 to 55 inches by the end of the century. If the sea level were to rise by 55 inches, almost half a million individuals could be in danger of flooding by 2100, and around $100 billion in property and infrastructure, including hazardous waste sites, roadways, buildings, power plants, and parks and tourist destinations, could be threatened (California Ocean Protection Council 2024). Coastal erosion could also significantly impact California's ocean-based economy, which is valued at approximately $51 billion per year (NOAA Office for Coastal Management 2024).
- **An increase temperature and extreme weather events.** Certain groups of people, such as the elderly, infants, people who cannot afford air conditioning, and those who work outdoors, are at a

higher risk of these negative health impacts caused by extreme heat. As temperatures continue to rise, the number of days with extreme heat events will also increase, putting people at a higher risk of dehydration, heatstroke, heart attacks, and respiratory problems. In 2022, a heat wave in California caused over 395 excess deaths (California Department of Public Health 2023). Heat waves of similar length and intensity to that event could become more frequent and potentially occur annually by the end of the century.

- **Habitat destruction and loss of ecosystems.** Climate change is anticipated to adversely affect California's ecosystems, compromising their capacity to provide essential services such as clean water, wildlife habitats, fisheries, timber, and other resources vital to the state's well-being. The California Attorney General's Office highlights that climate change poses significant threats to the state's biodiversity, including shifting rainfall patterns, increased heat, and rising sea levels, which will make certain places less habitable for plants and animals. Additionally, the California Natural Resources Agency notes that climate change is one of the biggest threats to the state's biodiversity, with shifting rainfall patterns, increased heat, and rising seas making certain places less habitable for plants and animals. These changes are expected to undermine the ability of California's diverse ecosystems to support vital goods and services, impacting the overall welfare of the populace (ResilientCA n.d.).

Greenhouse Gases

Greenhouse gases, or GHGs, are gases that retain heat in the atmosphere, similar to how a greenhouse retains warmth. These gases include water vapor, carbon dioxide, methane, NOx, chlorofluorocarbons, hydrofluorocarbons, perfluorocarbons, sulfur hexafluoride, ozone, and aerosols. GHGs are produced by both natural processes and human activities. The presence of GHGs in the atmosphere has an impact on the earth's temperature. Human activities such as electricity generation, transportation, deforestation, urbanization, and manufacturing have increased the concentration of these gases in the atmosphere beyond natural levels.

Climate change can be attributed to forcings and feedback. Radiative forcing refers to the difference between the amount of incoming and outgoing energy in the climate system. Positive forcing results in warming of the surface, whereas negative forcing leads to cooling. The measurement of radiative forcing is expressed in watts per square meter. Feedback, on the other hand, refer to climate processes that can either enhance or weaken a forcing. For instance, when ice or snow melts, it uncovers darker land that absorbs more radiation and amplifies warming. The global warming potential refers to the capacity of a gas or aerosol to retain heat in the atmosphere. This potential is measured by comparing the radiative forcing of a greenhouse gas with that of carbon dioxide, which serves as the reference gas.

To measure the impact of different greenhouse gases (GHGs) on global warming, scientists use two metrics: global warming potential and carbon dioxide equivalent. Global warming potential measures how much a given mass of a GHG contributes to global warming compared to carbon dioxide, which has a global warming potential of one. For example, methane has a global warming potential of 21, meaning that it has 21 times greater warming effect than carbon dioxide on a molecule-per-molecule basis. Carbon dioxide equivalent is a way of normalizing various GHG emissions to a consistent reference gas, carbon dioxide. It is calculated by multiplying the mass emissions of an individual GHG by its global warming potential. The GHGs defined by Assembly Bill (AB) 32 include carbon dioxide, methane, NOx, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride, and nitrogen trifluoride (NF_3) has also been added as a GHG of concern (Intergovernmental Panel on Climate Change 2007). Each GHG has varying global warming potential and atmospheric lifetimes are presented in Table 8 below.

Table 9. Description of Greenhouse Gasses

Greenhouse Gas	Description and Physical Properties	Sources
Nitrous oxide	Nitrous oxide (laughing gas) is a colorless GHG. It has a lifetime of 114 years. Its global warming potential is 310.	Microbial processes in soil and water, fuel combustion, and industrial processes.
Methane	Methane is a flammable gas and is the main component of natural gas. It has a lifetime of 12 years. Its global warming potential is 21.	Methane is extracted from geological deposits (natural gas fields). Other sources are landfills, fermentation of manure, and decay of organic matter.
Carbon dioxide	Carbon dioxide (CO_2) is an odorless, colorless, natural GHG. Carbon dioxide's global warming potential is 1. The concentration in 2005 was 379 ppm, which is an increase of about 1.4 ppm per year since 1960.	Natural sources include decomposition of dead organic matter; respiration of bacteria, plants, animals, and fungus; evaporation from oceans; and volcanic outgassing. Anthropogenic sources are from burning coal, oil, natural gas, and wood.
Chlorofluorocarbons	These are gases formed synthetically by replacing all hydrogen atoms in methane or ethane with chlorine and/or fluorine atoms. They are nontoxic, nonflammable, insoluble, and chemically unreactive in the troposphere (the level of air at the earth's surface). Global warming potentials range from 3,800 to 8,100.	Chlorofluorocarbons were synthesized in 1928 for use as refrigerants, aerosol propellants, and cleaning solvents. They destroy stratospheric ozone. The Montreal Protocol on Substances that Deplete the Ozone Layer prohibited their production in 1987.
Hydrofluorocarbons	Hydrofluorocarbons are a group of GHGs containing carbon, chlorine, and at least one hydrogen atom. Global warming potentials range from 140 to 11,700.	Hydrofluorocarbons are synthetic manmade chemicals used as a substitute for chlorofluorocarbons in applications such as automobile air conditioners and refrigerants.
Perfluorocarbons	Perfluorocarbons have stable molecular structures and only break down by ultraviolet rays about 60 kilometers above Earth's surface. Because of this, they have long lifetimes, between 10,000 and 50,000 years. Global warming potentials range from 6,500 to 9,200.	Two main sources of perfluorocarbons are primary aluminum production and semiconductor manufacturing.

Sulfur hexafluoride	Sulfur hexafluoride (SF_6) is an inorganic, odorless, colorless, and nontoxic, nonflammable gas. It has a lifetime of 3,200 years. It has a high global warming potential, 23,900.	This gas is manmade and used for insulation in electric power transmission equipment, in the magnesium industry, in semiconductor manufacturing, and as a tracer gas.
Nitrogen trifluoride	Nitrogen trifluoride (NF_3) was added to Health and Safety Code section 38505(g)(7) as a GHG of concern. It has a high global warming potential of 17,200	This gas is used in electronics manufacture for semiconductors and liquid crystal displays.
Black Carbon	Black Carbon was added to the CARB list of SLCP in 2017. It has a global warming potential of 4,470.	This particulate matter is emitted from burning of coal, diesel, and biomass (anthropogenic and natural).
(Intergovernmental Panel on Climate Change 2007) (Intergovernmental Panel on Climate Change 2007) (California Air Resources Board 2017)		

In 2014, Governor Jerry Brown signed Senate Bill 605, which requires the CARB to develop a comprehensive strategy to reduce emissions of methane and other short-lived climate pollutants. The law requires CARB to adopt regulations to reduce methane emissions from key sources, including oil and gas production, landfills, and dairies (California State Legislature, 2013-2014 Session 2014). In March 2017, the CARB approved a Short-Lived Climate Pollutants (SLCP) Reduction Strategy for reducing emissions of high global-warming potential gases with short atmospheric lifetimes. SLCPs regulated under this plan include methane, hydrofluorocarbons (HFC), and anthropogenic black carbon (California Air Resources Board 2017). Fluorinated gases and CH_4 are described in Table 8 and are already included in the California GHG inventory

Ozone is not released directly into the atmosphere but is created from the precursor emissions of volatile organic compounds (VOC), oxides of nitrogen (NOx) at a regional scale, and CH_4 at a hemispheric scale. These precursor emissions will also be addressed as part of the strategy. The SLCP includes addressing ozone, which is a short-lived climate pollutant that impacts evaporation, cloud formation, and precipitation.

Black Carbon is contained in fine particulate matter, which is created by the incomplete burning of fossil fuels, biofuels, and biomass. Local black carbon sources can include exhaust from diesel trucks, vehicles, equipment, and smoke from biogenic combustion. Biogenic combustion sources of black carbon include the burning of biofuels for transportation, biomass for electricity generation and heating, prescribed burning of agricultural residue, and natural and unnatural wildfires. Unlike other greenhouse gases that can persist in the atmosphere for years, black carbon is an aerosol, which means that it is comprised of particles or liquid droplets that can only remain in the atmosphere for days to weeks. Black carbon can be deposited on snow, reducing sunlight reflectivity, and accelerating snowmelt. It can have both direct and indirect effects on climate, such as absorbing incoming and outgoing radiation, affecting cloud reflectivity, precipitation, and surface dimming (cooling).

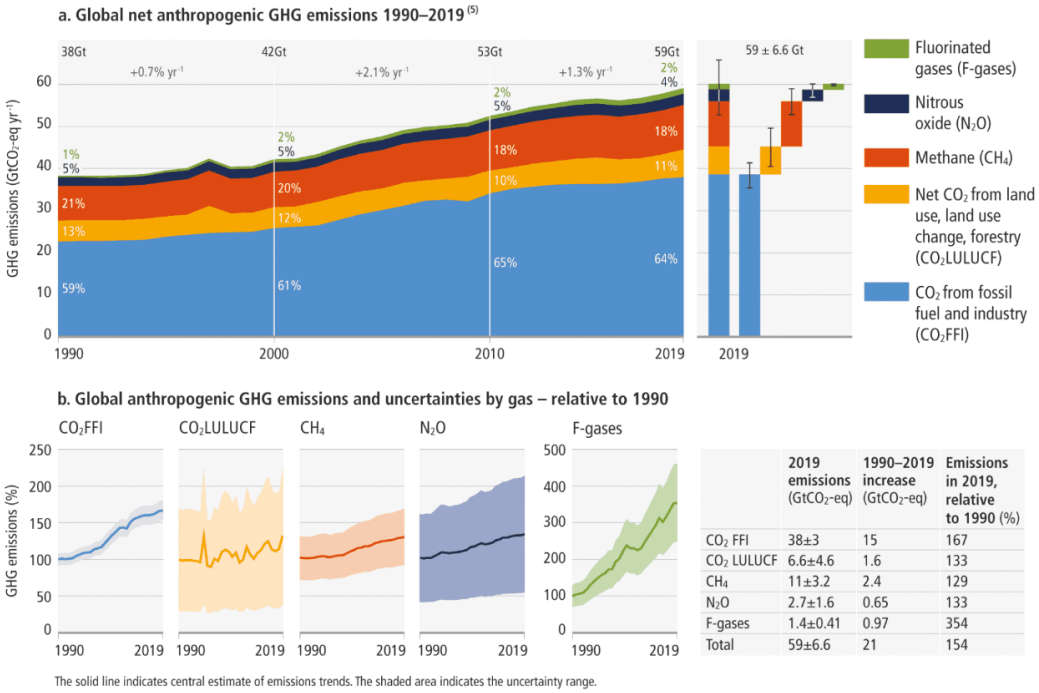
Water vapor is categorized as a GHG, and it is a significant factor in our climate system that is not subject to regulations. As the levels of water vapor increase, it causes a rise in temperatures, resulting in more water vapor being absorbed into the atmosphere. Warming and water absorption increase in a spiraling cycle. Additionally, the water vapor feedback mechanism can enhance the warming effect of other GHGs, meaning that as the concentration of CO_2 increases, more water vapor is retained in the atmosphere (Buis 2022).

While alterations in the climate and their outcomes may lead to health concerns, breathing in GHGs at their current atmospheric concentrations is unlikely to have negative health impacts except for ozone and particulate matter. The possible effects of these pollutants are explored in evaluations of criteria pollutants. However, high indoor levels of carbon dioxide, methane, sulfur hexafluoride, and certain chlorofluorocarbons can potentially cause suffocation by displacing oxygen, but this only occurs at levels much higher than those found outdoors (Center for Disease Control and Prevention 2019) (Center for Disease Control and Prevention 2010).

Emissions Inventories

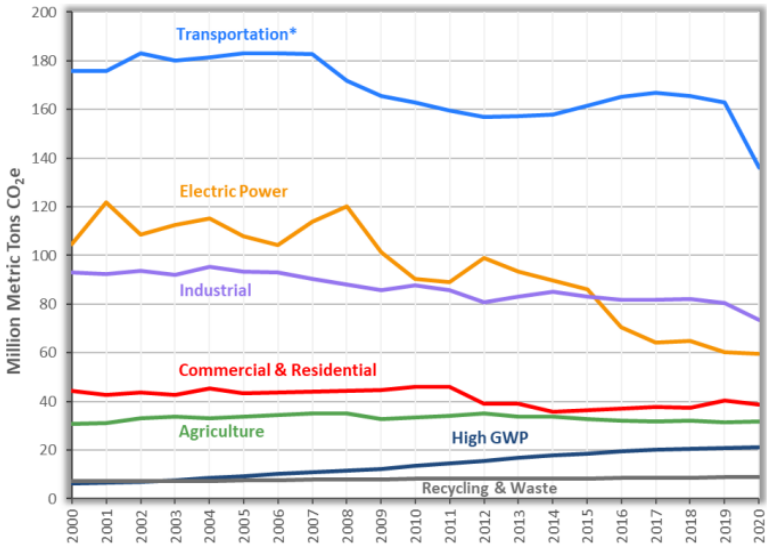
Emissions worldwide were approximately 59,000 million metric tons of carbon dioxide equivalents ($MMTCO_2e$) in 2019 (Intergovernmental Panel on Climate Change 2022). GHG emissions trends from 1990 to 2019 are shown in Figure 5, broken down by different greenhouse gasses and sources.

Figure 5. Greenhouse Gas Emissions Trends



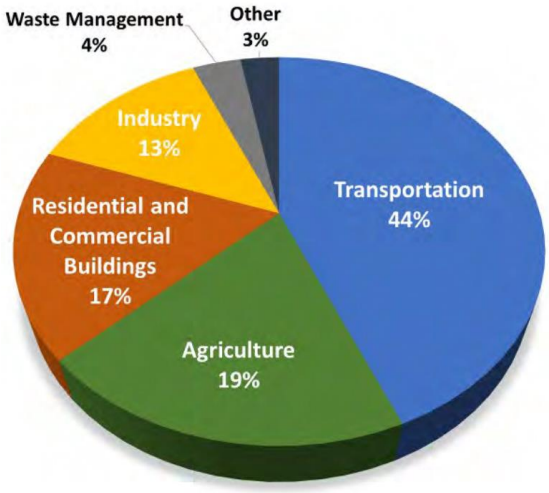
As shown in Figure 6 below, the main contribution of GHG emissions in California between years 2000 and 2020 was transportation. The second highest sector was industrial, which includes sources from refineries, general fuel use, oil and gas extraction, cement plants, and cogeneration heat output. A downward trend can be seen from these two highest sectors of GHG emissions (California Air Resources Board 2022).

Figure 6. Greenhouse Gas Emission Trends by Sector in California



In March 2024, the Fresno Council of Governments prepared its Priority Climate Action Plan (PCAP) for Fresno County. The PCAP estimated the County's total CO_2e emissions at 12,209106 $MMCO_2e$ in 2019. As shown in Figure 7 below, the sources of GHG emissions by sector in Fresno County break down to 44% from transportation, agriculture at 19%, residential and commercial building energy use at 17%, industrial at 13%, waste and wastewater at 4% and fugitive emissions at 3% (Fresno Council of Governments 2024).

Figure 7. 2019 Fresno County GHG Emissions Inventory



Regulatory Environment

U.S. Involvement in International Agreements

As climate change is a problem that affects the entire world and stems from greenhouse gas emissions from various sources from all countries, including those mentioned above. International agreements to reduce GHG emissions have been put forth since 1988, as explained below.

Intergovernmental Panel on Climate Change. The IPCC was established in 1988 by the United Nations Environmental Programme (UNEP) and the World Meteorological Organization (WMO). Its purpose is to evaluate the scientific, technical, and socio-economic data pertaining to the scientific foundation of the dangers of climate change caused by humans, its consequences, and the options for coping with and reducing it (IPCC 2025).

United Nations Framework Convention on Climate Change (Convention). The United States, along with several other nations, signed the Convention on March 21, 1994. This treaty requires countries to gather and exchange data concerning greenhouse gas emissions, national policies, and effective approaches. Additionally, countries must develop their own strategies for addressing GHG emissions and adjusting to the projected impacts of climate change, including providing financial and technological assistance to developing nations. The convention identified that cooperation between nations is necessary to prepare for the effects of climate change (United Nations n.d.).

Kyoto Protocol. The Kyoto Protocol is a global agreement associated with the United Nations Framework Convention on Climate Change. Its primary aspect involves implementing compulsory goals for 37 advanced nations and the European Union to lessen their GHG emissions by an average of five percent compared to 1990 levels throughout 2008 to 2012. Although the Convention (as mentioned earlier) prompted developed nations to stabilize their emissions, the Protocol requires them to do so. Since developed nations have contributed a larger amount of emissions over the past 150 years, the Protocol follows the principle of "common but differentiated responsibilities" and places a heavier obligation on developed nations (United Nations 2025).

In 2001, President George W. Bush announced that he would not present the treaty to the U.S. Senate for ratification, which marked the end of the United States' involvement in the Kyoto Protocol (Bush 2001). In December 2009, global leaders convened in Copenhagen to discuss the future of international commitments for combating climate change after the Kyoto Protocol. Although no obligatory agreement was established during the conference, the committee identified the long-term objective of capping the maximum average temperature increase at no more than 2°C above pre-industrial levels (European Environment Agency 2010).

Paris Agreement. The Paris Agreement is an international treaty aimed at combating climate change, adopted at the United Nations Climate Change Conference in Paris in December 2015. The agreement sets a long-term goal of keeping the increase in global average temperature to well below 2 degrees Celsius above pre-industrial levels, and to pursue efforts to limit the increase to 1.5 degrees Celsius.

The Paris Agreement is significant because it marks the first time that all countries, including both developed and developing nations, have agreed to take collective action to address climate change. The agreement calls on countries to set their own nationally determined contributions (NDCs) for reducing greenhouse gas emissions and to regularly report on their progress.

In addition to setting emission reduction targets, the Paris Agreement also includes provisions for financial assistance to developing countries to support their efforts to address climate change, as well as measures for adapting to the impacts of climate change. The agreement encourages countries to work together on technology development and transfer, capacity-building, and other cooperative measures to promote sustainable development and reduce emissions. The Paris Agreement entered into force on November 4, 2016, and as of March 2023, 197 countries have signed and ratified the agreement (United Nations n.d.).

The United States played a significant role in the negotiation of the Paris Agreement and was a key player in shaping the final text. Under the Obama administration, the US made a commitment to reduce greenhouse gas emissions by 26-28% below 2005 levels by 2025 (The White House 2015). However, the US involvement in the Paris Agreement has been inconsistent from 2016 to 2025 with the election of President Trump in 2016, President Biden in 2020, and reelection of President Trump in 2024.

President Trump initiated the process to withdraw the United States from the Paris Agreement by signing an executive order on June 1, 2017 (U.S. Department of State 2019). This order directed the U.S. to begin the formal withdrawal process, which took effect on November 4, 2020. However, President Joe Biden signed an executive order to rejoin the Agreement in January 2021. By March 2023, the US was once again a signatory to the Paris Agreement, and the Biden administration has announced the United States' commitment to achieving net-zero emissions by 2050 (The White House 2021). To reverse course again, President Trump has taken steps to remove the United States from the Paris Agreement. On January 20, 2025, Trump signed Executive Order 14162, titled "Putting America First In International Environmental Agreements," directing the immediate withdrawal of the U.S. from the Paris Agreement and other international climate commitments. This executive order mandates the U.S. Ambassador to the United Nations to notify the Secretary-General of the United Nations of the withdrawal, effectively ceasing U.S. participation in the agreement (The White House 2025).

Federal

Energy Policy Act of 2005. The Energy Policy Act of 2005, enacted on August 8, 2005, introduced a range of provisions to promote renewable energy and energy efficiency. The legislation extended and expanded tax credits for electricity production from qualified sources, including landfill gas. It also provided financial support through bond financing, tax incentives, grants, and loan guarantees to encourage clean renewable energy development and rural electrification. Additionally, the act established a federal mandate requiring a portion of energy purchases to come from renewable sources (Environmental Protection Agency 2024).

Greenhouse Gas Endangerment. The case of Massachusetts v. EPA (Supreme Court Case 05-1120) was heard by the US Supreme Court on November 29, 2006. The case involved a petition to regulate four greenhouse gases, including carbon dioxide, under Section 202(a)(1) of the Clean Air Act. On April 2, 2007, the Supreme Court ruled that greenhouse gases are air pollutants covered by the Clean Air Act. The Court determined that the Administrator of the EPA must determine whether the emissions of greenhouse gases from new motor vehicles are likely to contribute to air pollution that endangers public health or welfare, or if the science is too uncertain to decide. On December 7, 2009, the EPA Administrator signed two separate findings related to greenhouse gases under Section 202(a) of the Clean Air Act.

- Endangerment Finding: The Administrator finds that the current and projected concentrations of the six key well-mixed greenhouse gases—carbon dioxide, methane, nitrous oxide, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride—in the atmosphere threaten the public health and welfare of current and future generations.
- Cause or Contribute Finding: The Administrator finds that the combined emissions of these well-mixed greenhouse gases from new motor vehicles and new motor vehicle engines contribute to the greenhouse gas pollution, which threatens public health and welfare.

These findings do not mandate that industry, or other entities take any specific actions. However, they were necessary to establish GHG emissions standards for vehicles, as explained in the "Clean Vehicles" section below.

In 2010, the EPA denied 10 petitions for Reconsideration of the Endangerment and Cause or Contribute Findings. Among the petitioners were the Ohio Coal Association, Peabody Energy Company, and the State of Texas.

An evaluation conducted by the EPA Office of Inspector General in September 2011 examined the EPA's compliance with established policies and procedures in developing the endangerment finding, including the processes for ensuring information quality. The evaluation concluded that the technical support document should have undergone more rigorous EPA peer review.

In June 2012, a federal appeals court dismissed a lawsuit filed by 13 states against the EPA. The lawsuit alleged that the EPA violated the law by relying entirely on data from the United Nations Intergovernmental Panel on Climate Change instead of conducting its own research or testing data in accordance with federal standards. The states involved in the lawsuit were Virginia, Texas, Alabama, Florida, Hawaii, Indiana, Kentucky, Louisiana, Mississippi, Nebraska, North Dakota, Oklahoma, South Carolina, South Dakota, and Utah (Environmental Protection Agency 2022).

Clean Vehicles. In October 2012, the EPA and the National Highway Traffic Safety Administration (NHTSA), representing the Department of Transportation, finalized regulations aimed at further reducing GHG emissions and enhancing Corporate Average Fuel Economy (CAFE) standards for light-duty vehicles from model year 2017 onward. NHTSA has enforced CAFE standards under the Energy Policy and Conservation Act since 1978. This federal initiative mandates that automobile manufacturers produce a unified national light-duty fleet that complies with both federal regulations and the emissions standards

established by California and other states. Under this program, fuel efficiency was set to increase to an equivalent of 54.5 miles per gallon (mpg), capping fleet-wide vehicle emissions at 163 grams of CO_2 per mile by model year 2025 (Environmental Protection Agency 2024).

In January 2017, EPA Administrator Gina McCarthy issued a Final Determination upholding the existing GHG emissions standards for model years 2022–2025. However, on March 15, 2017, EPA Administrator Scott Pruitt and Department of Transportation Secretary Elaine Chao announced EPA's intent to reconsider this determination. Subsequently, on April 2, 2018, Administrator Pruitt officially rescinded the January 2017 Final Determination, citing new data indicating that the existing standards may be overly stringent due to shifts in key assumptions, including fuel price projections and consumer adoption rates of advanced technology vehicles. The April 2nd decision did not constitute EPA's final agency action; rather, the agency announced plans to initiate rulemaking to establish revised standards. Until new regulations are formally adopted, the existing standards remain in effect (Environmental Protection Agency 2025).

In March 2022, The U.S. Department of Transportation's NHTSA and the EPA finalized the SAFE Vehicles Rule, which adjusted the CAFE and CO_2 emissions standards for passenger cars and light trucks for model years 2021–2026. This rule increased stringency by 1.5% annually, compared to the 5% annual increases mandated by the 2012 standards (NHTSA 2020).

In July 2024 NHTSA established new CAFE standards for passenger cars and light trucks, increasing requirements by 2% per year for passenger cars in model years 2027–2031, maintaining current levels for light trucks in model years 2027–2028, and then increasing by 2% per year for light trucks in model years 2029–2031. Additionally, fuel efficiency standards for heavy-duty pickup trucks and vans were set to increase by 10% annually for model years 2030–2032 and by 8% annually for model years 2033–2035 (U.S. Department of Transportation 2024).

In January 2025, U.S. Transportation Secretary Sean Duffy signed an order to reverse vehicle fuel economy standards set during President Joe Biden's administration. The previous standards aimed to increase fuel efficiency to approximately 50.4 miles per gallon by 2031. The new directive instructed NHTSA to reassess these standards for model years 2022 through 2031 and to consider new regulations for heavy-duty vehicles through 2035 (Reuters 2025).

Clean Power Plan

The US Clean Power Plan was a regulation put forward by the Obama administration in 2015 to reduce carbon emissions from power plants in the United States. The plan aimed to reduce carbon emissions from power plants by 32% below 2005 levels by 2030.

The idea for the Clean Power Plan was first proposed in 2013 as part of President Obama's Climate Action Plan. The EPA proposed the plan in June 2014, and after a public comment period, it was finalized in August 2015.

However, the Clean Power Plan was met with legal challenges from states and industry groups, who argued that the EPA did not have the authority to regulate carbon emissions from power plants under the

Clean Air Act. The SCOTUS issued a stay on the Clean Power Plan in February 2016, and the Trump administration later moved to repeal the plan in 2017.

In June 2019, the Trump administration replaced the Clean Power Plan with the Affordable Clean Energy (ACE) rule, which focused on individual power plants rather than setting a national standard for emissions reductions. However, in January 2021, the Biden administration signed an executive order directing the EPA to revisit the Clean Power Plan and consider implementing stricter emissions standards (Environmental Protection Agency 2023d).

On June 30, 2022, the U.S. Supreme Court (SCOTUS) published their decision for the case of West Virginia v. EPA. The case revolved around the question of—does the Environmental Protection Agency have the authority to regulate greenhouse gas emissions in any industry, so long as it considers cost, non-air impacts, and energy requirements? The SCOTUS decided that in Section 111(d) of the FCAA, Congress did not give the EPA the power to create emissions limits using the generation shifting approach used in the Clean Power Plan. The "major questions doctrine" states that in certain cases, if the agency's authority is broad and significant, there must be clear congressional authorization for the authority it claims. The EPA admits that issues of electricity transmission, distribution, and storage are not within its traditional expertise, and therefore lacks the authority to implement the Clean Power Plan under the FCAA without explicit congressional authorization (West Virginia v. Environmental Protection Agency 2023). However, the EPA continued finalizing rules to limit GHG emissions from power plants that abide by the court's ruling.

In May 2024, the EPA finalized greenhouse gas emission limits for fossil fuel-fired power plants. The rule sets CO_2 limits for new gas-fired combustion turbines and establishes CO_2 emission guidelines for existing coal, oil, and gas-fired steam generating units. The standards are designed to secure important climate benefits and protect public health by reducing greenhouse gas emissions from the power sector (Environmental Protection Agency 2025).

California

Legislative Actions to Reduce GHGs

The California legislature has passed multiple bills that make up the most assertive plan to decrease GHG emissions of any state in the country. This section provides an overview of the development GHG emission laws and resulting regulations in California.

AB 32 and 2008 Scoping Plan. In 2006, AB 32, also known as the California Global Warming Solutions Act, was passed by the California State Legislature. Its aim is to reduce the amount of GHGs emitted in California to levels that were observed in 1990 by 2020. The definition of "greenhouse gases" under AB 32 includes carbon dioxide, methane, NOx, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride, with the addition of NF_3 being included since AB 32 was enacted. The responsibility of monitoring and regulating sources of GHGs falls under the authority of the California Air Resources Board (CARB). AB 32 lays out the following provisions:

> "Global warming poses a serious threat to the economic well-being, public health, natural resources, and the environment of California. The potential adverse impacts of global warming include the exacerbation of air quality problems, a reduction in the quality and supply of water to the state from the Sierra snowpack, a rise in sea levels resulting in the displacement of thousands of coastal businesses and residences, damage to marine ecosystems and the natural environment, and an increase in the incidences of infectious diseases, asthma, and other human health- related problems."

AB 32 resulted in CARB issuing the Scoping Plan in 2008 which includes a wide range of strategies, regulations, and initiatives across various sectors, such as transportation, energy, and agriculture, that aim to reduce GHG emissions. Some of the key strategies identified in the Scoping Plan include implementing a cap-and-trade program, promoting renewable energy, and increasing the fuel efficiency of vehicles. The Scoping Plan also outlines methods for monitoring, reporting, and verifying GHG emissions and reductions. The goal of the Scoping Plan is to provide a framework for California to address climate change by reducing GHG emissions while promoting sustainable economic growth (California Air Resources Board 2023). The 2008 Scoping Plan has been updated by CARB after the passing of SB 32.

SB 97 and the CEQA Guidelines Update. In August 2007, SB 97 was passed and added Section 21083.05 and Section 21097 to the Public Resources Code. According to Section 21083.05, the Office of Planning and Research was required to prepare guidelines for the mitigation of GHG emissions or their effects associated with transportation or energy consumption, and to transmit them to the Resources Agency by July 1, 2009. The Resources Agency was then required to certify and adopt these guidelines by January 1, 2010 (California State Legislature 2007-2008 Session 2007).

The Office of Planning and Research recommended amendments to the CEQA Guidelines for addressing GHG emissions on April 13, 2009, and submitted them to the Secretary for Natural Resources. On July 3, 2009, the Natural Resources Agency began the process of certifying and adopting these amendments under Public Resources Code section 21083.05, following a public comment period of 55 days and two public hearings. Afterward, the agency proposed changes to the text of the guideline's amendments (California Association of Environmental Professionals 2010).

On December 31, 2009, the Natural Resources Agency sent the complete rulemaking file, along with the adopted amendments, to the Office of Administrative Law. The Amendments were approved by the Office of Administrative Law on February 16, 2010, filed with the Secretary of State for the California Code of Regulations. As a result, the Amendments became effective on March 18, 2010.

The CEQA Amendments provide direction to public agencies on how to analyze and reduce the effects of GHG emissions in CEQA documents. These Amendments are integrated into the existing CEQA framework by modifying existing guidelines to incorporate the concept of climate change.

One of the changes made was the addition of a new section, CEQA Guidelines Section 15064.4, which helps agencies determine the importance of GHG emissions. This section gives agencies the flexibility to

decide whether a quantitative or qualitative analysis is more appropriate for a specific project. However, there is limited guidance on the next crucial step in the evaluation process: determining whether the estimated GHG emissions of the project are significant or cumulatively significant (California Association of Environmental Professionals 2010).

The Amendments also affected CEQA Guidelines Sections 15126.4 and 15130, which deal with mitigation measures and cumulative impacts, respectively. While GHG mitigation measures are mentioned in general terms, specific measures are not recommended. The revision to Section 15130, which pertains to cumulative impacts, instructs agencies to analyze GHG emissions in an Environmental Impact Report (EIR) when a project's added emissions could be cumulatively considerable. However, it does not specify when emissions are considered cumulatively considerable (California State Legislature 2007-2008 Session 2007).

Section 15183.5 permits programmatic GHG analysis and subsequent project-specific tiering, and the development of Greenhouse Gas Reduction Plans. Adhering to such plans can assist in determining that a project's cumulative impact is not cumulatively considerable, according to proposed Section 15183.5(b). Furthermore, the Amendments revised Appendix F of the CEQA Guidelines, which focuses on Energy Conservation. The sample environmental checklist in Appendix G was also amended to include GHG-related questions (California State Legislature 2007-2008 Session 2007).

Advanced Clean Cars Program. In January 2012, the CARB approved the Advanced Clean Cars program, which integrates regulations for GHG emissions, criteria air pollutants, and the expansion of zero-emission vehicles (ZEVs) into a unified set of standards for vehicle model years 2017–2025. The program strengthens GHG emission standards for vehicles starting with the 2017 model year by utilizing existing technologies, incorporating lighter and more durable materials, and improving drivetrain and engine efficiency.

Under the program's ZEV regulation, battery electric, fuel cell, and plug-in hybrid electric vehicles must comprise up to 15% of new vehicle sales in California by 2025. Additionally, the program includes a clean fuels outlet regulation aimed at facilitating the commercialization of hydrogen fuel cell vehicles. This regulation mandates the expansion of hydrogen fueling stations throughout the state, with the number of stations increasing in response to fuel cell vehicle sales. By 2025, once fully implemented, the program is expected to reduce global warming emissions from new cars and light trucks by 34% and smog-forming emissions by 75% compared to 2016 levels (California Air Resources Board 2019).

In 2022, the CARB adopted the Advanced Clean Cars II regulations, establishing stringent emission standards for light-duty vehicles for model years 2026 through 2035. These regulations mandate that by 2035, all new passenger cars, trucks, and SUVs sold in California must be zero-emission vehicles (California Air Resources Board n.d.).

SB 32 and 2017 Scoping Plan. SB 32, signed into law in 2016, extends the targets set by AB 32 by requiring the state to reduce greenhouse gas emissions to 40% below 1990 levels by the year 2030. SB 32 also directs CARB to develop strategies and policies to achieve this goal, including an update to the

state's Climate Change Scoping Plan (California State Legislature, 2015-2016 Session 2016). The 2017 updated Scoping Plan builds on the previous Scoping Plan developed under AB 32 and includes new and expanded measures across various sectors, such as transportation, energy, and industry. Some of the key strategies identified in the updated plan include transitioning to renewable energy, increasing energy efficiency, promoting zero-emission vehicles, and reducing short-lived climate pollutants. The updated Scoping Plan also emphasizes the importance of addressing environmental justice and ensuring that all Californians benefit from the state's efforts to combat climate change (California Air Resources Board 2023).

2018 CEQA Guideline Updates. The California National Resources Agency finalized its amendments and additions to the State CEQA guidelines, which were approved by the Office of Administrative Law in 2018 One significant change was the addition of CEQA Guidelines Section 15064.4.1, which established new thresholds of significance for evaluating GHG emissions impacts. This section provides new screening criteria for determining whether a project's GHG emissions are considered significant, based on its location, type, and size (California Natural Resources Agency 2018).

This section provides screening criteria that agencies can use to determine if a project's GHG emissions are considered significant under CEQA. The section sets forth a two-part process for evaluating the significance of GHG emissions. The first step involves a qualitative analysis to determine if the project has the potential to cause a substantial increase in GHG emissions or if it could contribute to a cumulative impact on the environment. The second step is a quantitative analysis to evaluate the level of GHG emissions associated with the project.

The section outlines specific thresholds of significance for evaluating GHG emissions impacts. The significance thresholds are based on a project's location, type, and size. The thresholds are intended to provide a consistent and transparent approach for determining whether a project's GHG emissions are significant. CEQA Guidelines Section 15064.4.1 provides guidance for agencies to use in evaluating the significance of GHG emissions from a project, and it helps to ensure that these evaluations are consistent and transparent (California Code of Regulations, Title 14, § 15064.4 n.d.).

Additionally, CEQA Guidelines Section 15125 and Appendix F were updated to reflect current scientific understanding and state policy goals related to climate change. The amendments require lead agencies to evaluate the potential impact of climate change on a proposed project and disclose any significant impacts in the EIR.

Finally, CEQA Guidelines Section 15126.4 was revised to include additional guidance on the implementation of mitigation measures to reduce GHG emissions from a project, including the use of offset programs, and the development of a Greenhouse Gas Reduction Plan (GGRP) (California Natural Resouces Agency 2018).

AB 1279 and 2022 Scoping Plan. This bill, the California Climate Crisis Act passed in September 2022 proposes a policy for the State to achieve net zero GHG as soon as possible, but no later than 2045, and to maintain net negative greenhouse gas emissions thereafter. The bill also aims to reduce statewide

anthropogenic GHG emissions to at least 85% below the 1990 levels by 2045. To achieve these policy goals, the state board will collaborate with relevant state agencies to update the scoping plan, which should recommend measures to achieve the policy goals and implement policies and strategies that enable carbon dioxide removal solutions and carbon capture, utilization, and storage technologies in California (California State Legislater 2021-2022 Session 2022).

The resulting 2022 Scoping Plan outlines a strategy on how to achieve carbon neutrality through targets for carbon neutrality and reduce human-caused greenhouse gas (GHG) emissions by 85% below 1990 levels before 2045. The plan proposes various actions to achieve these goals, such as deploying clean technologies and fuels to significantly reduce fossil fuel combustion, reducing short-lived climate pollutants even further, promoting sustainable development, implementing measures to decrease emissions and store carbon in natural and working lands, and capturing and storing carbon. The outcomes of these actions will lead to significant reductions in GHG emissions, as well as progress towards achieving carbon neutrality (California Air Resources Board 2023).

SB 375. Senate Bill (SB) 375 was passed by the Senate on August 30, 2008, and signed into law by the Governor on September 30, 2008. According to the bill, the transportation sector is the largest contributor of GHG emissions in California, accounting for more than 40% of the total GHG emissions. SB 375 acknowledges that achieving the goals of AB 32 will not be possible without improving land use and transportation policies. To address this issue, SB 375 mandates the following actions: (1) requiring metropolitan planning organizations to incorporate sustainable community strategies in their regional transportation plans to reduce GHG emissions, (2) aligning planning for transportation and housing, and (3) providing incentives for implementing these strategies (California State Legislature 2007-2008 Session 2008).

California Senate Bill 375 includes provisions regarding the CEQA. Public Resources Code Section 21159.28 of SB 375 specifies that certain projects do not need to provide CEQA findings or determinations related to two types of impacts: (1) growth-inducing impacts and (2) project-specific or cumulative impacts from cars and light-duty truck trips on global warming or the regional transportation network. However, this exemption only applies to projects that meet specific criteria. These criteria include being located in an area with an approved sustainable communities strategy (SCS) or alternative planning strategy that the CARB accepts as achieving the greenhouse gas emission reduction targets, being consistent with that strategy in terms of designation, density, building intensity, and applicable policies, and incorporating mitigation measures required by a prior environmental document (State of California's Office of Planning and Research 2011).

SB 743. California SB 743 is a state law that was signed by Governor Jerry Brown on September 27, 2013. The law aims to streamline the environmental review process for certain types of development projects in California. Specifically, SB 743 requires the Governor's Office of Planning and Research to develop new guidelines for analyzing the transportation impacts of development projects. Under the new guidelines, transportation impacts must be evaluated based on the vehicle miles traveled (VMT) generated by the project, rather than the level of service (LOS) of the project's intersections. The VMT metric is intended to encourage more sustainable transportation options, such as walking, biking, and

public transit, and to reduce the overall environmental impact of development projects (Metropolitan Transportation Commission n.d.).

SB 743 also includes provisions that exempt certain types of infill development projects from the CEQA, which is a state law that requires environmental review of certain types of projects. These exemptions are intended to encourage more compact, walkable development in existing urban areas, rather than sprawling development on undeveloped land. Overall, SB 743 represents a significant shift in the way that transportation impacts are evaluated for development projects in California (California State Legislature 2013-2014 Session 2013).

AB 1493. Also known as the Pavley Bill, AB 1493 is a California state law introduced by former Assemblymember Fran Pavley in 2002. The bill required the CARB to establish regulations to limit greenhouse gas emissions from new passenger vehicles sold in California. The regulations were to be implemented in phases, with the goal of achieving a 30% reduction in emissions from new passenger vehicles by 2016. The passage of AB 1493 was significant because it made California the first state in the United States to regulate greenhouse gas emissions from vehicles. It also paved the way for other states to follow suit, as several other states adopted California's emissions standards in the following years.

However, AB 1493 faced legal challenges from the automobile industry, which argued that the state law was preempted by federal regulations. The case eventually made its way to the United States Supreme Court, which ruled in 2007 that the federal government did not have the authority to block California from implementing its own vehicle emissions standards. In response to the legal challenges and the Supreme Court ruling, the federal government and California reached an agreement in 2009 to establish a single national standard for vehicle emissions. The agreement, which was supported by the automobile industry, set new emissions standards for vehicles sold in the United States through the year 2016, and set the stage for future agreements on vehicle emissions (California Air Resources Board 2023).

SB 1368. In 2006, the State Legislature adopted SB 1368, which was signed into law by the Governor. SB 1368 directs the California Public Utilities Commission to adopt a performance standard for GHG emissions for the future power purchases of California utilities. SB 1368 seeks to limit carbon emissions associated with electrical energy consumed in California by forbidding procurement arrangements for energy longer than 5 years from resources that exceed the emissions of a clean, combined cycle natural gas power plant. Because of the carbon content of its fuel source, a coal-fired plant cannot meet this standard because such plants emit twice as much carbon as natural gas, combined cycle plants. Accordingly, the new law will effectively prevent California’s utilities from investing in, otherwise financially supporting, or purchasing power from new coal plants located in or out of the State. Thus, SB 1368 will lead to dramatically lower GHG emissions associated with California’s energy demand, as SB 1368 will effectively prohibit California utilities from purchasing power from out-of-state producers that cannot satisfy the performance standard for GHG emissions required by SB 1368. The California Public Utilities Commission adopted the regulations required by SB 1368 on August 29, 2007 (California Energy Comission 2023).

SB 350. Also known as the Clean Energy and Pollution Reduction Act of 2015, SB 350 is a state law that sets ambitious targets for California's clean energy transition. The law aims to increase energy efficiency, reduce petroleum use in transportation, and increase the use of renewable energy. Specifically, the law requires California to: 1) Increase the amount of energy obtained from renewable sources, such as wind and solar, to 50% by 2030, 2) double the energy efficiency of buildings in the state by 2030, 3) reduce the use of petroleum in cars and trucks by 50% by 2030. California SB 350 is a crucial part of California's efforts to combat climate change, reduce greenhouse gas emissions, and transition to a cleaner, more sustainable energy system. The law has been praised for its bold targets and its potential to drive innovation in the clean energy industry (California Energy Comission 2023).

SB 100. California SB 100 is a state law that was signed by Governor Jerry Brown on September 10, 2018. The law sets one of the most ambitious clean energy targets in the world, requiring California to obtain 100% of its electricity from zero-carbon sources by 2045. Specifically, SB 100 sets the following targets for California: 1) 50% of electricity must be obtained from renewable energy sources, such as wind and solar, by 2025, 2) 60% of electricity must be obtained from renewable energy sources by 2030, 3) 100% of electricity must be obtained from zero-carbon sources, which includes renewable energy, energy storage, and other zero-carbon technologies, by 2045.

SB 100 represents a significant milestone in California's efforts to combat climate change and transition to a cleaner, more sustainable energy system. The law has been praised for its bold targets and its potential to accelerate the deployment of renewable energy and other clean energy technologies in California and beyond (California State Legislature 2017-2018 Session 2018).

SB 398. California AB 398 is a state bill that was signed into law in 2017, and it extends California's cap-and-trade program, which aims to reduce GHG emissions in the state. The bill establishes GHG reduction targets of 40% below 1990 levels by 2030 and extends the cap-and-trade program through 2030. The cap-and-trade program limits the amount of GHG emissions businesses can produce. Businesses can purchase and trade allowances to emit a certain amount of GHGs. The total number of allowances decreases over time, which puts pressure on businesses to reduce their emissions.

AB 398 also includes provisions to assist low-income communities affected by air pollution and to support the development of renewable energy and energy efficiency projects in those communities. The bill also establishes a framework for investing cap-and-trade revenues in a variety of programs, including public transportation, affordable housing, and programs to reduce GHG emissions in the agricultural sector. The extension of the cap-and-trade program under AB 398 has been seen as a significant step forward in California's efforts to address climate change and reduce GHG emissions, as it provides a stable and predictable policy framework for businesses and the state to work together to achieve emissions reductions targets (California State Legislature 2017-2018 Session 2017).

SB 605. Also known as the Short-Lived Climate Pollutants bill, SB 605 was introduced by Senator Ricardo Lara in 2017. The bill aimed to reduce emissions of short-lived climate pollutants (SLCPs) such as methane, black carbon, and fluorinated gases, which have a significant impact on climate change.

SB 605 requires the CARB to develop a comprehensive strategy to reduce SLCP emissions in California, including setting targets for reducing SLCP emissions, identifying regulatory and voluntary measures to achieve those targets, and establishing reporting requirements for SLCP emissions. The bill also requires CARB to consider the social and economic impacts of its regulations on vulnerable communities, and to prioritize measures that reduce SLCP emissions while also promoting economic development, job creation, and public health. (California State Legislature, 2013-2014 Session 2014)

SB 1383. California SB 1383 is a state bill that was signed into law in 2016, and it aims to reduce emissions of SLCPs such as methane, black carbon, and fluorinated gases in California. The bill sets targets for reducing organic waste disposal in the state by 50% by 2020 and 75% by 2025, compared to 2014 levels. This would require significant efforts to reduce the amount of organic waste sent to landfills and to increase composting, anaerobic digestion, and other organic waste management practices.

SB 1383 also requires the CARB to establish methane emissions reduction targets for various sectors, including agriculture, landfill, and dairy operations. It also establishes requirements for reducing methane emissions from the oil and gas sector and from other sources of SLCPs, such as refrigerants and high-GWP gases. The implementation of SB 1383 involves collaboration between the state, local governments, and the private sector to achieve the emissions reduction targets. The bill also includes provisions to support the development of local organic waste processing facilities and to provide incentives for the use of compost and other organic soil amendments in agriculture. SB 1383 is considered a significant step forward in California's efforts to address climate change and air pollution, particularly in reducing emissions of SLCPs, which have a significant impact on the state's overall carbon footprint (California State Legislature 2015-2016 Session 2016).

AB 1346, known as the SOREs act (small off-road engines), was signed on July 1, 2022, and bans the sale of gasoline powered small engines in California by 2024. These SOREs are primarily used for lawn and garden equipment. The bill states that SOREs emit high levels of NOx, ROG, and PM pollution and therefore contribute a large negative impact on public health (California State Legislature 2021-2022 Session 2021).

SB 1203, signed into law by Governor Gavin Newsom on September 27, 2022, mandates that all state agencies in California achieve net-zero greenhouse gas (GHG) emissions by January 1, 2035, or as soon as feasible thereafter. Under the bill's provisions, the Department of General Services (DGS), in collaboration with the CARB, must publish an annual GHG inventory of state agencies, starting by July 1, 2024, with subsequent reports published annually. This inventory will help track the progress of state agencies in reducing their GHG emissions over time.

Additionally, DGS is tasked with developing an action plan by January 1, 2026, which outlines the necessary steps, investments, and cost estimates for achieving net-zero emissions by 2035. This plan will be updated every two years beginning in 2028, ensuring the process stays on track and adapts to any new technological or policy developments. The efforts to reduce GHG emissions must be integrated into the sustainability roadmaps of all state agencies. This ensures that each department’s operations are aligned with the goal of reducing emissions, facilitating a coordinated approach across the state

government. To ensure accountability, DGS will also report to the California Legislature on the progress toward achieving the net-zero goal, starting on December 31, 2027, and continuing every two years thereafter (California State Legislature 2022).

AB 2446, signed into law by Governor Gavin Newsom on September 16, 2022, addresses the environmental impact of construction materials by targeting embodied carbon emissions in California (California State Legislature 2021-2022 Session 2022). Embodied carbon refers to the greenhouse gas emissions associated with the entire lifecycle of construction materials, including extraction, manufacturing, transportation, installation, maintenance, and disposal. These emissions constitute a significant portion of a building's total carbon footprint, making their reduction crucial for achieving statewide climate goals.

AB 2446 mandates that the CARB develop a comprehensive framework to measure and reduce the carbon intensity of construction materials. The legislation sets ambitious targets, aiming for a 40% net reduction in embodied carbon emissions by 2035, with an interim goal of a 20% reduction by 2030. To support these objectives, CARB is required to establish a system that encourages the use of low-carbon construction materials, potentially leveraging state and federal financial incentives to stimulate market demand.
The bill also stipulates those new non-residential buildings exceeding 10,000 square feet and residential projects comprising at least five units must submit life cycle assessments and product-specific Environmental Product Declarations (EPDs) for the building materials used. This requirement aims to enhance transparency and accountability in the construction industry regarding the environmental impact of materials (Das 2023).

Executive Orders Related to GHG Emissions

California's Executive Branch has taken several actions to reduce GHGs through Executive Orders. Although not regulatory, they set the tone for the state and guide the actions of state agencies.

Executive Order S-3-05. Former California Governor Arnold Schwarzenegger signed Executive Order S-3-05 on June 1, 2005, setting the following reduction targets for GHG emissions:

- By 2010, reduce greenhouse gas emissions to 2000 levels.
- By 2020, reduce greenhouse gas emissions to 1990 levels.
- By 2050, reduce greenhouse gas emissions to 80 percent below 1990 levels.

According to some scientists, the 2050 reduction target is crucial to achieve a stable climate, and the 2020 target serves as an intermediate goal. However, as the goals were set through an executive order, they are not legally binding on the private sector or local governments. However, since this executive order, AB 1279 has set stricter GHG emission reduction targets into law as discussed prior in this section (Schwarzenegger, Execuive Order S-3-05 2005).

Executive Order S-01-07 - Low Carbon Fuel Standard. On January 18, 2007, Executive Order S-01-07 was signed by the Governor to establish a statewide goal to reduce the carbon intensity of California's transportation fuels by at least 10 percent by 2020. This order created the Low Carbon Fuel Standard and directed various agencies to develop and propose protocols for measuring the life-cycle carbon intensity of transportation fuels. The CARB adopted the Low Carbon Fuel Standard on April 23, 2009, but it was challenged in court in 2011, resulting in a preliminary injunction against its implementation. The Ninth Circuit Court of Appeals lifted the injunction in 2012, and in 2013, the court held that the standard was not in conflict with federal law. However, in 2013, the Fifth District Court of Appeal ruled that CARB had failed to comply with CEQA and the APA when adopting the regulations for the Low Carbon Fuel Standard. The court allowed the regulations to remain operative while CARB worked to comply with the procedural requirements (Schwarzenegger, Executive Order S-01-07 2007).

Executive Order S-13-08. Executive Order S-13-08 states that California is likely to experience significant impacts from climate change, including altered precipitation patterns, rising sea levels, and increased temperatures. These impacts pose a serious threat to the state's economy, natural resources, and public health. In response to the order, the California Natural Resources Agency developed the first statewide climate change adaptation strategy in the US in 2009. The strategy analyzes the risks associated with climate change in California and identifies strategies to help the state adapt to these changes. It also sets the direction for future research on this important issue (California Natural Resources Agency 2009).

Executive Order B-30-15. In April 2015, Governor Jerry Brown signed Executive Order B-30-15s which outlines several key provisions. First, it establishes a new greenhouse gas emission reduction target of 40 percent below 1990 levels by 2030 to ensure that California achieves its overall goal of reducing greenhouse gas emissions to 80 percent below 1990 levels by 2050. Second, all state agencies that have control over sources of greenhouse gas emissions are required to take measures, within their statutory authority, to achieve these reductions. Third, the California Air Resources Board is tasked with updating the Climate Change Scoping Plan to express the 2030 target in terms of million metric tons of carbon dioxide equivalent. Although the order doesn't have a direct impact on cities and counties, it will lead to the preparation of the new 2017 CARB Scoping Plan and regulations for meeting post-2020 reduction targets (E. Brown 2015).

Executive Order B-48-18. A directive signed by Governor Jerry Brown in September 2018 that sets a target of carbon neutrality for California by 2045. The order establishes goals for the state to achieve carbon neutrality through a variety of actions, including increasing renewable energy, promoting zero-emission vehicles, and investing in research and development of new clean technologies. The order also sets a goal for the state to achieve net-negative emissions beyond 2045, meaning that California would remove more greenhouse gases from the atmosphere than it emits. This executive order is part of California's broader effort to address climate change and reduce greenhouse gas emissions (G. E. Brown, Executive Order B-48-18 2018).

Executive Order N-79-20. EV Stuff. This order set ambitious targets for transitioning to ZEVs in California. All new passenger cars and trucks sold in the state must be zero-emission by 2035. All

medium- and heavy-duty vehicles should be zero-emission by 2045, where feasible, with a target of 2035 for drayage trucks. All off-road vehicles and equipment operations are to be zero-emission by 2035. The order also directed the California Air Resources Board to develop regulations to achieve these goals and mandated state agencies to accelerate the development of affordable fueling and charging infrastructure for ZEVs (Newsom, Executive Order N-79-20 2020).

Executive Order N-82-20. Signed by California Governor Gavin Newsom on October 7, 2020. The order sets a goal for the state to conserve 30% of California's land and coastal waters by 2030, to help combat climate change and protect biodiversity. The order establishes the California Biodiversity Collaborative to develop and implement a biodiversity strategic plan and directs state agencies to prioritize conservation and restoration efforts. The order also recognizes the importance of involving Native American tribes and local communities in conservation efforts and calls for increased funding and partnerships to support conservation efforts (Newsom, Executive Order N-82-20 2020).

California Regulations and Building Codes

California has a long history of adopting regulations to improve energy efficiency in new and remodeled buildings. These regulations have kept California's energy consumption relatively flat even with rapid population growth.

Title 24. California Code of Regulations Title 24 Part 6: California's Energy Efficiency Standards for Residential and Nonresidential Buildings, was first adopted in 1978 in response to a legislative mandate to reduce California's energy consumption. The Title 24 standards cover a wide range of topics related to building energy efficiency, including building envelope design, lighting, mechanical systems, and more. The standards are periodically updated to reflect advances in technology and changes in state policy, with the most recent updates taking effect on January 1, 2020. The goal of the Title 24 standards is to reduce energy consumption in buildings (and as a result reduce GHG emissions) and promote sustainable design and construction practices (California Energy Comission n.d.).

Title 20. California Code of Regulations, Title 20: Division 2, Chapter 4, Article 4, Sections 1601-1608: Appliance Efficiency Regulations created a set of energy efficiency standards that apply to a variety of appliances and products sold or offered for sale in the state. The standards are designed to reduce energy consumption, save consumers money on their energy bills, and reduce GHG emissions. Title 20 covers products such as lighting fixtures, televisions, computers, battery chargers, and many other appliances and electronics. Manufacturers must ensure that their products meet the energy efficiency requirements before they can be sold in California. The standards are regularly updated to reflect advances in technology and to increase energy savings. (California Energy Comission n.d.)

California Green Building Standards Code, also known as CALGreen, is a set of mandatory standards that promote the design and construction of energy-efficient, water-efficient, and environmentally sustainable buildings. The standards apply to all newly constructed buildings and to alterations and additions to existing buildings. CALGreen covers various areas such as energy efficiency, water conservation, indoor air quality, materials conservation, and construction waste reduction. It also includes

requirements for installing renewable energy systems and using low-emitting materials. CALGreen is updated periodically to reflect advances in green building practices and technologies. The latest version is the 2022 CALGreen code, effective January 1, 2023 (Department of General Services n.d.).

San Joaquin Valley Air Pollution Control District

SJVAPCD Climate Change Action Plan

On August 21, 2008, the SJVAPCD Governing Board approved the SJVAPCD's Climate Change Action Plan with the following goals and actions:

Goals:

- Assist local land-use agencies with CEQA issues relative to projects with GHG emissions increases.
- Assist Valley businesses in complying with mandates of AB 32.
- Ensure that climate protection measures do not cause increase in toxic or criteria pollutants that adversely impact public health or environmental justice communities.

Actions:

- Authorize the Air Pollution Control Officer to develop GHG significance threshold(s) or other mechanisms to address CEQA projects with GHG emissions increases. Begin the requisite public process, including public workshops, and develop recommendations for Governing Board consideration in the spring of 2009.
- Authorize the Air Pollution Control Officer to develop necessary regulations and instruments for establishment and administration of the San Joaquin Valley Carbon Exchange Bank for voluntary GHG reductions created in the Valley. Begin the requisite public process, including public workshops, and develop recommendations for Governing Board consideration in spring 2009.
- Authorize the Air Pollution Control Officer to enhance the SJVAPCD's existing criteria pollutant emissions inventory reporting system to allow businesses subject to AB32 emission reporting requirements to submit simultaneous streamlined reports to the SJVAPCD and the state of California with minimal duplication.
- Authorize the Air Pollution Control Officer to develop and administer voluntary GHG emission reduction agreements to mitigate proposed GHG increases from new projects.
- Direct the Air Pollution Control Officer to support climate protection measures that reduce GHG emissions and toxic and criteria pollutants. Oppose measures that result in a significant increase in toxic or criteria pollutant emissions in already impacted area (San Joaquin Valley Air Pollution Control District n.d.).

SJVAPCD CEQA Greenhouse Gas Guidance.

On December 17, 2009, the San Joaquin Valley Air Pollution Control District (SJVAPCD) Governing Board adopted two key policies: "Guidance for Valley Land-use Agencies in Addressing GHG Emission Impacts for New Projects under CEQA" and "District Policy—Addressing GHG Emission Impacts for Stationary Source Projects Under CEQA When Serving as the Lead Agency." The SJVAPCD determined that current scientific methods are insufficient to accurately quantify the precise impact of project-specific

greenhouse gas (GHG) emissions on global climate change. However, it concluded that GHG emissions contribute cumulatively to climate change and that, without mitigation, these cumulative effects could be significant. As a result, the District recommended that all projects reduce GHG emissions through project design or mitigation measures.

The SJVAPCD's approach aims to simplify the process of assessing the significance of GHG emissions from proposed projects. Projects exempt from CEQA requirements or that comply with an approved GHG reduction plan or mitigation program would have a less than significant cumulative impact. These plans or programs must be formally adopted by the relevant public agency, supported by a certified final CEQA document, and specifically authorized by law.

To further streamline assessments, the District established Best Performance Standards (BPS), which set performance-based benchmarks for reducing GHG emissions. Projects that meet BPS requirements would not be required to quantify their GHG emissions and would automatically be considered to have a less than significant cumulative impact. However, projects that do not comply with BPS must quantify their emissions and demonstrate a 29% reduction in GHG emissions compared to business-as-usual (BAU), aligning with CARB's AB 32 Scoping Plan. Additionally, all projects requiring an Environmental Impact Report (EIR) under CEQA must quantify their GHG emissions, regardless of whether they incorporate BPS (San Joaquin Valley Air Pollution Control District 2009).

For stationary source permitting projects, BPS is defined as the most stringent feasible method of controlling GHG emissions, including equipment type, design, operational efficiency, and maintenance practices that are already proven effective in practice. For land development projects, BPS consists of GHG reduction strategies, project design features, and land-use planning decisions that collectively reduce emissions by at least 29% compared to business-as-usual scenarios. To aid in implementation, the SJVAPCD will compile and maintain a list of all approved BPS to assist in determining whether a proposed project has met the required GHG reductions (San Joaquin Valley Air Pollution Control District 2009).

Fresno Council of Governments Priority Climate Action Plan

The Fresno Council of Governments (FCOG) Priority Climate Action Plan (PCAP) 2024 outlines several regulations and rules related to GHG emissions. The PCAP prioritizes GHG reduction measures in key sectors, including transportation, agriculture, building energy, and waste management. Key regulatory and policy measures include:

Transportation Sector:

- Development of a robust electric vehicle (EV) charging network in Fresno County to facilitate greater adoption of EVs.
- Conversion of municipal fleets (including transit vehicles) to ZEVs.
- Expansion of bike and pedestrian infrastructure to promote alternative mobility options such as e-bikes and scooters.
- Enhancement of public transportation systems to increase accessibility and sustainability.
- Implementation of carpool, vanpool, and other shared mobility incentives to reduce VMT

Agricultural Sector:

- Reduction of GHG emissions from manure management in livestock and poultry operations through state and federal incentive programs.
- Elimination of agricultural burning in compliance with Senate Bill 705, with incentives for alternative disposal methods like chipping or soil incorporation.
- Electrification of agricultural equipment, such as tractors and irrigation pumps, to cut down emissions from off-road diesel engines.

Building Energy Sector:

- Encouragement of energy efficiency retrofits for residential and commercial buildings.
- Incentives for on-site renewable energy generation such as solar and wind power.
- Promotion of high-efficiency water heating systems to reduce energy consumption.
- Incorporation of green building policies based on Leadership in Energy and Environmental Design (LEED) or Green Globes Rating System.

Waste Management Sector:

- Implementation of waste diversion programs to reduce methane emissions from landfills and wastewater treatment plants.
- Expansion of construction and demolition waste recycling programs to meet or exceed CALGreen voluntary guidelines.

The PCAP provides a framework for reducing GHG emissions in Fresno County by aligning with state and federal regulations, leveraging available funding, and encouraging stakeholder participation. It serves as the foundation for a more comprehensive CCAP that will be developed over the 18 months after its publication (Fresno Council of Governments 2024).

Impacts & Mitigation Measures

Methodology

Short-term Impacts

Short-term construction emissions associated with the proposed project were calculated using the CalEEMod computer program. The modeling accounted for emissions generated during site preparation, grading, paving, building construction, and the application of architectural coatings. Phase 1 of construction is expected to commence in Summer 2025 and take approximately 14 months to complete. The timeline for Phase 2 and 3 remains uncertain, so a conservative estimate were used. Phase 2 is assumed to begin in Fall 2026 and last about 9 months. Phase 3 is assumed to begin Summer 2027 and last about 15 months.

Since detailed construction schedules and equipment requirements have not been determined for the project, the analysis relied on default assumptions provided in the CalEEMod model. The assumptions and modeling results are included in Appendix A of this report.

Long-term Impacts

The CalEEMod computer program was used to estimate long-term operational emissions of GHGs associated with each phase of the proposed project. Mobile-source emissions were estimated to be zero with the following discussion for each phase:

1. Phase 1 would not increase student capacity or events at the High School. The remodeling of the stadium would only provide improved facilities for existing students and visitors for events.
2. Phase 2 would not increase vehicle miles traveled (VMT). The Multi-use fields would not increase student capacity at the campus and would instead provide additional athletic fields to eliminate over-use of existing fields that currently results in poor field conditions. Secondly, the Multi-use fields would be open to public recreation and some usage from the public of Riverdale is anticipated. However, the Multi-use fields would provide public recreation facilities to a community that does not have any public parks. The nearest public parks for the community of Riverdale are in Lemoore and Hanford, approximately nine and eleven miles away, respectively. While Phase 2 would result in new trips to the campus, many users would replace traveling to Lemoore and Hanford for the much closer proposed Multi-use fields.
3. Phase 3 would not increase student capacity at the High School. The reconstruction of the Ag Barn would provide improved facilities for the existing students of the campus.

Based on this assessment, the Project would not result in an increase in operational mobile emission sources. Details of the modeling assumptions and output files can be found in Appendix A of this report.

Thresholds of Significance

In accordance with Appendix G of the CEQA Guidelines Initial Study Checklist, a project would be considered to have a significant impact to climate change if it would:

a. Generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment; or,
b. Conflict with any applicable plan, policy or regulation of an agency adopted to reduce emissions of GHGs.

In accordance with the SJVAPCD's Guidance for Valley Land-use Agencies in *Addressing GHG Emission Impacts for New Projects Under CEQA* (San Joaquin Valley Air Pollution Control District 2009) a project would be considered to have a less than significant impact on climate change if it would comply with at least one of the following criteria:

- Comply with an approved GHG emission reduction plan or GHG mitigation program which avoids or reduces GHG emissions within the geographic area in which the project is located. Such plans or programs must be specified in law or approved by the lead agency with jurisdiction over the affected resource and supported by a CEQA compliant environmental review document adopted by the lead agency, or
- Implement approved best performance standards, or
- Quantify project GHG emissions and reduce those emissions by at least 29 percent compared to BAU.

The SJVAPCD has not yet adopted BPS for development projects. The quantification of project-generated GHG emissions in comparison to BAU conditions to determine consistency with AB 32's reduction goals is considered appropriate in some instances. However, based on the California Supreme Court's decision in *Center for Biological Diversity v. California Department of Fish and Wildlife and Newhall Land and Farming (2015) 224 Cal. App. 4th 1105* (CBD vs. CDFW; also known as the "Newhall Ranch case"), substantial evidence would be need to be provided to document that project-level reductions in comparison to a BAU approach would be consistent with achieving AB 32's overall statewide reduction goal. Given that AB 32's statewide goal includes reductions that are not necessarily related to an individual development project, the use of this approach may be difficult to support given the lack of substantial evidence to adequately demonstrate a link between the data contained in the AB 32 Scoping Plan and individual development projects. Alternatively, the Court identified potential options for evaluating GHG impacts for individual development projects, which included a qualitative approach based on consistency with statewide, regional, and local plans (Supreme Court of California 2015).

As of March 2024, neither the County of Fresno nor CARB have adopted recommended numerical GHG significance thresholds applicable to development projects for CEQA purposes. However, the Fresno Council of Governments has adopted its Priority Climate Action Plan (PCAP) as of March 2024. The CCAP outlines five draft measures for the transportation sector, four for the agricultural sector, ten for the building energy sector, and four for the waste sector (Fresno Council of Governments 2024). Applicable measures are analyzed in the impact analysis below for consistency.

Therefore, the methodology for evaluating the project's impacts related to GHG emissions focuses on its consistency with statewide, regional, and local plans that have been adopted for the purposes of reducing and mitigating GHG emissions. This approach has been deemed appropriate for analyzing a project's GHG impact by the Governor's Office of Planning and Research (OPR) and has been upheld in court challenges (Governor's Office of Planning and Research 2018) (Mission Bay Alliance v. Office of Community Investment & Infrastructure 2016). The evaluation of consistency with such plans serves as the sole basis for determining the significance of the project's GHG- related impacts to the environment. The project's GHG emissions have been quantified and are included in this report for informational purposes.

Project Impacts

Impact GHG-A.	***Would the project generate greenhouse gas emissions, either directly or indirectly, that may have a significant impact on the environment? and***

Impact GHG-B.	***Would the project conflict with any applicable plan, policy or regulation of an agency adopted to reduce greenhouse gases emissions?***

Below is a discussion and quantification of the project's GHG emissions.

Short-term Construction

Construction-generated GHG emissions are summarized in Table 10. As shown, construction of the facility would generate about 644.1 $MTCO_2e$. Amortized GHG emissions, when averaged over an assumed 30-year life of the project, would total approximately 21.47 $MTCO_2e$/year. There would also be a small amount of GHG emissions from waste generated during construction; however, this amount is speculative. Construction-generated emissions would vary, depending on the final construction schedules, equipment required, and activities conducted.

Table 10. Construction GHG Emissions

Construction Year	Annual Emissions ($MTCO_2e$/Year)
Phase 1 2025	180
Phase 1 2026	181
Phase 2 2026	122
Phase 3 2027	109
Phase 3 2028	52.1
Total Construction Emissions:	644.1
Amortized Net Change in Construction Emissions[1]:	21.47

1. Amortized emissions are quantified based on an estimated 30-year project life.
Refer to Appendix A for emissions modeling assumptions and results.

Long-term Operation

Table 11 summarizes the project's increase of operational GHG emissions for the operational years per phase of Phase 1 2026, Phase 2 2026, and Phase 3 2028 compared to existing operation of current land uses. Including amortized construction emissions, total annual GHG emissions are estimated at 31.83 metric tons of CO_2 equivalent ($MTCO_2e$) in for Phase 1 2026, 17.07 $MTCO_2$ from Phase 2 2026, and 71.67 $MTCO_2e$ from Phase 3 2028. Most emissions, 74.5%, would come from energy use, 11% would come from mobile sources.

Also, Riverdale High School operates a large solar yard northwest of the project site that would provide power to the project, reducing operational GHG emissions from energy use.

Table 11. Operational GHG Emissions (Unmitigated)

Emissions Source	GHG Emissions ($MTCO_2e$ per year)[1]			Percent of Total GHG Emissions
	Phase 1 2026	Phase 2 2026	Phase 3 2028	
Mobile Sources	0.00	11.0	0.00	11.09%
Area Sources	0.06	0.06	0.28	2.34%
Energy Use	17.0	0.00	56.9	74.50%
Water Use	1.94	1.80	1.32	3.29%
Waste Generation	0.81	0.16	7.77	8.81%

Refrigerant	<0.005	0.00	0.01	0.01%
Total Operational:	19.80	13.00	66.30	
Amortized Construction Emissions:	12.03	4.07	5.37	
Total Emissions:	31.83	17.07	71.67	
Total Emissions:	133.67			

1. Project-generated emissions were quantified using the CalEEMod computer program.
Refer to Appendix A for modeling results and assumptions.

Consistency With Applicable Plans

As previously discussed, compliance with applicable GHG reduction plans would result in a less than significant impact from project-generated GHG emissions. The FCOG has adopted the 2022 Regional Transportation Plan and Sustainable Communities Strategies (RTP/SCS) (Fresno Council of Governments 2022) and a Priority Climate Action Plan (PCAP) (Fresno Council of Governments 2024) that include measures to reduce GHG emissions. Additional, relevant measures aimed at reducing operational GHG emissions are included the CARB's 2022 Climate Change Scoping Plan (California Air Resources Board 2023). The project's consistency with these plans is further detailed below.

CARB's 2022 Climate Change Scoping Plan

The 2017 Climate Change Scoping Plan set a goal of reducing statewide GHG emissions to 40% below 1990 levels by 2030, as required by SB 32. On November 16, 2022, the CARB approved the 2022 Scoping Plan for Achieving Carbon Neutrality. This updated plan continues efforts to meet the SB 32 target and builds upon previous strategies by aiming for an 85% reduction in GHG emissions below 1990 levels by 2045.

Key strategies to achieve SB 32's goals include promoting sustainable communities through zero net energy buildings and enhanced transportation options that reduce vehicle miles traveled (VMT). Additional measures focus on increasing the use of low-carbon fuels and cleaner vehicles. Analysis of consistency with measures from the CARB's 2022 Scoping Plan are discussed below in Table 12.

Table 12. Consistency Analysis with CARB's 2022 Scoping Plan

Measure/Action	Consistency Analysis
Smart Growth/VMT Reduction: VMT per capita reduced 25% below 2019 levels by 2030, and 30% below 2019 levels by 2045.	The project would provide local recreational facilities within a walkable distance to most residents. Riverdale residents would not need to travel outside of the community to access such facilities. Remodeled portion of the Project would not increase VMT. The Project is **Consistent**.
Light-duty Vehicle (LDV) Zero Emission Vehicles (ZEVs): 100% of Light Duty Vehicle sales by 2035.	The project site is owned and operated by the Riverdale Joint Union School District. As vehicles are retired towards 2035, the District would purchase ZEV LDVs, as required by State regulations. The Project is **Consistent**.

Truck ZEVs: 100% medium duty (MDV)/HDV sales are ZEV by 2040.	The project site is owned and operated by the Riverdale Joint Union School District. As vehicles are retired towards 2040, the District would purchase ZEV MDVs as required by State regulations. The Project is **Consistent**.
New Residential and Commercial Buildings: All electric appliances installed for commercial development starting 2029	**Consistent.** Despite the Project starting before 2029, to align with CARB's GHG reduction goals, the project would implement MM GHG-1 to prohibit the construction of natural gas infrastructure and use of natural gas appliances, and utilize electrical appliances. Additionally, the project would comply with the requirements listed in Title 24 of the California Building Standards Code which require and/or promote energy-efficient appliances.
Construction Equipment: 25% of energy demand electrified by 2030 and 75% electrified by 2045.	Not feasible. Electric construction equipment and electrical power sources are not available for the Project site. GHG emissions from construction are small. The project is **Consistent**.
Natural and Working Lands: Conserve 30% of the State's NWL and coastal waters by 2030.	The project would replace existing cropland with development. However, this land use conversion is consistent with the Riverdale Community Plan and the Fresno County General Plan. Additionally, the project would offset the removal of farmland by constructing a new agricultural educational facility including pastures and orchards. 3.25 acres of agricultural land would be converted to grassy turf playfields which provide carbon sequestration benefits as high density, perennial landscaped areas. The project is **Consistent**.
Developed Lands: Increase forestry investment by 200% above current levels and utilize tree watering that is 30% less sensitive to drought.	The project would promote the urban forest in Riverdale by adding more trees with drought tolerant irrigation to the site per CALGreen code. The project is **Consistent**.
Non-applicable measures related to aviation, ocean-going vessels, freight/rail, oil and gas, existing residential and commercial buildings, manufacturing, agricultural production, fuel production, landfill operations, and protection of forests, shrublands, grasslands, wetlands are omitted. (California Air Resources Board 2023)	

As discussed in Table 12, the Project is consistent with all applicable measures/actions of the CARB 2022 Scoping Plan.

To support the state's GHG reduction targets, including those under SB 32, California enacted the Sustainable Communities and Climate Protection Act (SB 375). This law requires regional metropolitan planning organizations, such as FCOG, to develop Sustainable Communities Strategies (SCSs) that integrate transportation, housing, and land use planning to help achieve state-mandated GHG reductions. The implementation of SCSs aims to lower per capita emissions from mobile sources by reducing per

capita VMT. Compliance with GHG reduction goals and policies from the FCOG are discussed in the sections below.

FCOG 2022 Regional Transportation Plan and Sustainable Communities Strategies

The FCOG's 2022 RTP/SCS outlines transportation strategies aimed at reducing regional GHG emissions. Based on the rationale in this study, the project would not increase vehicle miles traveled (VMT), demonstrating that the project aligns with planned growth and the objectives set forth in the FCOG's 2022 RTP/SCS. Analysis of all relevant measures is shown below in Table 13 below.

Table 13. Consistency Analysis with FCOG's Transportation Plan and Sustainable Communities Goals

Goal	Project Consistency
Goal 1: Improved mobility and accessibility for all.	Though the project would not add an additional bus stop near its location, the project would make improvements to the sidewalk along Hazel Ave. which would improve accessibility to the site. The project is **consistent**.
Goal 2: Vibrant communities that area accessible by sustainable transportation options.	The project would increase the parking stalls available at the location, though it would provide a local recreation area for residents to use. Local residents would travel smaller distances to participate in outdoor activities instead of traveling to different towns to access public parks. The project is **consistent**.
Goal 3: A safe, well-maintained, efficient, and climate-resilient multimodal transportation network.	As mentioned previously, improvements to Hazel Ave. would improve access to the nearest bus stop on Mt. Whitney to the Riverdale HS athletics complex. The project is **consistent**.
Goal 4: A transportation network that supports a sustainable and vibrant economy.	This project would be built away from main thoroughfares, such as Mt. Whitney Ave., so it is not expected to impact the region's private sector transportation needs. The project is **consistent**.
Goal 5: A region embracing clean transportation, technology, and innovation.	The Project would be constructed in compliance with CALGreen EV parking spaces. The Project is **consistent**.
(Fresno Council of Governments 2022)	

As discussed in Table 13, the Project is consistent with all applicable goals of the FCOG's PCAP GHG reduction goals.

FCOG Priority Climate Action Plan

The FCOG's PCAP outlines five draft measures for the transportation sector, four for the agricultural sector, ten for the building energy sector, and four for the waste sector. Analysis of consistency with relevant measures are shown below in Table 14.

Table 14. Consistency Analysis with FCOG's Priority Climate Action Plan

GHG Reduction Measure	Project Consistency Analysis
Transportation Sector	
1) EV Strategy: Develop a robust electric vehicle charging network in Fresno County, including in disadvantaged communities, to increase electric vehicle adoption in Fresno County.	The Project would be constructed in compliance with CALGreen EV parking spaces. The Project is **consistent**.
2) Municipal Fleet Conversion: Continue to convert the municipal fleet (including transit) into zero-emission vehicles and provide a sustainable and reliable support system for such zero-emission fleet, which could include, but not limited to: maintenance, charging facilities, training of personnel, etc. (Implementing measures could include fleet electrification, installation of electric vehicle charging infrastructure, etc.)	The Project is not a transportation Project. **The Project would not increase VMT, so this measure is not applicable to the project and is consistent.** Riverdale Joint Unified School District plans to electrify its fleet of vehicles through other projects to meet the State's climate goals.
3) Bike and Pedestrian Network: Build a well-connected bike and pedestrian system that provides alternative transportation options, including micro-mobility such as shared e-bikes and e-scooters. Implementing measures could include pedestrian network improvements, bike parking, expanded bikeway networks, electric bikeshare programs, scooter share programs, dedicated sand for bike trails.	The Project would construct new sidewalk along the east side of Hazel Ave. to promote pedestrians. Bicycle access to the project site is currently promoted along Hazel Avenue from Mt. Whitney Ave. by 25 MPH school zone signs, pavement markings, and crosswalk signage reducing vehicle speeds and making cycling accessible. These markings would continue along reconstructed sections of Hazel Ave.; therefore, the project is **consistent.**
4) Public Transportation: Enhance the public transportation system by maintaining/expanding the existing transit system and implementing other transit strategies such as micro transit.	**Not applicable.**
5) Carpool/Vanpool and Other Shared Mobility Options: Provide incentives for carpool and vanpool, and other shared mobility options. (Implementation measures could include commute trip reduction programs, end-of-trip facilities, car-sharing programs, employer-sponsored vanpool/shuttle, priced workplace parking, and/or employee parking "cash-out" programs.)	**Not applicable.** District does provide school bus program to project site.
Building Energy Sector	
1) Incentive Programs for the Purchase of Certified Energy Efficient Appliances: Incentive programs for the purchase of certified energy-efficient appliances, heating and cooling equipment, lighting, and building products to replace inefficient products. (Implementation could include air distribution system updates such as right-sizing fan system equipment and converting to a variable-air-volume system, heating and cooling system upgrades, reductions in supplemental energy load consumption by installing ENERGY STAR equipment, window films, and adding insulation or reflective roof coating and/or installation of energy-efficient lighting.)	The Project would be designed in accordance with 2022 California Green Building Standards Code, which includes energy and water efficiency design aspects. The project is **consistent**.
2) Incorporate Water Efficiency Measures: Incorporate water efficiency measures that reduce water heating	The Project would be designed in accordance with 2022 California Green Building Standards Code,

energy consumption by installing alternative types of water heaters in place of gas storage tank heaters in residences.	which includes electric tankless water heaters. The project is **consistent**.
3) Bundle On-Site Renewable Energy Generation: Bundle on-site renewable energy generation with energy efficiency improvements in residences and commercial buildings (Implementation could include establishment of on-site renewable energy systems such as solar power with fuel cells and battery storage, biomass combustion, and/or wind power, limitations on non-renewable energy sources.)	The Project site is powered by existing solar panels that currently powers the high school campus. The project is **consistent**.
Measures for Solid Waste and Wastewater Sector and Agriculture Sector were deemed not applicable to the project and are omitted. (Fresno Council of Governments 2024)	

As discussed in Table 13, the Project is consistent with all applicable measures or the intent of the FCOG's PCAP GHG reduction measures that do not directly apply to the project.

As previously noted, the proposed project aligns with regional vehicle miles traveled (VMT) reduction targets since it would not increase VMT. However, it does not incorporate BMPs necessary to fulfill its "fair share" in supporting the State's long-term climate objectives, including the 2045 carbon neutrality goal. Therefore, this impact would be considered potentially significant.

Mitigation Measures

GHG-1: Natural Gas Prohibition. Building mechanical equipment and appliances shall be electrically powered. The installation of natural-gas service/infrastructure shall be prohibited.

Significance After Mitigation

Mitigation Measure GHG-1 would prohibit the construction of natural gas infrastructure and the use of natural gas-powered appliances and mechanical systems. With this mitigations in place, and as discussed above, the proposed project would align with CARB's 2022 Climate Change Scoping Plan, and the FCOG's 2022 RTP/SCS, the FCOG's PCAP to contribute its fair share toward achieving the State's carbon neutrality goal by 2045, as outlined in Executive Order B-55-18.

With mitigation, the project's GHG emissions would not result in significant environmental impacts or conflict with applicable GHG reduction policies, plans, or regulations, therefore this impact would be considered **less than significant with mitigation incorporated**.

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Riverdale HS Athletic Facilities - Phase 1 Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Riverdale HS Athletic Facilities - Phase 1
Construction Start Date	7/1/2025
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.50
Precipitation (days)	20.0
Location	36.4348538536434, -119.85582584339924
County	Fresno
City	Unincorporated
Air District	San Joaquin Valley APCD
Air Basin	San Joaquin Valley
TAZ	2521
EDFZ	5
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Southern California Gas
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
High School	2.01	1000sqft	0.05	2,006	264,722	264,722	—	Buildings and Landscaping.

Other Non-Asphalt Surfaces	60.7	1000sqft	1.39	0.00	0.00	0.00	—	Concrete hardscape
Parking Lot	137	1000sqft	3.15	137,427	0.00	0.00	—	Rubber track

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unmit.	64.8	31.7	33.6	0.05	9.17	5.23	6,121
Daily, Winter (Max)	—	—	—	—	—	—	—
Unmit.	1.09	8.73	13.2	0.02	0.96	0.46	2,768
Average Daily (Max)	—	—	—	—	—	—	—
Unmit.	2.21	4.45	5.60	0.01	0.54	0.30	1,091
Annual (Max)	—	—	—	—	—	—	—
Unmit.	0.40	0.81	1.02	< 0.005	0.10	0.05	181

2.2. Construction Emissions by Year, Unmitigated

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

Year	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—
2025	3.39	31.7	33.6	0.05	9.17	5.23	6,121
2026	64.8	8.16	13.7	0.02	0.92	0.42	2,808
Daily - Winter (Max)	—	—	—	—	—	—	—
2025	1.09	8.73	13.2	0.02	0.96	0.46	2,768

2026	1.03	8.25	13.0	0.02	0.92	0.42	2,747
Average Daily	—	—	—	—	—	—	—
2025	0.52	4.45	5.60	0.01	0.54	0.30	1,090
2026	2.21	3.32	5.28	0.01	0.36	0.17	1,091
Annual	—	—	—	—	—	—	—
2025	0.10	0.81	1.02	< 0.005	0.10	0.05	180
2026	0.40	0.61	0.96	< 0.005	0.07	0.03	181

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unmit.	0.08	0.03	0.15	< 0.005	< 0.005	< 0.005	119
Daily, Winter (Max)	—	—	—	—	—	—	—
Unmit.	0.08	0.03	0.15	< 0.005	< 0.005	< 0.005	119
Average Daily (Max)	—	—	—	—	—	—	—
Unmit.	0.08	0.03	0.15	< 0.005	< 0.005	< 0.005	119
Annual (Max)	—	—	—	—	—	—	—
Unmit.	0.02	< 0.005	0.03	< 0.005	< 0.005	< 0.005	19.8

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.08	< 0.005	0.13	< 0.005	< 0.005	< 0.005	0.35
Energy	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	102
Water	—	—	—	—	—	—	11.7

Waste	—	—	—	—	—	—	4.92
Refrig.	—	—	—	—	—	—	< 0.005
Total	0.08	0.03	0.15	< 0.005	< 0.005	< 0.005	119
Daily, Winter (Max)	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.08	< 0.005	0.13	< 0.005	< 0.005	< 0.005	0.35
Energy	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	102
Water	—	—	—	—	—	—	11.7
Waste	—	—	—	—	—	—	4.92
Refrig.	—	—	—	—	—	—	< 0.005
Total	0.08	0.03	0.15	< 0.005	< 0.005	< 0.005	119
Average Daily	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.08	< 0.005	0.13	< 0.005	< 0.005	< 0.005	0.35
Energy	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	102
Water	—	—	—	—	—	—	11.7
Waste	—	—	—	—	—	—	4.92
Refrig.	—	—	—	—	—	—	< 0.005
Total	0.08	0.03	0.15	< 0.005	< 0.005	< 0.005	119
Annual	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.01	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.06
Energy	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	17.0
Water	—	—	—	—	—	—	1.94
Waste	—	—	—	—	—	—	0.81
Refrig.	—	—	—	—	—	—	< 0.005
Total	0.02	< 0.005	0.03	< 0.005	< 0.005	< 0.005	19.8

3. Construction Emissions Details

3.1. Phase 1 - Demolition (2025) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	2.40	22.2	19.9	0.03	0.92	0.84	3,437
Demolition	—	—	—	—	0.04	0.01	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.13	1.22	1.09	< 0.005	0.05	0.05	188
Demolition	—	—	—	—	< 0.005	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.22	0.20	< 0.005	0.01	0.01	31.2
Demolition	—	—	—	—	< 0.005	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.07	0.05	0.77	0.00	0.12	0.03	136
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.06	0.02	< 0.005	0.01	< 0.005	55.0
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.01	< 0.005	6.82
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	3.01
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	< 0.005	< 0.005	1.13
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.50

3.3. Phase 1 - Site Preparation (2025) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	3.31	31.6	30.2	0.05	1.37	1.26	5,314
Dust From Material Movement	—	—	—	—	7.67	3.94	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.26	0.25	< 0.005	0.01	0.01	43.7
Dust From Material Movement	—	—	—	—	0.06	0.03	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.05	0.05	< 0.005	< 0.005	< 0.005	7.23
Dust From Material Movement	—	—	—	—	0.01	0.01	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.08	0.05	0.89	0.00	0.14	0.03	158

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	< 0.005	< 0.005	1.19
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.20
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Phase 1 - Grading (2025) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	1.74	16.3	17.9	0.03	0.72	0.66	2,970
Dust From Material Movement	—	—	—	—	2.78	1.34	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.08	0.71	0.79	< 0.005	0.03	0.03	130
Dust From Material Movement	—	—	—	—	0.12	0.06	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.13	0.14	< 0.005	0.01	0.01	21.6

Dust From Material Movement	—	—	—	—	0.02	0.01	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.07	0.05	0.77	0.00	0.12	0.03	136
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.07	1.29	0.94	< 0.005	0.01	< 0.005	185
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.01	< 0.005	5.45
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.06	0.04	< 0.005	< 0.005	< 0.005	8.17
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.90
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	1.35

3.7. Phase 1 - Building Construction (2025) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	0.84	7.70	10.7	0.02	0.32	0.29	1,661
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	0.84	7.70	10.7	0.02	0.32	0.29	1,661
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.21	1.94	2.70	< 0.005	0.08	0.07	419
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.35	0.49	< 0.005	0.01	0.01	69.4
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.26	0.18	2.99	0.00	0.47	0.11	529
Vendor	0.02	0.76	0.27	< 0.005	0.17	0.05	641
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Worker	0.23	0.21	2.26	0.00	0.47	0.11	468
Vendor	0.02	0.81	0.28	< 0.005	0.17	0.05	640
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—
Worker	0.06	0.05	0.60	0.00	0.12	0.03	123
Vendor	< 0.005	0.20	0.07	< 0.005	0.04	0.01	162
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Worker	0.01	0.01	0.11	0.00	0.02	0.01	20.3
Vendor	< 0.005	0.04	0.01	< 0.005	0.01	< 0.005	26.8
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Phase 1 - Building Construction (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	0.79	7.27	10.7	0.02	0.27	0.25	1,660
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	0.79	7.27	10.7	0.02	0.27	0.25	1,660
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.29	2.69	3.94	0.01	0.10	0.09	614
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.49	0.72	< 0.005	0.02	0.02	102
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.24	0.16	2.75	0.00	0.47	0.11	518
Vendor	0.02	0.73	0.26	< 0.005	0.17	0.05	629
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Worker	0.22	0.20	2.07	0.00	0.47	0.11	459
Vendor	0.02	0.78	0.27	< 0.005	0.17	0.05	628
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—
Worker	0.08	0.07	0.81	0.00	0.17	0.04	176
Vendor	0.01	0.28	0.10	< 0.005	0.06	0.02	232
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Worker	0.01	0.01	0.15	0.00	0.03	0.01	29.1
Vendor	< 0.005	0.05	0.02	< 0.005	0.01	< 0.005	38.5

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Phase 1 - Paving & Track (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	0.68	6.23	8.81	0.01	0.26	0.24	1,355
Paving	0.55	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.26	0.36	< 0.005	0.01	0.01	55.7
Paving	0.02	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.05	0.07	< 0.005	< 0.005	< 0.005	9.22
Paving	< 0.005	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.08	0.05	0.94	0.00	0.16	0.04	177
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.01	< 0.005	6.68
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	< 0.005	< 0.005	1.11
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.13. Phase 1 - Architectural Coating (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.86	1.13	< 0.005	0.02	0.02	134
Architectural Coatings	64.6	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.03	< 0.005	< 0.005	< 0.005	3.67
Architectural Coatings	1.77	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	0.61
Architectural Coatings	0.32	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.05	0.03	0.55	0.00	0.09	0.02	104
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	< 0.005	< 0.005	2.61
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.43
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
High School	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
High School	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Annual	—	—	—	—	—	—	—
High School	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	5.43
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	—	67.9
Total	—	—	—	—	—	—	73.4
Daily, Winter (Max)	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	5.43
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	—	67.9
Total	—	—	—	—	—	—	73.4
Annual	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	0.90
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	—	11.2
Total	—	—	—	—	—	—	12.1

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
High School	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	29.1
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	29.1
Daily, Winter (Max)	—	—	—	—	—	—	—
High School	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	29.1
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	29.1
Annual	—	—	—	—	—	—	—
High School	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	4.82
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	4.82

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Consumer Products	0.06	—	—	—	—	—	—

Architectural Coatings	0.02	—	—	—	—	—	—
Landscape Equipment	0.01	< 0.005	0.13	< 0.005	< 0.005	< 0.005	0.35
Total	0.08	< 0.005	0.13	< 0.005	< 0.005	< 0.005	0.35
Daily, Winter (Max)	—	—	—	—	—	—	—
Consumer Products	0.06	—	—	—	—	—	—
Architectural Coatings	0.02	—	—	—	—	—	—
Landscape Equipment	0.01	< 0.005	0.13	< 0.005	< 0.005	< 0.005	0.35
Total	0.08	< 0.005	0.13	< 0.005	< 0.005	< 0.005	0.35
Annual	—	—	—	—	—	—	—
Consumer Products	0.01	—	—	—	—	—	—
Architectural Coatings	< 0.005	—	—	—	—	—	—
Landscape Equipment	< 0.005	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.06
Total	0.01	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.06

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	11.7
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	11.7
Daily, Winter (Max)	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	11.7
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00

Parking Lot	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	11.7
Annual	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	1.94
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	1.94

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	4.92
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	4.92
Daily, Winter (Max)	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	4.92
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Parking Lot	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	4.92
Annual	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	0.81
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00

Parking Lot	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	0.81

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	< 0.005
Total	—	—	—	—	—	—	< 0.005
Daily, Winter (Max)	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	< 0.005
Total	—	—	—	—	—	—	< 0.005
Annual	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	< 0.005
Total	—	—	—	—	—	—	< 0.005

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—

Total	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

Vegetation	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

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

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—

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

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Phase 1 - Demolition	Demolition	7/1/2025	7/29/2025	5.00	20.0	—
Phase 1 - Site Preparation	Site Preparation	7/30/2025	8/3/2025	5.00	3.00	—

Phase 1 - Grading	Grading	8/4/2025	8/25/2025	5.00	16.0	—
Phase 1 - Building Construction	Building Construction	8/25/2025	7/8/2026	5.00	228	—
Phase 1 - Paving & Track	Paving	7/9/2026	7/29/2026	5.00	15.0	—
Phase 1 - Architectural Coating	Architectural Coating	7/30/2026	8/12/2026	5.00	10.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 1 - Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Phase 1 - Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Phase 1 - Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Phase 1 - Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37
Phase 1 - Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Phase 1 - Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Phase 1 - Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Phase 1 - Grading	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Phase 1 - Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38
Phase 1 - Building Construction	Cranes	Diesel	Average	1.00	1.00	367	0.29
Phase 1 - Building Construction	Forklifts	Diesel	Average	3.00	8.00	82.0	0.20
Phase 1 - Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Phase 1 - Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	3.00	7.00	84.0	0.37

Phase 1 - Building Construction	Welders	Diesel	Average	1.00	8.00	46.0	0.45
Phase 1 - Paving & Track	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Phase 1 - Paving & Track	Paving Equipment	Diesel	Average	2.00	6.00	89.0	0.36
Phase 1 - Paving & Track	Rollers	Diesel	Average	2.00	6.00	36.0	0.38
Phase 1 - Paving & Track	Cement and Mortar Mixers	Diesel	Average	2.00	6.00	10.0	0.56
Phase 1 - Paving & Track	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Phase 1 - Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 1 - Demolition	—	—	—	—
Phase 1 - Demolition	Worker	15.0	11.4	LDA,LDT1,LDT2
Phase 1 - Demolition	Vendor	—	8.53	HHDT,MHDT
Phase 1 - Demolition	Hauling	0.75	20.0	HHDT
Phase 1 - Demolition	Onsite truck	—	—	HHDT
Phase 1 - Site Preparation	—	—	—	—
Phase 1 - Site Preparation	Worker	17.5	11.4	LDA,LDT1,LDT2
Phase 1 - Site Preparation	Vendor	—	8.53	HHDT,MHDT
Phase 1 - Site Preparation	Hauling	0.00	20.0	HHDT
Phase 1 - Site Preparation	Onsite truck	—	—	HHDT
Phase 1 - Grading	—	—	—	—
Phase 1 - Grading	Worker	15.0	11.4	LDA,LDT1,LDT2

Phase 1 - Grading	Vendor	—	8.53	HHDT,MHDT
Phase 1 - Grading	Hauling	82.5	0.10	HHDT
Phase 1 - Grading	Onsite truck	—	—	HHDT
Phase 1 - Building Construction	—	—	—	—
Phase 1 - Building Construction	Worker	58.6	11.4	LDA,LDT1,LDT2
Phase 1 - Building Construction	Vendor	22.9	8.53	HHDT,MHDT
Phase 1 - Building Construction	Hauling	0.00	20.0	HHDT
Phase 1 - Building Construction	Onsite truck	—	—	HHDT
Phase 1 - Architectural Coating	—	—	—	—
Phase 1 - Architectural Coating	Worker	11.7	11.4	LDA,LDT1,LDT2
Phase 1 - Architectural Coating	Vendor	—	8.53	HHDT,MHDT
Phase 1 - Architectural Coating	Hauling	0.00	20.0	HHDT
Phase 1 - Architectural Coating	Onsite truck	—	—	HHDT
Phase 1 - Paving & Track	—	—	—	—
Phase 1 - Paving & Track	Worker	20.0	11.4	LDA,LDT1,LDT2
Phase 1 - Paving & Track	Vendor	—	8.53	HHDT,MHDT
Phase 1 - Paving & Track	Hauling	0.00	20.0	HHDT
Phase 1 - Paving & Track	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Phase 1 - Architectural Coating	0.00	0.00	3,009	1,003	137,427

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Phase 1 - Demolition	0.00	0.00	0.00	1,243	—
Phase 1 - Site Preparation	0.00	0.00	4.50	0.00	—
Phase 1 - Grading	0.00	10,554	4.50	0.00	—
Phase 1 - Paving & Track	0.00	0.00	0.00	0.00	4.55

5.6.2. Construction Earthmoving Control Strategies

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

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
High School	0.00	0%
Other Non-Asphalt Surfaces	1.39	0%
Parking Lot	3.15	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2025	0.00	204	0.03	< 0.005
2026	0.00	204	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
High School	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	3,009	1,003	11,888

5.10.3. Landscape Equipment

Equipment Type	Fuel Type	Number Per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Lawn Mowers	Gasoline 4-Stroke	0.29	0.57	209	3.86	0.36

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

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

High School	9,616	204	0.0330	0.0040	90,563
Other Non-Asphalt Surfaces	0.00	204	0.0330	0.0040	0.00
Parking Lot	120,386	204	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
High School	66,609	8,075,322
Other Non-Asphalt Surfaces	0.00	0.00
Parking Lot	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
High School	2.61	—
Other Non-Asphalt Surfaces	0.00	—
Parking Lot	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
High School	Household refrigerators and/or freezers	R-134a	1,430	0.02	0.60	0.00	1.00
High School	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0

High School	Stand-alone retail refrigerators and freezers	R-134a	1,430	< 0.005	1.00	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	31.2	annual days of extreme heat
Extreme Precipitation	0.25	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	4	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	0	0	0	N/A
Drought	0	0	0	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	4	1	1	4
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	1	1	1	2
Drought	1	1	1	2
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

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

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	78.2
AQ-PM	86.6
AQ-DPM	16.6
Drinking Water	68.4
Lead Risk Housing	67.6
Pesticides	89.2
Toxic Releases	30.7
Traffic	2.14
Effect Indicators	—
CleanUp Sites	61.4
Groundwater	96.1
Haz Waste Facilities/Generators	16.6
Impaired Water Bodies	33.2
Solid Waste	52.9
Sensitive Population	—
Asthma	78.2
Cardio-vascular	93.2
Low Birth Weights	52.8
Socioeconomic Factor Indicators	—

Education	90.4
Housing	44.5
Linguistic	89.0
Poverty	91.5
Unemployment	45.8

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	11.33068138
Employed	15.8475555
Median HI	29.96278712
Education	—
Bachelor's or higher	12.06210702
High school enrollment	100
Preschool enrollment	33.82522777
Transportation	—
Auto Access	48.80020531
Active commuting	25.21493648
Social	—
2-parent households	86.23123316
Voting	19.18388297
Neighborhood	—
Alcohol availability	58.30873861
Park access	2.194276915
Retail density	4.606698319
Supermarket access	33.22212242

Tree canopy	1.668163737
Housing	—
Homeownership	44.41165148
Housing habitability	34.36417298
Low-inc homeowner severe housing cost burden	80.57230848
Low-inc renter severe housing cost burden	81.47055049
Uncrowded housing	6.108045682
Health Outcomes	—
Insured adults	8.815603747
Arthritis	0.0
Asthma ER Admissions	27.5
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	32.4
Cognitively Disabled	91.4
Physically Disabled	33.4
Heart Attack ER Admissions	8.2
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—

Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	2.5
Elderly	57.3
English Speaking	23.7
Foreign-born	66.9
Outdoor Workers	3.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	92.5
Traffic Density	1.7
Traffic Access	0.0
Other Indices	—
Hardship	92.5
Other Decision Support	—
2016 Voting	19.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	88.0
Healthy Places Index Score for Project Location (b)	16.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	—
Construction: Construction Phases	Added timeframes for project phasing.
Construction: Dust From Material Movement	Input area of grading for total acres graded.
Construction: Trips and VMT	Soil export distance reduced to 0.1 mile since soil will be disposed on-site.
Construction: Off-Road Equipment	Adjusted Crane operating hours from 7hrs/day to 1hr/day. Crane operation expected to occur 7hr/day for a portion of the building phase timeline, not the entire building phase.
Operations: Vehicle Data	Zeroed out weekday, Saturday, and Sunday since project would remodel existing stadium and not expand capacity or use.
Operations: Refrigerants	Delete walk-in refrigerator and freezer since they are not included in the project design.
Construction: Architectural Coatings	Input area of parking lot and athletic track for Parking area for architectural coating emission calculations.

Appendix A.2: Phase 2 CalEEMod Emission Modeling

Riverdale HS Athletic Facilities - Phase 2 Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Riverdale HS Athletic Facilities - Phase 2
Construction Start Date	7/1/2025
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.50
Precipitation (days)	20.0
Location	36.4348538536434, -119.85582584339924
County	Fresno
City	Unincorporated
Air District	San Joaquin Valley APCD
Air Basin	San Joaquin Valley
TAZ	2521
EDFZ	5
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Southern California Gas
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
City Park	5.98	Acre	5.98	0.00	260,489	260,489	—	New playfields.

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unmit.	3.22	29.2	29.6	0.05	9.05	5.12	5,471
Average Daily (Max)	—	—	—	—	—	—	—
Unmit.	0.43	3.80	4.10	0.01	0.75	0.43	738
Annual (Max)	—	—	—	—	—	—	—
Unmit.	0.08	0.69	0.75	< 0.005	0.14	0.08	122

2.2. Construction Emissions by Year, Unmitigated

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

Year	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—
2026	3.22	29.2	29.6	0.05	9.05	5.12	5,471
Daily - Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
2026	0.43	3.80	4.10	0.01	0.75	0.43	738
Annual	—	—	—	—	—	—	—
2026	0.08	0.69	0.75	< 0.005	0.14	0.08	122

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unmit.	0.21	0.06	0.62	< 0.005	0.11	0.03	146
Daily, Winter (Max)	—	—	—	—	—	—	—
Unmit.	0.20	0.07	0.53	< 0.005	0.11	0.03	135
Average Daily (Max)	—	—	—	—	—	—	—
Unmit.	0.18	0.03	0.35	< 0.005	0.06	0.01	78.3
Annual (Max)	—	—	—	—	—	—	—
Unmit.	0.03	0.01	0.06	< 0.005	0.01	< 0.005	13.0

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Mobile	0.05	0.06	0.49	< 0.005	0.11	0.03	134
Area	0.15	< 0.005	0.13	< 0.005	< 0.005	< 0.005	0.35
Energy	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water	—	—	—	—	—	—	10.9
Waste	—	—	—	—	—	—	0.97
Refrig.	—	—	—	—	—	—	0.00
Total	0.21	0.06	0.62	< 0.005	0.11	0.03	146
Daily, Winter (Max)	—	—	—	—	—	—	—
Mobile	0.05	0.06	0.40	< 0.005	0.11	0.03	123
Area	0.15	< 0.005	0.13	< 0.005	< 0.005	< 0.005	0.35
Energy	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water	—	—	—	—	—	—	10.9
Waste	—	—	—	—	—	—	0.97
Refrig.	—	—	—	—	—	—	0.00

Total	0.20	0.07	0.53	< 0.005	0.11	0.03	135
Average Daily	—	—	—	—	—	—	—
Mobile	0.02	0.03	0.22	< 0.005	0.06	0.01	66.1
Area	0.15	< 0.005	0.13	< 0.005	< 0.005	< 0.005	0.35
Energy	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water	—	—	—	—	—	—	10.9
Waste	—	—	—	—	—	—	0.97
Refrig.	—	—	—	—	—	—	0.00
Total	0.18	0.03	0.35	< 0.005	0.06	0.01	78.3
Annual	—	—	—	—	—	—	—
Mobile	< 0.005	0.01	0.04	< 0.005	0.01	< 0.005	11.0
Area	0.03	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.06
Energy	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water	—	—	—	—	—	—	1.80
Waste	—	—	—	—	—	—	0.16
Refrig.	—	—	—	—	—	—	0.00
Total	0.03	0.01	0.06	< 0.005	0.01	< 0.005	13.0

3. Construction Emissions Details

3.1. Phase 2 - Demolition (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	2.29	20.7	19.0	0.03	0.84	0.78	3,438
Demolition	—	—	—	—	0.17	0.03	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.13	1.13	1.04	< 0.005	0.05	0.04	188
Demolition	—	—	—	—	0.01	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.21	0.19	< 0.005	0.01	0.01	31.2
Demolition	—	—	—	—	< 0.005	< 0.005	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.06	0.04	0.70	0.00	0.12	0.03	133
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.25	0.06	< 0.005	0.06	0.02	219
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.03	0.00	0.01	< 0.005	6.68
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	12.0
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	< 0.005	< 0.005	1.11
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	1.99

3.3. Phase 2 - Site Preparation (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	3.14	29.2	28.8	0.05	1.24	1.14	5,316
Dust From Material Movement	—	—	—	—	7.67	3.94	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.80	0.79	< 0.005	0.03	0.03	146
Dust From Material Movement	—	—	—	—	0.21	0.11	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.15	0.14	< 0.005	0.01	0.01	24.1
Dust From Material Movement	—	—	—	—	0.04	0.02	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.07	0.05	0.82	0.00	0.14	0.03	155
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	< 0.005	< 0.005	3.89
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.64
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Phase 2 - Grading (2026) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	1.65	15.0	17.4	0.03	0.65	0.59	2,970
Dust From Material Movement	—	—	—	—	2.76	1.34	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.20	1.85	2.15	< 0.005	0.08	0.07	366
Dust From Material Movement	—	—	—	—	0.34	0.16	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	0.04	0.34	0.39	< 0.005	0.01	0.01	60.6
Dust From Material Movement	—	—	—	—	0.06	0.03	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.06	0.04	0.70	0.00	0.12	0.03	133
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—

Worker	0.01	0.01	0.07	0.00	0.01	< 0.005	15.0
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	< 0.005	< 0.005	2.49
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
City Park	0.05	0.06	0.49	< 0.005	0.11	0.03	134
Total	0.05	0.06	0.49	< 0.005	0.11	0.03	134
Daily, Winter (Max)	—	—	—	—	—	—	—
City Park	0.05	0.06	0.40	< 0.005	0.11	0.03	123
Total	0.05	0.06	0.40	< 0.005	0.11	0.03	123
Annual	—	—	—	—	—	—	—
City Park	< 0.005	0.01	0.04	< 0.005	0.01	< 0.005	11.0
Total	< 0.005	0.01	0.04	< 0.005	0.01	< 0.005	11.0

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	0.00
Annual	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	0.00

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
City Park	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Consumer Products	0.15	—	—	—	—	—	—
Architectural Coatings	0.00	—	—	—	—	—	—
Landscape Equipment	0.01	< 0.005	0.13	< 0.005	< 0.005	< 0.005	0.35
Total	0.15	< 0.005	0.13	< 0.005	< 0.005	< 0.005	0.35
Daily, Winter (Max)	—	—	—	—	—	—	—
Consumer Products	0.15	—	—	—	—	—	—
Architectural Coatings	0.00	—	—	—	—	—	—
Landscape Equipment	0.01	< 0.005	0.13	< 0.005	< 0.005	< 0.005	0.35
Total	0.15	< 0.005	0.13	< 0.005	< 0.005	< 0.005	0.35
Annual	—	—	—	—	—	—	—
Consumer Products	0.03	—	—	—	—	—	—
Architectural Coatings	0.00	—	—	—	—	—	—
Landscape Equipment	< 0.005	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.06
Total	0.03	< 0.005	0.02	< 0.005	< 0.005	< 0.005	0.06

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	10.9
Total	—	—	—	—	—	—	10.9
Daily, Winter (Max)	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	10.9

Total	—	—	—	—	—	—	10.9
Annual	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	1.80
Total	—	—	—	—	—	—	1.80

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	0.97
Total	—	—	—	—	—	—	0.97
Daily, Winter (Max)	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	0.97
Total	—	—	—	—	—	—	0.97
Annual	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	0.16
Total	—	—	—	—	—	—	0.16

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	0.00
Annual	—	—	—	—	—	—	—
City Park	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	0.00

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

Vegetation	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

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

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Phase 2 - Demolition	Demolition	6/1/2026	6/26/2026	5.00	20.0	—
Phase 2 - Site Preparation	Site Preparation	6/27/2026	7/10/2026	5.00	10.0	—
Phase 2 - Grading	Grading	7/13/2026	9/11/2026	5.00	45.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 2 - Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Phase 2 - Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Phase 2 - Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Phase 2 - Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	4.00	8.00	84.0	0.37

Phase 2 - Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Phase 2 - Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Phase 2 - Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Phase 2 - Grading	Tractors/Loaders/Backhoes	Diesel	Average	3.00	8.00	84.0	0.37
Phase 2 - Grading	Excavators	Diesel	Average	1.00	8.00	36.0	0.38

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 2 - Demolition	—	—	—	—
Phase 2 - Demolition	Worker	15.0	11.4	LDA,LDT1,LDT2
Phase 2 - Demolition	Vendor	—	8.53	HHDT,MHDT
Phase 2 - Demolition	Hauling	3.05	20.0	HHDT
Phase 2 - Demolition	Onsite truck	—	—	HHDT
Phase 2 - Site Preparation	—	—	—	—
Phase 2 - Site Preparation	Worker	17.5	11.4	LDA,LDT1,LDT2
Phase 2 - Site Preparation	Vendor	—	8.53	HHDT,MHDT
Phase 2 - Site Preparation	Hauling	0.00	20.0	HHDT
Phase 2 - Site Preparation	Onsite truck	—	—	HHDT
Phase 2 - Grading	—	—	—	—
Phase 2 - Grading	Worker	15.0	11.4	LDA,LDT1,LDT2
Phase 2 - Grading	Vendor	—	8.53	HHDT,MHDT
Phase 2 - Grading	Hauling	0.00	20.0	HHDT
Phase 2 - Grading	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (Building Square Footage)	Acres Paved (acres)
Phase 2 - Demolition	0.00	0.00	0.00	5,277	—
Phase 2 - Site Preparation	0.00	0.00	10.6	0.00	—
Phase 2 - Grading	0.00	0.00	10.6	0.00	—

5.6.2. Construction Earthmoving Control Strategies

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

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
City Park	0.00	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00	204	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
City Park	4.66	11.7	13.1	2,510	54.9	138	154	29,537

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	0.00	0.00	—

5.10.3. Landscape Equipment

Equipment Type	Fuel Type	Number Per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Lawn Mowers	Gasoline 4-Stroke	0.29	0.57	209	3.86	0.36

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
City Park	0.00	204	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
City Park	0.00	7,946,188

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
City Park	0.51	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
City Park	Other commercial A/C and heat pumps	R-410A	2,088	< 0.005	4.00	4.00	18.0
City Park	Stand-alone retail refrigerators and freezers	R-134a	1,430	0.04	1.00	0.00	1.00

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	31.2	annual days of extreme heat
Extreme Precipitation	0.25	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	4	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	0	0	0	N/A
Drought	0	0	0	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	4	1	1	4
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	1	1	1	2
Drought	1	1	1	2
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	78.2

AQ-PM	86.6
AQ-DPM	16.6
Drinking Water	68.4
Lead Risk Housing	67.6
Pesticides	89.2
Toxic Releases	30.7
Traffic	2.14
Effect Indicators	—
CleanUp Sites	61.4
Groundwater	96.1
Haz Waste Facilities/Generators	16.6
Impaired Water Bodies	33.2
Solid Waste	52.9
Sensitive Population	—
Asthma	78.2
Cardio-vascular	93.2
Low Birth Weights	52.8
Socioeconomic Factor Indicators	—
Education	90.4
Housing	44.5
Linguistic	89.0
Poverty	91.5
Unemployment	45.8

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—

Above Poverty	11.33068138
Employed	15.8475555
Median HI	29.96278712
Education	—
Bachelor's or higher	12.06210702
High school enrollment	100
Preschool enrollment	33.82522777
Transportation	—
Auto Access	48.80020531
Active commuting	25.21493648
Social	—
2-parent households	86.23123316
Voting	19.18388297
Neighborhood	—
Alcohol availability	58.30873861
Park access	2.194276915
Retail density	4.606698319
Supermarket access	33.22212242
Tree canopy	1.668163737
Housing	—
Homeownership	44.41165148
Housing habitability	34.36417298
Low-inc homeowner severe housing cost burden	80.57230848
Low-inc renter severe housing cost burden	81.47055049
Uncrowded housing	6.108045682
Health Outcomes	—
Insured adults	8.815603747
Arthritis	0.0

Asthma ER Admissions	27.5
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	32.4
Cognitively Disabled	91.4
Physically Disabled	33.4
Heart Attack ER Admissions	8.2
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	2.5
Elderly	57.3
English Speaking	23.7
Foreign-born	66.9

Outdoor Workers	3.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	92.5
Traffic Density	1.7
Traffic Access	0.0
Other Indices	—
Hardship	92.5
Other Decision Support	—
2016 Voting	19.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	88.0
Healthy Places Index Score for Project Location (b)	16.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Adjusted Size to represent Educational Space, Lot Acreage to represent building footprint, and Building Square Feet to represent total building square footage.
Construction: Construction Phases	Adjusted timeframes for project phasing.
Construction: Dust From Material Movement	Total Acres Graded adjusted to match total acreage disturbed for all phases.
Construction: Trips and VMT	Zeroed Worker and Vendor trips to 0, per SJVAPCD guidance.
Construction: Off-Road Equipment	Adjusted Crane operating hours from 7hrs/day to 1hr/day. Crane operation expected to occur 7hr/day for a portion of the building phase timeline, not the entire building phase.

Appendix A.3: Phase 3 CalEEMod Emission Modeling

Riverdale HS Athletic Facilities - Phase 3 Detailed Report

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5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	Riverdale HS Athletic Facilities - Phase 3
Construction Start Date	7/1/2025
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	3.50
Precipitation (days)	20.0
Location	36.4348538536434, -119.85582584339924
County	Fresno
City	Unincorporated
Air District	San Joaquin Valley APCD
Air Basin	San Joaquin Valley
TAZ	2521
EDFZ	5
Electric Utility	Pacific Gas & Electric Company
Gas Utility	Southern California Gas
App Version	2022.1.1.29

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
High School	19.1	1000sqft	0.44	19,140	32,710	32,710	—	Buildings and Landscaping.

Parking Lot	74.0	Space	0.67	0.00	0.00	—	—	New parking spaces on Hazel Ave.
Other Asphalt Surfaces	0.30	Acre	0.30	0.00	0.00	—	—	New Roadway minus parking spaces.
Other Non-Asphalt Surfaces	20.2	1000sqft	0.46	0.00	0.00	—	—	Concrete hardscape

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unmit.	13.4	12.2	14.3	0.02	3.38	1.85	2,550
Daily, Winter (Max)	—	—	—	—	—	—	—
Unmit.	0.77	6.33	8.30	0.01	0.27	0.19	1,332
Average Daily (Max)	—	—	—	—	—	—	—
Unmit.	0.47	3.12	3.97	0.01	0.33	0.19	656
Annual (Max)	—	—	—	—	—	—	—
Unmit.	0.09	0.57	0.72	< 0.005	0.06	0.04	109

2.2. Construction Emissions by Year, Unmitigated

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

Year	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—

2027	1.41	12.2	14.3	0.02	3.38	1.85	2,550
2028	13.4	6.12	8.32	0.01	0.25	0.16	1,337
Daily - Winter (Max)	—	—	—	—	—	—	—
2027	0.77	6.33	8.30	0.01	0.27	0.19	1,332
2028	0.74	6.13	8.24	0.01	0.24	0.16	1,329
Average Daily	—	—	—	—	—	—	—
2027	0.38	3.12	3.97	0.01	0.33	0.19	656
2028	0.47	1.43	1.96	< 0.005	0.06	0.04	314
Annual	—	—	—	—	—	—	—
2027	0.07	0.57	0.72	< 0.005	0.06	0.04	109
2028	0.09	0.26	0.36	< 0.005	0.01	0.01	52.1

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Unmit.	0.59	0.24	1.03	< 0.005	0.02	0.02	402
Daily, Winter (Max)	—	—	—	—	—	—	—
Unmit.	0.46	0.23	0.19	< 0.005	0.02	0.02	399
Average Daily (Max)	—	—	—	—	—	—	—
Unmit.	0.52	0.24	0.61	< 0.005	0.02	0.02	400
Annual (Max)	—	—	—	—	—	—	—
Unmit.	0.10	0.04	0.11	< 0.005	< 0.005	< 0.005	66.3

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—

Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.58	0.01	0.83	< 0.005	< 0.005	< 0.005	3.44
Energy	0.01	0.23	0.19	< 0.005	0.02	0.02	344
Water	—	—	—	—	—	—	8.00
Waste	—	—	—	—	—	—	46.9
Refrig.	—	—	—	—	—	—	0.05
Total	0.59	0.24	1.03	< 0.005	0.02	0.02	402
Daily, Winter (Max)	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.44	—	—	—	—	—	—
Energy	0.01	0.23	0.19	< 0.005	0.02	0.02	344
Water	—	—	—	—	—	—	8.00
Waste	—	—	—	—	—	—	46.9
Refrig.	—	—	—	—	—	—	0.05
Total	0.46	0.23	0.19	< 0.005	0.02	0.02	399
Average Daily	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.51	< 0.005	0.41	< 0.005	< 0.005	< 0.005	1.69
Energy	0.01	0.23	0.19	< 0.005	0.02	0.02	344
Water	—	—	—	—	—	—	8.00
Waste	—	—	—	—	—	—	46.9
Refrig.	—	—	—	—	—	—	0.05
Total	0.52	0.24	0.61	< 0.005	0.02	0.02	400
Annual	—	—	—	—	—	—	—
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Area	0.09	< 0.005	0.07	< 0.005	< 0.005	< 0.005	0.28
Energy	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	56.9
Water	—	—	—	—	—	—	1.32

Waste	—	—	—	—	—	—	7.77
Refrig.	—	—	—	—	—	—	0.01
Total	0.10	0.04	0.11	< 0.005	< 0.005	< 0.005	66.3

3. Construction Emissions Details

3.1. Phase 3 - Site Preparation (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	1.19	10.4	11.6	0.02	0.47	0.43	2,072
Dust From Material Movement	—	—	—	—	2.44	1.17	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.29	0.32	< 0.005	0.01	0.01	56.8
Dust From Material Movement	—	—	—	—	0.07	0.03	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.05	0.06	< 0.005	< 0.005	< 0.005	9.40
Dust From Material Movement	—	—	—	—	0.01	0.01	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.03	0.02	0.33	0.00	0.06	0.01	64.9

Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	< 0.005	< 0.005	1.63
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.27
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.3. Phase 3 - Grading (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	1.37	12.2	13.9	0.02	0.54	0.50	2,464
Dust From Material Movement	—	—	—	—	2.76	1.34	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.53	0.61	< 0.005	0.02	0.02	108
Dust From Material Movement	—	—	—	—	0.12	0.06	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.10	0.11	< 0.005	< 0.005	< 0.005	17.9

Dust From Material Movement	—	—	—	—	0.02	0.01	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.04	0.02	0.43	0.00	0.08	0.02	86.6
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	< 0.005	< 0.005	3.49
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.58
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.5. Phase 3 - Building Construction (2027) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	0.74	6.20	8.00	0.01	0.18	0.16	1,186
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	0.74	6.20	8.00	0.01	0.18	0.16	1,186
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.27	2.26	2.91	< 0.005	0.06	0.06	432
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.41	0.53	< 0.005	0.01	0.01	71.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.03	0.02	0.35	0.00	0.06	0.02	69.6
Vendor	< 0.005	0.10	0.03	< 0.005	0.02	0.01	84.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Worker	0.03	0.02	0.26	0.00	0.06	0.02	61.7
Vendor	< 0.005	0.10	0.04	< 0.005	0.02	0.01	84.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—
Worker	0.01	0.01	0.10	0.00	0.02	0.01	23.3
Vendor	< 0.005	0.04	0.01	< 0.005	0.01	< 0.005	30.7
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.02	0.00	< 0.005	< 0.005	3.85
Vendor	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	5.08
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.7. Phase 3 - Building Construction (2028) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—

Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	0.71	6.01	7.97	0.01	0.15	0.14	1,186
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Off-Road Equipment	0.71	6.01	7.97	0.01	0.15	0.14	1,186
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.15	1.27	1.68	< 0.005	0.03	0.03	251
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	0.03	0.23	0.31	< 0.005	0.01	0.01	41.5
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.03	0.02	0.32	0.00	0.06	0.02	68.3
Vendor	< 0.005	0.09	0.03	< 0.005	0.02	0.01	82.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Worker	0.02	0.02	0.24	0.00	0.06	0.02	60.5
Vendor	< 0.005	0.10	0.03	< 0.005	0.02	0.01	82.3
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Average Daily	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.05	0.00	0.01	< 0.005	13.2
Vendor	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	17.4
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	< 0.005	< 0.005	2.19
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	2.88

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.9. Phase 3 - Paving (2028) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	0.43	4.13	6.47	0.01	0.15	0.13	995
Paving	0.25	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.11	0.18	< 0.005	< 0.005	< 0.005	27.3
Paving	0.01	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.03	< 0.005	< 0.005	< 0.005	4.51
Paving	< 0.005	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.04	0.03	0.50	0.00	0.10	0.02	106
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	0.01	0.00	< 0.005	< 0.005	2.67
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.44
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.11. Phase 3 - Architectural Coating (2028) - Unmitigated

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

Location	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Onsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Off-Road Equipment	0.11	0.81	1.12	< 0.005	0.02	0.01	134
Architectural Coatings	13.3	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	2.94
Architectural Coatings	0.29	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	0.49
Architectural Coatings	0.05	—	—	—	—	—	—
Onsite truck	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Offsite	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—
Worker	0.01	< 0.005	0.06	0.00	0.01	< 0.005	13.7
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—
Average Daily	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.27
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.05
Vendor	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hauling	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
High School	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—
High School	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Annual	—	—	—	—	—	—	—
High School	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	51.8
Parking Lot	—	—	—	—	—	—	14.3
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	66.1
Daily, Winter (Max)	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	51.8
Parking Lot	—	—	—	—	—	—	14.3

Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	66.1
Annual	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	8.57
Parking Lot	—	—	—	—	—	—	2.37
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	10.9

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
High School	0.01	0.23	0.19	< 0.005	0.02	0.02	278
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.01	0.23	0.19	< 0.005	0.02	0.02	278
Daily, Winter (Max)	—	—	—	—	—	—	—
High School	0.01	0.23	0.19	< 0.005	0.02	0.02	278
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	0.01	0.23	0.19	< 0.005	0.02	0.02	278
Annual	—	—	—	—	—	—	—
High School	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	46.0
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Total	< 0.005	0.04	0.04	< 0.005	< 0.005	< 0.005	46.0

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Consumer Products	0.41	—	—	—	—	—	—
Architectural Coatings	0.03	—	—	—	—	—	—
Landscape Equipment	0.14	0.01	0.83	< 0.005	< 0.005	< 0.005	3.44
Total	0.58	0.01	0.83	< 0.005	< 0.005	< 0.005	3.44
Daily, Winter (Max)	—	—	—	—	—	—	—
Consumer Products	0.41	—	—	—	—	—	—
Architectural Coatings	0.03	—	—	—	—	—	—
Total	0.44	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Consumer Products	0.08	—	—	—	—	—	—
Architectural Coatings	0.01	—	—	—	—	—	—

Landscape Equipment	0.01	< 0.005	0.07	< 0.005	< 0.005	< 0.005	0.28
Total	0.09	< 0.005	0.07	< 0.005	< 0.005	< 0.005	0.28

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	8.00
Parking Lot	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	8.00
Daily, Winter (Max)	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	8.00
Parking Lot	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	8.00
Annual	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	1.32
Parking Lot	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00

Total	—	—	—	—	—	—	1.32

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	46.9
Parking Lot	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	46.9
Daily, Winter (Max)	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	46.9
Parking Lot	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	46.9
Annual	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	7.77
Parking Lot	—	—	—	—	—	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	0.00
Other Non-Asphalt Surfaces	—	—	—	—	—	—	0.00
Total	—	—	—	—	—	—	7.77

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	0.05
Total	—	—	—	—	—	—	0.05
Daily, Winter (Max)	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	0.05
Total	—	—	—	—	—	—	0.05
Annual	—	—	—	—	—	—	—
High School	—	—	—	—	—	—	0.01
Total	—	—	—	—	—	—	0.01

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

Equipment Type	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

Vegetation	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—

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

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

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

Land Use	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	ROG	NOx	CO	SO2	PM10T	PM2.5T	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—

Avoided	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Phase 3 - Site Preparation	Site Preparation	5/24/2027	6/4/2027	5.00	10.0	Site preperation
Phase 3 - Grading	Grading	6/7/2027	6/28/2027	5.00	16.0	Grading
Phase 3 - Building Construction	Building Construction	6/29/2027	4/17/2028	5.00	210	Building construction
Phase 3 - Paving	Paving	4/18/2028	5/1/2028	5.00	10.0	Paving
Phase 3 - Architectural Coating	Architectural Coating	5/2/2028	5/11/2028	5.00	8.00	Road & Building Painting

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Phase 3 - Site Preparation	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37
Phase 3 - Site Preparation	Rubber Tired Dozers	Diesel	Average	1.00	7.00	367	0.40
Phase 3 - Site Preparation	Graders	Diesel	Average	1.00	8.00	148	0.41
Phase 3 - Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Phase 3 - Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Phase 3 - Grading	Tractors/Loaders/Backhoes	Diesel	Average	2.00	7.00	84.0	0.37
Phase 3 - Building Construction	Cranes	Diesel	Average	1.00	1.00	367	0.29
Phase 3 - Building Construction	Forklifts	Diesel	Average	1.00	6.00	82.0	0.20
Phase 3 - Building Construction	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Phase 3 - Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	1.00	6.00	84.0	0.37
Phase 3 - Building Construction	Welders	Diesel	Average	3.00	8.00	46.0	0.45
Phase 3 - Paving	Pavers	Diesel	Average	1.00	6.00	81.0	0.42
Phase 3 - Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Phase 3 - Paving	Rollers	Diesel	Average	1.00	7.00	36.0	0.38
Phase 3 - Paving	Cement and Mortar Mixers	Diesel	Average	1.00	6.00	10.0	0.56
Phase 3 - Paving	Tractors/Loaders/Backhoes	Diesel	Average	1.00	8.00	84.0	0.37

Phase 3 - Architectural Coating	Air Compressors	Diesel	Average	1.00	6.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Phase 3 - Paving	—	—	—	—
Phase 3 - Paving	Worker	12.5	11.4	LDA,LDT1,LDT2
Phase 3 - Paving	Vendor	—	8.53	HHDT,MHDT
Phase 3 - Paving	Hauling	0.00	20.0	HHDT
Phase 3 - Paving	Onsite truck	—	—	HHDT
Phase 3 - Site Preparation	—	—	—	—
Phase 3 - Site Preparation	Worker	7.50	11.4	LDA,LDT1,LDT2
Phase 3 - Site Preparation	Vendor	—	8.53	HHDT,MHDT
Phase 3 - Site Preparation	Hauling	0.00	20.0	HHDT
Phase 3 - Site Preparation	Onsite truck	—	—	HHDT
Phase 3 - Grading	—	—	—	—
Phase 3 - Grading	Worker	10.0	11.4	LDA,LDT1,LDT2
Phase 3 - Grading	Vendor	—	8.53	HHDT,MHDT
Phase 3 - Grading	Hauling	0.00	20.0	HHDT
Phase 3 - Grading	Onsite truck	—	—	HHDT
Phase 3 - Building Construction	—	—	—	—
Phase 3 - Building Construction	Worker	8.04	11.4	LDA,LDT1,LDT2
Phase 3 - Building Construction	Vendor	3.14	8.53	HHDT,MHDT
Phase 3 - Building Construction	Hauling	0.00	20.0	HHDT
Phase 3 - Building Construction	Onsite truck	—	—	HHDT
Phase 3 - Architectural Coating	—	—	—	—
Phase 3 - Architectural Coating	Worker	1.61	11.4	LDA,LDT1,LDT2

Phase 3 - Architectural Coating	Vendor	—	8.53	HHDT,MHDT
Phase 3 - Architectural Coating	Hauling	0.00	20.0	HHDT
Phase 3 - Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Phase 3 - Architectural Coating	0.00	0.00	28,710	9,570	3,736

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (Cubic Yards)	Material Exported (Cubic Yards)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Phase 3 - Site Preparation	0.00	0.00	9.38	0.00	—
Phase 3 - Grading	0.00	0.00	16.0	0.00	—
Phase 3 - Paving	0.00	0.00	0.00	0.00	1.43

5.6.2. Construction Earthmoving Control Strategies

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

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
High School	0.00	0%
Parking Lot	0.67	100%
Other Asphalt Surfaces	0.30	100%
Other Non-Asphalt Surfaces	0.46	0%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2027	0.00	204	0.03	< 0.005
2028	0.00	204	0.03	< 0.005

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
High School	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	28,710	9,570	3,736

5.10.3. Landscape Equipment

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

5.11. Operational Energy Consumption

5.11.1. Unmitigated

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

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
High School	91,752	204	0.0330	0.0040	864,099
Parking Lot	25,414	204	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	204	0.0330	0.0040	0.00
Other Non-Asphalt Surfaces	0.00	204	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
High School	635,537	997,816
Parking Lot	0.00	0.00

Other Asphalt Surfaces	0.00	0.00
Other Non-Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
High School	24.9	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—
Other Non-Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

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

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

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

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

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

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	31.2	annual days of extreme heat
Extreme Precipitation	0.25	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.
Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters
Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	4	0	0	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	0	0	0	N/A
Drought	0	0	0	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	0	0	0	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	4	1	1	4
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	1	1	1	2
Drought	1	1	1	2
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	1	1	1	2

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.
The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.
The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

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

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	78.2

AQ-PM	86.6
AQ-DPM	16.6
Drinking Water	68.4
Lead Risk Housing	67.6
Pesticides	89.2
Toxic Releases	30.7
Traffic	2.14
Effect Indicators	—
CleanUp Sites	61.4
Groundwater	96.1
Haz Waste Facilities/Generators	16.6
Impaired Water Bodies	33.2
Solid Waste	52.9
Sensitive Population	—
Asthma	78.2
Cardio-vascular	93.2
Low Birth Weights	52.8
Socioeconomic Factor Indicators	—
Education	90.4
Housing	44.5
Linguistic	89.0
Poverty	91.5
Unemployment	45.8

7.2. Healthy Places Index Scores

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

Indicator	Result for Project Census Tract
Economic	—

Above Poverty	11.33068138
Employed	15.8475555
Median HI	29.96278712
Education	—
Bachelor's or higher	12.06210702
High school enrollment	100
Preschool enrollment	33.82522777
Transportation	—
Auto Access	48.80020531
Active commuting	25.21493648
Social	—
2-parent households	86.23123316
Voting	19.18388297
Neighborhood	—
Alcohol availability	58.30873861
Park access	2.194276915
Retail density	4.606698319
Supermarket access	33.22212242
Tree canopy	1.668163737
Housing	—
Homeownership	44.41165148
Housing habitability	34.36417298
Low-inc homeowner severe housing cost burden	80.57230848
Low-inc renter severe housing cost burden	81.47055049
Uncrowded housing	6.108045682
Health Outcomes	—
Insured adults	8.815603747
Arthritis	0.0

Asthma ER Admissions	27.5
High Blood Pressure	0.0
Cancer (excluding skin)	0.0
Asthma	0.0
Coronary Heart Disease	0.0
Chronic Obstructive Pulmonary Disease	0.0
Diagnosed Diabetes	0.0
Life Expectancy at Birth	32.4
Cognitively Disabled	91.4
Physically Disabled	33.4
Heart Attack ER Admissions	8.2
Mental Health Not Good	0.0
Chronic Kidney Disease	0.0
Obesity	0.0
Pedestrian Injuries	19.6
Physical Health Not Good	0.0
Stroke	0.0
Health Risk Behaviors	—
Binge Drinking	0.0
Current Smoker	0.0
No Leisure Time for Physical Activity	0.0
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	2.5
Elderly	57.3
English Speaking	23.7
Foreign-born	66.9

Outdoor Workers	3.2
Climate Change Adaptive Capacity	—
Impervious Surface Cover	92.5
Traffic Density	1.7
Traffic Access	0.0
Other Indices	—
Hardship	92.5
Other Decision Support	—
2016 Voting	19.8

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	88.0
Healthy Places Index Score for Project Location (b)	16.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	Yes
Project Located in a Low-Income Community (Assembly Bill 1550)	Yes
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

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

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Adjusted Size to represent Educational Space, Lot Acreage to represent building footprint, and Building Square Feet to represent total building square footage.
Construction: Construction Phases	Adjusted timeframes for project phasing.
Construction: Dust From Material Movement	Total Acres Graded adjusted to match total acreage disturbed for all phases.
Construction: Trips and VMT	Zeroed Worker and Vendor trips to 0, per SJVAPCD guidance.
Construction: Off-Road Equipment	Adjusted Crane operating hours from 7hrs/day to 1hr/day. Crane operation expected to occur 7hr/day for a portion of the building phase timeline, not the entire building phase.
Operations: Vehicle Data	Zeroed out Weekday, Saturday, and Sunday trip rate since building is a reconstruction of an existing building and will not increase capacity or use.
Operations: Refrigerants	Removed walk-in refrigerator and freezer since project will not include them.

Appendix B: Biological Resources Evaluation

Biological Resources Evaluation

For The Proposed

Riverdale High School Facility Improvements Project

Riverdale, CA

Prepared for:

Riverdale Joint Unified School District

P.O. Box 1058

Riverdale, CA 93656

Prepared: June 2025

Prepared By:

Blair, Church & Flynn Consulting Engineers

451 Clovis Avenue, Suite 200

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Executive Summary

This Biological Resources Evaluation (BRE) report provides the result of a biological survey conducted by Blair, Church & Flynn Consulting Engineers for the Riverdale High School Facilities Improvements project. To comply with the California Environmental Quality Act (CEQA), a biological resource evaluation was conducted to identify the potential presence of biological resources at and near the Project site.

The Project site consists of 21.5 acres of an existing high school campus (mainly athletic facilities), active cropland (wheat), a stormwater basin, an educational ag barn, and associated paved or dirt roads. The Project site is in the community of Riverdale in Fresno County, California. Nearby waterways include irrigation canals and Murphy Slough.

The Riverdale Joint Unified School District (District) proposes renovating the football/soccer and track stadium, reconstructing a parking lot, constructing new community multi-use athletic fields (aka "community fields"), reconstructing the Agriculture Barn Education Facility (Ag Barn), improving a section of S. Hazel Avenue, and expanding an existing campus stormwater basin. Work would be completed in three phases. The exact division of work to be completed in each phase is unknown and would depend on available funding and construction costs.

A literature review was conducted to determine if there were occurrences of any rare or special status species at the project site. Additionally, a biological survey was conducted on February 26, 2025 to observe actual conditions at the site and to determine if there is potential habitat for, or occurrences of, any species identified in the literature review. Potential habitat for special status species were not present at the Project site, nor were any observations made of special status species. However, a pair of common ravens (*Corvus corax*) was observed nesting on a stadium light pole. Mitigation measures were recommended to reduce the impact to these specific nesting birds, nesting birds in general, and any species that may travel through the site during active construction.

1.0 Introduction

The Riverdale Joint Unified School District (District) proposes renovating the football/soccer and track stadium, reconstructing a parking lot, constructing new community multi-use athletic fields (aka "community fields"), reconstructing the Agriculture Barn Education Facility (Ag Barn), improving a section of S. Hazel Avenue, and expanding an existing campus stormwater basin. Work would be completed in three phases. To comply with the California Environmental Quality Act (CEQA), a Biological Resources Evaluation was performed to evaluate the Project site for potential habitat for, or occurrences of any, special status species.

1.1 Project Location

The project site, Riverdale High School, is located at 3086 West Mt. Whitney Avenue, Riverdale, California, on 25.54 acres northeast of the intersection of W. Mt Whitney Avenue and S. Hazel California (APN:053-130-12T and 053-130-82T). Riverdale is a census-designated community in Fresno County.

1.2 Project Description

The project site is located on 21.5 acres northeast of the intersection of W. Mounty Whitney Avenue and S. Hazel Avenue in the Census-designated community of Riverdale (Riverdale), CA, in Fresno County (County), California (APN: 053-130-12T, and 053-130-82T). The Riverdale Joint Unified School District (District) proposes renovating the football/soccer and track stadium, reconstructing a parking lot, constructing new community multi-use athletic fields, reconstructing the Agriculture Barn Education Facility (Ag Barn), and improving a section of S. Hazel Avenue. Work would be completed in three phases. Phase 1 would renovate the existing high school football/soccer and track stadium (7.34 acres), reconstruct a parking lot (1.56 acres), and use a staging/soil fill area (2.08 acres). Phase 2 would construct three new multi-use athletic fields (5.87 acres), improvements to Hazel Ave. (1.08 acres), undergrounding of existing electrical utilities (0.38 acres), demolish the existing Ag Barn building and surrounding campus farm, and expand the campus stormwater basin (1.42 acres). Phase 3 would construct a new Agriculture Education Barn facility (3.34 acres), a small bathroom building, reconstruct S. Hazel Avenue and add a sidewalk and parking on the east side of Hazel Avenue (0.52 acres). Maps identifying the project location and project site are presented in Figures 1 and 2.

1.3 Purpose, Goals, and Objectives for this Report

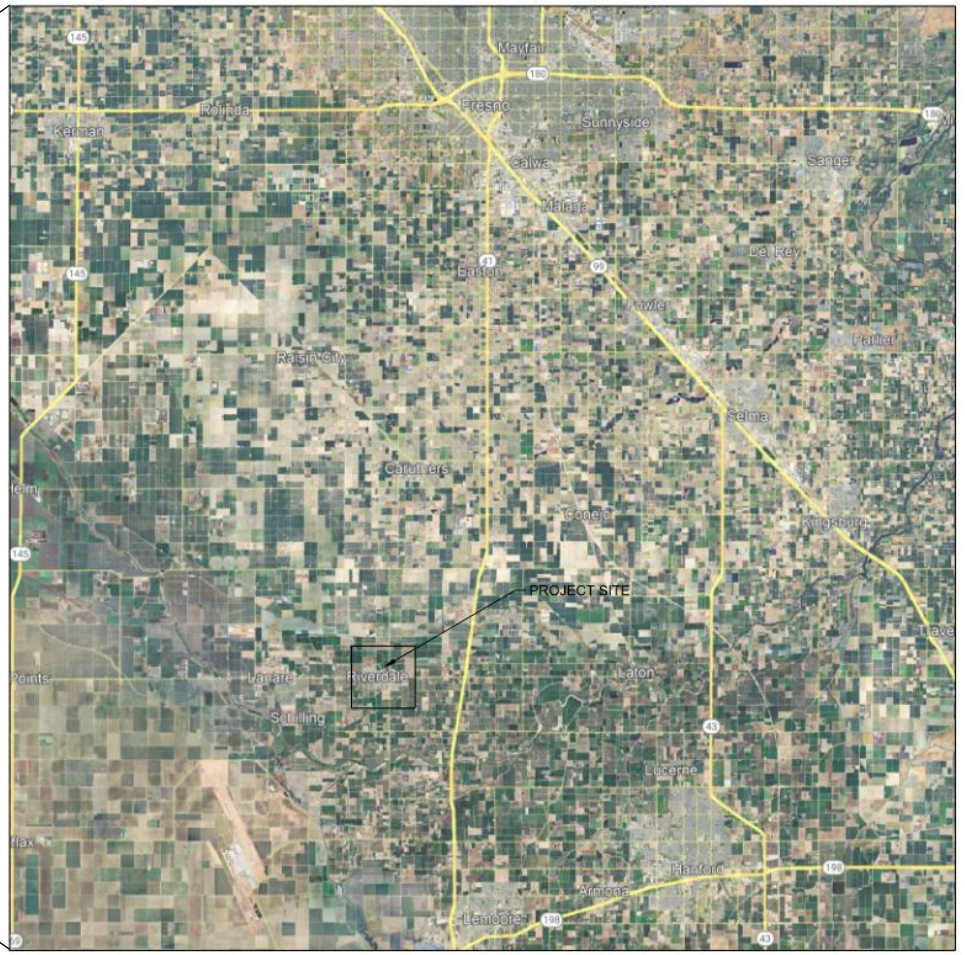
This Biological Resource Evaluation provides information about potential sensitive biological resources including sensitive natural communities, special-status plant and wildlife species, wildlife movement corridors and nursery sites, and wetlands and waters. Information on these topics was obtained by conducting a desktop review of existing databases and literature and then verifying and augmenting those findings by conducting an on-site biological survey.

2.0 Methods

2.1 Definition of Biological Study Area

The Biological Study Area (BSA) is the proposed project location, including potential locations for a proposed stormwater basin expansion. Overall, the BSA is approximately 25.54 acres and is located northeast of the intersection of W. Mt. Whitney Ave. and S. Hazel Ave., in the community of Riverdale, Fresno County, California. Please refer to Figures 1 and 2 showing the BSA's location.

LOCATION MAP
NOT TO SCALE



PROJECT SITE
NOT TO SCALE

FIGURE 1: LOCATION MAPS

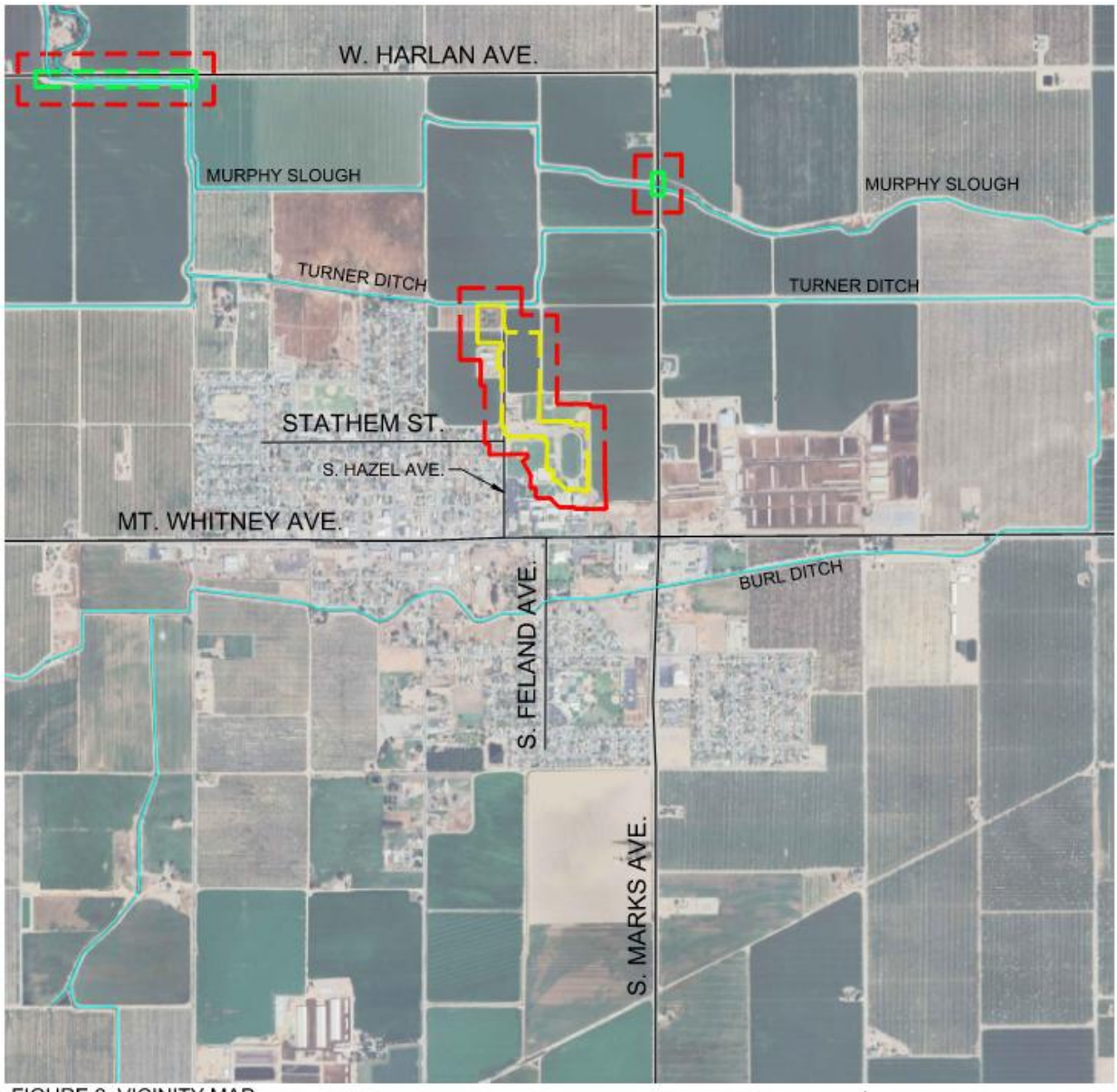


FIGURE 2: VICINITY MAP

VICINITY MAP LEGEND:

- PROJECT SITE BOUNDARY
- OFF-SITE STUDY AREA
- 200' BUFFER

N

VICINITY MAP
NOT TO SCALE

2.2 Literature Review and Database Analysis

The following sources were reviewed to obtain information on sensitive biological resources occurring in the Project vicinity:

- California Department of Fish and Wildlife's (CDFW) California Natural Diversity Database (CNDDB),
- CDFW's Biogeographic Information and Observation System,
- CDFW's Special Animals List,
- California Native Plant Society (CNPS) Inventory of Rare and Endangered Plants of California,
- United States Fish and Wildlife Service (USFWS) Information for Planning and Consultation System,
- USFWS Critical Habitat Mapper,
- USFWS National Wetlands Inventory,
- Federal Emergency Management Agency (FEMA) Flood Zone Maps, and
- Natural Resources Conservation Service (NRCS) Web Soil Survey,

For each of these data sources, the search was focused on the Riverdale USGS 7.5-minute quadrangle in which the Project is located, plus the surrounding eight quadrangles, including Raisin, Caruthers, Conejo, Burrel, Laton, Vanguard, Lemoore, and Hanford. For the California Natural Diversity Database (CNDDB) query, a 5-mile search radius was also used to identify natural communities and special-status species records nearest to the Project.

The CNDDB provides element-specific spatial information on documented occurrences of special-status species and sensitive natural communities. The CNDDB represents data collected during comprehensive surveys for special status resources in the region. As such, the absence of recorded occurrences in these databases at any specific location does not preclude the possibility that a special-status species could be present.

The CDFW Special Animals List and USFWS Information for Planning and Consultation system (IPac) provide no spatial data on wildlife occurrences and provide only lists of species that might potentially be present. Wildlife species designated as "Fully Protected" by California Fish and Game Code Sections 5050 (Fully Protected reptiles and amphibians), 3511 (Fully Protected birds), and 4700 (Fully Protected mammals) are also included on the final list of species that were evaluated.

A review of the National Wetlands Inventory was completed to identify whether wetlands had previously been documented on or adjacent to the project site. Soil data was obtained from the Natural Resource Conservation District, United States Department of Agriculture, climate information was obtained from Weather Underground, and land use information was obtained from available aerial imagery. Information about flood zones was obtained from the Federal Emergency Management Agency, flood zone maps.

The results of the database inquiries were subsequently reviewed to extract pertinent information on site conditions and evaluate the potential for sensitive biological resources to occur within or near the

project site. Only those resources with the potential to be present and affected by the project were included and considered in this document. The potential presence of natural communities and special-status species was based on distributional ranges that overlap with the project site.

2.3 Reconnaissance Level Field Survey

A biological resources reconnaissance survey was performed on February 26, 2025, by Blair, Church & Flynn Environmental Specialist Gabriel Ledesma, and Assistant Environmental Specialist Michelle Reynaud. The survey took place at the Project Site, along the agricultural roads adjacent to the project parcels (to avoid damaging crops), walking through the existing on-site stormwater basin, and walking around the existing parking lot and stadium. Additionally, time was taken to make observations at off-site study areas along Murphy Slough at the S. Marks Ave. crossing and the W. Harlan Ave. crossings. Tasks completed included documenting plant and animal species observed, the state of on-site hydrological features, existing land use, and characterizing habitat conditions. A buffer of approximately 200’ was included in the survey area by using binoculars to observe potential nesting habitat outside the BSA (see Figures 2, 3, and 4 for locations of study areas and buffers). Photographs were taken during the survey and are presented within the Biological Resources Report. The off-site study areas were included because Murphy Slough, a nearby waterway, may provide habitat for migratory birds that visit the Project Site.

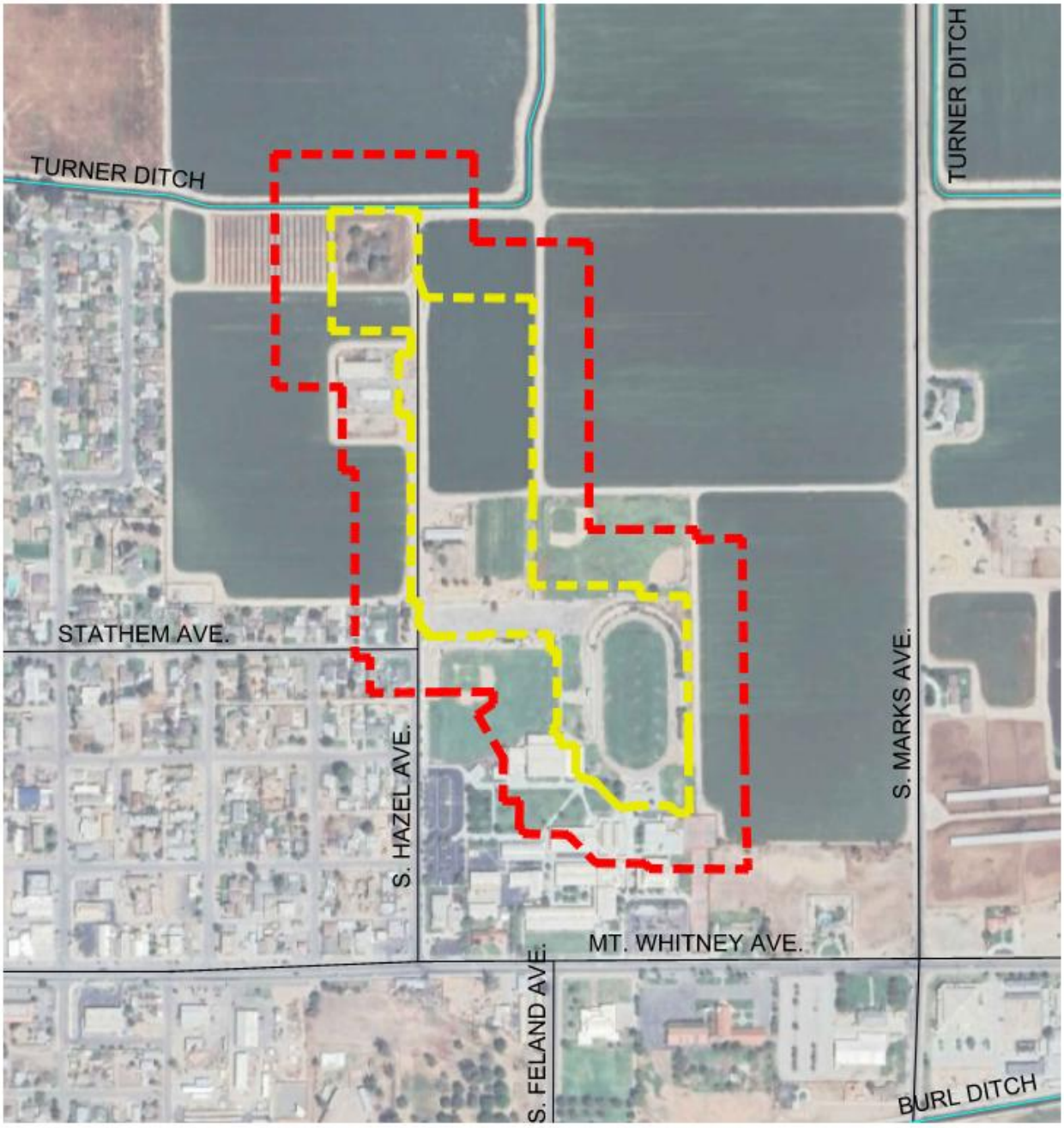


FIGURE 3: STUDY AREA - SCHOOL SITE

MAP LEGEND:

PROJECT SITE BOUNDARY

200' BUFFER

N

0 100 250 500 1000

SCALE IN FEET

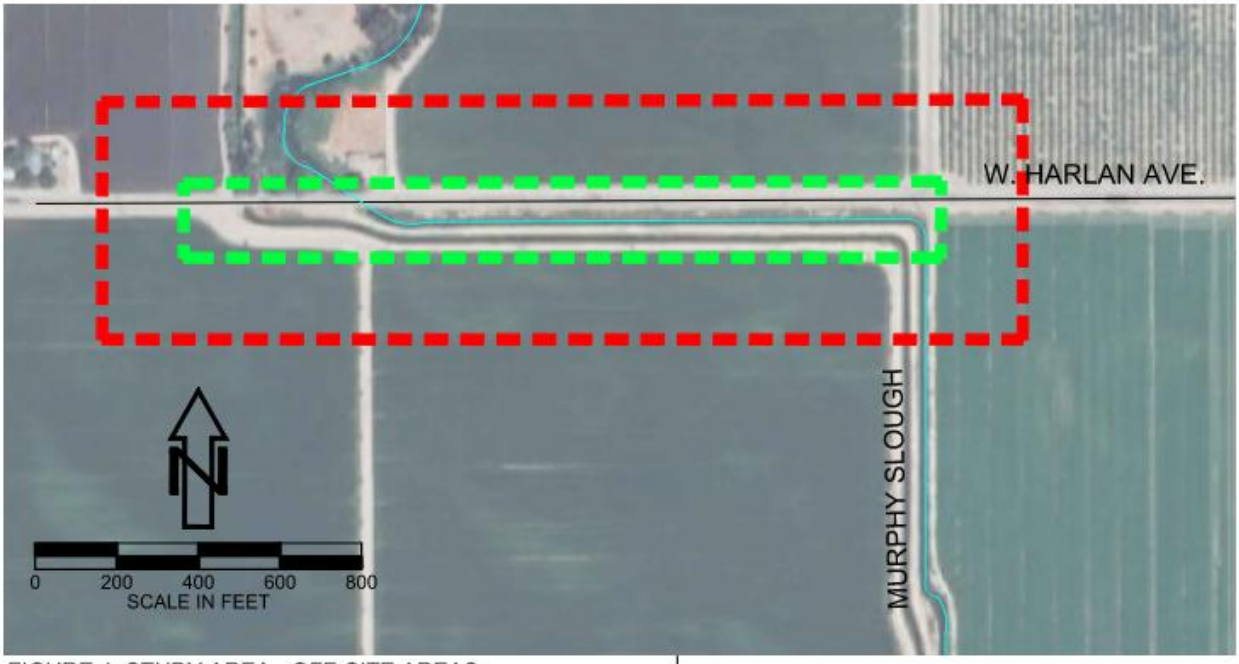


FIGURE 4: STUDY AREA - OFF-SITE AREAS

MAP LEGEND:

OFF-SITE STUDY AREA

200' BUFFER

3.0 Environmental Setting

This section describes the existing environmental setting of the proposed project. As stated in Section 1.1 Project Location, the proposed project site is located within the interior of the existing Riverdale High School campus in an area currently occupied by athletic facilities (a football field and running track) and other school facilities. The area surrounding the project site consists of single-family residential and commercial development, a church, and agricultural fields.

3.1 Topography

The project site occurs on flat terrain at an approximate elevation of 220 feet above mean sea level.

3.2 Climate

The climatic conditions of the project are typical of the central San Joaquin Valley, consisting of hot, dry summers and mild, wet winters, characteristic of a Mediterranean climate. The local meteorology of the area is represented by measurements recorded by the National Weather Service. The monthly average temperatures recorded between 1991 and 2020 range from 54°F **(**Fahrenheit) in January to 83°F in August. The annual average temperature is 65°F. December, January, and February typically are the coldest months in this area. Annual rainfall in the project area occurs mostly between December and March, with an average of approximately 10.9 inches per year (National Oceanic and Atmospheric Administration, 2025).

3.3 Land Use

Riverdale High School, the proposed project site, is within the unincorporated community of Riverdale, California. The land use within the BSA consists of an existing high school and athletic fields, a stormwater retention basin, and agricultural fields. The land use around the campus is typical of a rural/urban landscape. It is bounded by residential and commercial development to the east, south, and west. Agriculture fields and a canal lie to the north. At the time of the site visit, the agricultural fields within and surrounding the BSA were planted with wheat, and the canal was dry and freshly scraped of vegetation. Additionally, there is a solar farm to the northwest of the site. The zoning around the campus is designated as single-family residential to the west, south, and southeast, commercial on the southwest, and Limited Agricultural to the east, north, and northwest (County of Fresno, 2025).

3.4 Soils

The project site is underlain by two soil types: Chino Loam, and Grangeville Sandy Loam. The Chino Loam is the dominant soil type (Natural Resource Conservation Service, 2024).

3.5 Hydrology

The project site is in Groundwater Basin 5-022.05 of the San Joaquin Valley – Kings, and the Tulare Lake Hydrologic Region (California Department of Water Resources Water Management Planning Tool, 2025). The Tulare Lake Hydrologic Region encompasses approximately 10.5 million acres and includes the drainage area south of the San Joaquin River within the San Joaquin Valley. The Kings, Kaweah, Tule, and Kern rivers, which drain the west face of the Sierra Nevada Mountains, provide the bulk of the surface water supply native to the basin. Imported surface waters enter the basin through the San Luis

Canal/California Aqueduct System, the Friant-Kern Canal, and the Delta-Mendota Canal. Of these significant water features, the Kings River is the nearest to the project, occurring as close as 4 miles east of the site. The Kings River flows west out of the mountains, southwest through the cities of Sanger and Kingsburg, and then south where it joins the Tule River. Murphy Slough, a channelized stream, is about 0.5 mile north of the campus and is used to distribute water for agriculture. Other agricultural surface water systems deliver water via several irrigation canals, Riverdale Ditch, Turner Ditch, and Burrel Ditch (see Figure 2 for the location of nearby waterways). Murphy Slough and other agricultural canals may contain water infrequently throughout the year, and year-to-year, depending on drought conditions.

3.6 General Biological Conditions

The project site contains a stormwater basin, agricultural roads, agricultural fields, and a stadium with earthen berms. The vegetation within the stormwater basin consisted of typical ruderal grasses and ruderal herbaceous plants such as brome (*Bromus sp.*), fiddleneck (*Amsinckia sp.*), filaree (*Erodium sp.*), and common groundsel (*Senecio vulgaris*). Flat sedge (*Cyperus sp.*) was observed close to the basin's outfall grate, though the basin was completely dry at the time of the site visit. Additionally, cottonwood trees (*Populus fremontii*) and a Mexican fan palm tree (*Washingtonia robusta*) were observed growing within the basin. The agricultural roads were heavily disturbed with minimal vegetation growing along its margins, such as common groundsel, cheeseweed (*Malva parviflora*), brome, fiddleneck, bromefiddleneck (*Amsinckia sp.*), and lesser swine-cress (*Lepidium didymium*). The agricultural fields are flood irrigated, though no aquatic plant species were observed. A type of wheat crop was growing in the agricultural fields at the time of the site visit. The stadium contained vegetation that consisted mostly of grassy turf and ornamental oleander shrubs (*Nerium oleander*) specifically along the stadium's berms. In areas that were not regularly landscaped, plants such as cheeseweed, puncture vine (*Tribulus terrestris*), filaree, fiddleneck, grasses (*Brome sp.*) and nettle (*Urtica sp.*) were observed.

Birds observed during the site visit include: Red-Winged Blackbirds (*Agelaius phoeniceus*), White-Crowned Sparrows (*Zonotrichia leucophrys*), House Sparrows (*Passer domesticus*), House Finches (*Haemorhous mexicanus*), Eurasian Collared Doves (*Streptopelia decaocto*), Common Ravens (*Crovus corax*), Red-Shouldered Hawks (*Buteo lineatus*), American Crows (*Corvus branchyrhynchos*), Killdeer (*Charadrius vociferus*), Scrub Jays (*Aphelocoma californica*), European Starlings (*Sturnus vulgaris*), Mockingbirds (*Mimus polyglottos*), Pigeons (*Columba livia*), Savannah Sparrows (*Passerculus sandwichensis*), and a Black Pheobes (*Sayornis nigricans*).

Western Fence Lizards (*Sceloporus occidentalis*) were the only reptiles observed during the site visit. No amphibians were observed during the Site visit. Ground squirrels (*Otospermophilus beechyi*) were observed in burrows along the stadium berms. No ground squirrels or other mammals were observed in the agricultural fields or the stormwater basin. Gopher burrows and possible ground squirrel burrows were observed within the basin, but the burrows were not active and were filled in at the time of the site visit. Mammalian indicators observed within the basin include raccoon (*Procyon lotor*) scat and a skull that belonged to a domestic dog (*Canis lupus familiaris*). See Photos 1 through 6 for representative photos of the project site.

Photo 1 Vegetation in Stormwater Basin

Photo 2 – Vegetation along Ag Roads

Photo 3 – Stadium Condition

Photo 4 – Oleander Shrubs on Stadium Berm

Photo 5 – Northeast corner of site and surrounding land uses.

Photo 6 – North side of Stadium Parking Lot

The off-site study areas consisted of canal crossings over Murphy Slough, Murphy Slough, and the surrounding parcels, which included agricultural fields and rural residences. Murphy Slough was completely dry at the time of the survey. The streambed consisted of a sandy substrate with visible tire marks left by off-road vehicles. Cocklebur (*Xanthium sp.*) and Curly Dock (*Rumex crispus*) were the dominant plant species observed on the streambed. The dominant vegetation growing on the streambanks includes rushes (*Juncus sp.*), flat sedges (*Cyperus sp.*), and narrow-leaved cattail (*Typha angustifolia*). Trees lined the embankments of Murphy Slough north of the Harlan Ave. crossing. These tree species included non-native Tree-of-Heaven (*Alianthus altissima*) and Eucalyptus trees (*Eucalyptus sp.*). Native species observed include willow trees (*Salix sp.*) and a single Blue Elderberry tree (*Sambucus mexicana*).

Similar bird species were observed at these locations as the project site, except for observations of domesticated chickens (*Gallus gallus domesticus*) at Harlan Avenue crossing, where a rural residence is present. Mammals observed include domesticated dogs at the same rural residence at the Harlan Ave. crossing. No reptiles or amphibians were observed at the off-site study areas. See Photos 7 through 10 for representative photos of the off-site study areas.

Photo 7 – Murphy Slough at S. Marks Ave., facing East.

Photo 8 – Murphy Slough at S. Marks Ave., facing West.

Photo 9 – Murphy Slough at W. Harlan Ave., facing east.

Photo 10 – Murphy Slough at W. Harlan Ave., facing North.

4.0 Findings

4.1 Special Status Plant Species

4.1.1 Results of Literature Review and Database Searches

Six (6) special-status plant species identified in the literature and database review are historically known or have the potential to occur within the nine topographic map quadrangles surrounding the proposed project site (Table A). No species are listed as endangered or threatened under the federal Endangered Species Act or the state California Endangered Species Act. These six (6) species are listed as rare, threatened, or endangered in California by the California Native Plant Society.

Table A. List of Special Status Plant Species

Scientific Name	Common Name	Federal Status	State Status	California Rare Plant Status
Eriastrum hooveri	Hoover's eriastrum	None	None	4.2
Atriplex depressa	brittlescale	None	None	1B.2
Lepidium jaredii ssp. album	Panoche pepper-grass	None	None	1B.2
Atriplex minuscula	lesser saltscale	None	None	1B.1
Lasthenia chrysantha	alkali-sink goldfields	None	None	1B.1
Puccinellia simplex	California alkali grass	None	None	1B.2

California Rare Plant Rank 1B.1: Plants rare, threatened, or endangered in California and elsewhere; seriously threatened in California.
California Rare Plant Rank 1B.2: Plants rare, threatened, or endangered in California and elsewhere; fairly threatened in California.
California Rare Plant Rank 4.2: Plants of limited distribution; fairly threatened in California.

4.1.2 Presence of Special Status Plant Species

No special-status plant species were observed within the proposed project area. Although the field survey did not coincide with the optimum survey period for all sensitive plant species, no habitat exists on the site that would support them.

4.2 Special Status Wildlife Species

4.2.1 Results of Literature Review and Database Searches

Twenty-three (23) special-status animal species identified in the literature and database review are historically known or have the potential to occur within the nine topographic map quadrangles surrounding the proposed project site (Table B). Five (5) species are listed as endangered, and two (2)

are listed as threatened under the federal Endangered Species Act. Two (2) species are proposed for listing as threatened. Eight (8) bird species are protected by the Migratory Bird Treaty Act (MBTA).

Under the California Endangered Species Act, three (3) species are listed as threatened, three (3) are listed as endangered, and one (1) is listed as endangered and fully protected. Two (2) species are proposed for listing as threatened.

Table B. List of Special Status Wildlife Species

Scientific Name	Common Name	Federal Status	State Status
Amphibian			
Spea hammondii	western spadefoot	Proposed Threatened	None
Reptile			
Actinemys marmorata	Northwestern pond turtle	Proposed Threatened	None
Arizona elegans occidentalis	California glossy snake	None	None
Gambelia silus	blunt-nosed leopard lizard	Endangered	Endangered and Fully Protected
Thamnophis gigas	giant gartersnake	Threatened	None
Birds			
Athene cunicularia	burrowing owl	MBTA	Candidate Endangered
Agelaius tricolor	tricolored blackbird	MBTA	Threatened
Buteo swainsoni	Swainson's hawk	MBTA	Threatened
Coccyzus americanus occidentalis	western yellow-billed cuckoo	Threatened, MBTA	Endangered
Dryobates nuttallii	Nuttall's Woodpecker	MBTA	None
Icterus bullock	Bullock's oriole	MBTA	None
Meelospiza melodia graminea	Santa Barbara song sparrow	MBTA	None
Passerculus sanwichensis beldingi	Belding's Savannah sparrow	MBTA	None
Mammals			

Sorex ornatus relictus	Buena Vista Lake ornate shrew	Endangered	None
Dipodomys nitratoides nitratoides	Tipton kangaroo rat	Endangered	Endangered
Dipodomys nitratoides exilis	Fresno kangaroo rat	Endangered	Endangered
Vulpes macrotis mutica	San Joaquin kit fox	Endangered	Threatened
Lasiurus cinereus	hoary bat	None	None
Invertebrates			
Branchinecta lynchi	vernal pool fairy shrimp	Threatened	None
Bombus crotchii	Crotch's bumble bee	None	Candidate Endangered
Danaus plexippus	Monarch butterfly	Proposed Threatened	None
Desmocerus californicus dimorphus	valley elderberry longhorn beetle	Threatened	None
Lepidurus packardi	vernal pool tadpole shrimp	Endangered	None

MBTA: Migratory Bird Treaty Act

4.2.2 Presence of Special Status Wildlife Species

No special-status wildlife species were observed within the BSA. There are no vernal pools or wetlands that would support aquatic species, and there is no grassland or native shrub habitat. The proposed project site is a well-developed high school campus with about 27 acres of farmland planted with wheat. Additionally, the on-site stormwater basin is regularly disturbed by vegetation maintenance activity and does not provide a suitable habitat for the identified special status species.

The project site area does not contain adequate habitat for any special status species, as it is highly disturbed. Additionally, a portion of the site is subject to high foot traffic from visitors to the stadium and athletic fields during school events.

The off-site study areas do not contain adequate habitat for any special status species, either. Furthermore, the waterway is highly disturbed, and the presence of water is intermittent. Murphy Slough may provide habitat for migratory birds, but no more than the surrounding agricultural ditches.

4.3 Nesting Migratory Birds and Raptors

As stated above in Section 4.2.1, eight (8) bird species identified in the literature and database review are protected by the Migratory Bird Treaty Act (MBTA). During the site visit, none of these species were observed. However, a pair of common ravens *(Corvus corax*) were observed building a nest on a stadium-light post at the southeast corner of the existing stadium. Common ravens are currently on the

List of Migratory Birds prepared by the U.S. Fish and Wildlife Service (U.S. Fish and Wildlife Service, 2023). The location of the raven nest is shown in Figure 5.

As mentioned previously, the project site does not provide adequate habitat for special status species, including migratory birds. The stormwater basin's vegetation indicates that it is not regularly inundated and therefore does not provide good habitat for migratory aquatic birds.

4.4 Riparian and Sensitive Natural Communities

Riparian habitats or sensitive natural communities are not present at the proposed project site.

4.5 Wetlands and Waters

There are no wetlands or wetland features on the proposed project site.

4.6 Critical Habitat, Movement Corridors

No designated Critical Habitat or movement corridors identified in the literature and database review are historically known or have the potential to occur within the nine topographic map quadrangles surrounding the proposed project site.

FIGURE 5: STUDY AREA - SCHOOL SITE (COMMON RAVEN NEST LOCATION AND 250' BUFFER)

MAP LEGEND:

- PROJECT SITE BOUNDARY
- COMMON RAVEN NEST LOCATION
- 250' CONSTRUCTION ACTIVITY EXCLUSION BUFFER

N

0 100 250 500 1000
SCALE IN FEET

5.0 Potential Project Impacts

The proposed project is anticipated to have no impact on sensitive natural communities, special-status plants, special-status wildlife, wetlands, critical habitat, or migratory corridors. Construction activity would impact the nesting ravens observed during the site visit, as construction would occur within the stadium and would involve replacing existing stadium lights. No special status plant or wildlife species were observed during the survey, and there was no suitable habitat for these species. The survey took place early in the nesting bird season, so more birds may start to build their nests within the BSA. Therefore, construction activity may impact nesting birds that were not observed at the time of the site visit.

6.0 Recommendations

The following recommended actions should be implemented throughout project construction and/or operation:

- Avoid the removal of trees where possible. If tree removal is unavoidable, then avoid removing trees during the bird nesting season, which is between February and August. If trees are required to be removed during the nesting season, see the following recommendation regarding pre-construction surveys and avoidance buffers.
- Conduct a pre-construction nesting bird survey if construction activity is planned to occur between the months of February and August, which is nesting bird season. If nesting birds are observed, then a qualified biologist should monitor the nest during construction and stop construction should nesting behavior be negatively affected by construction activity. If a qualified biologist is not available for continuous monitoring, then a 250' buffer should be established where construction activity should not occur. A 500' buffer should be established for any non-listed raptor species.
- During a pre-construction nesting bird survey, if a survey is necessary, determine if the previously identified raven nest is still active. If the nest is still active, then implement the mitigation measures recommended above. Additionally, it is recommended that the light post not be removed until the nest is no longer active. See Figure 5 for a proposed buffer around the raven nest, should the District choose to use a buffer instead of a qualified biologist as mitigation to minimize impacts to an *active* raven nest.
- Cover any excavation work, such as trenches that may trap wildlife (e.g., deeper than 2 ft.), or provide means to escape excavated areas, such as plywood or other similar means. If any trapped animals are observed, provide a means for escape, and allow the animal to leave the site on its own.
- Dispose of and store trash properly to prevent impacting any animals that may pass through the site.

7.0 Summary and Conclusions

No special status species of wildlife or plants were observed during the site reconnaissance, nor was any suitable habitat observed for special status species. Overall, the project site is developed or highly disturbed. The agriculture fields are regularly planted with crops, and the high school campus is regularly maintained. The stormwater basin is less disturbed, though vegetation is removed annually from the basin. A single active nest was observed during the site visit (i.e., Common Raven) which was located on a stadium light post. It is recommended that the nest is regularly monitored during construction, or that a buffer is placed around the nest until it is no longer active. Regardless, it is recommended that a pre-construction nesting bird survey occurs before construction starts, and it is also recommended that other best management practices are implemented to prevent impacts to wildlife within the BSA during the project's construction and operational phase.

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Appendix C: Cultural Resources Inventory and Evaluation

Cultural Resource Inventory and Evaluation for the Riverdale High School Improvement Project Fresno County, California

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September 2025

USGS Riverdale 7.5′ quadrangle, T 17S, R 19E, Sec. 24; 3086 W. Mt. Whitney Ave.
26.99-acre study area; 21.51-acre Project area; 19.94 acres surveyed
Resources: Riverdale High School Stadium (P-10-007687), Restroom Facility (P-10-007686), and Pump Building (P-10-007685); P-10-007683

MANAGEMENT SUMMARY

At the request of Riverdale Joint Unified School District (RJUSD), Applied EarthWorks, Inc. (Æ) completed a cultural resource study for the proposed Riverdale High School Improvement Project in the city of Riverdale in Fresno County, California. The proposed improvements include renovating the existing historic-era athletic stadium, constructing new athletic fields, replacing an existing pole barn, and making other improvements to associated facilities within a portion of the Riverdale High School property (Project). The original Project was 26.99-acres; however, during the development of this report, it was reduced to 21.51-acres. Therefore, we have identified the larger 26.99-acres as the study area, and the smaller 21.51-acres as the Project area. As there are recorded cultural resources within the study area and field technicians surveyed the larger property, we have retained some of this information pertinent to the Riverdale High School for through documentation. Additionally, although this report documents the conditions and findings of the entire study area, CEQA compliance is only necessary for the 21.51-acre Project area.

As part of the California Environmental Quality Act (CEQA) review process, RJUSD requested a cultural resource study be conducted to determine if historical resources are present within the Project area that could be impacted by the proposed improvements. To assist the RJUSD in fulfilling their responsibility under CEQA, Æ conducted a cultural resource study to identify whether there are historical resources (i.e., cultural resources listed in or eligible for listing in the California Register of Historical Resources [CRHR]) within the Project area.

For this study, Æ conducted a records search at the Southern San Joaquin Valley Information Center (SSJVIC) of the California Historical Resources Information System (CHRIS); desktop research to better understand the history of land use in the Project area; an intensive pedestrian survey of the study area and the Project area to identify archaeological and built environment cultural resources; and an evaluation of four historical built environment resources for listing in the CRHR. Æ was able to access 19.94 acres, or 92.71 percent, of the Project area. RJUSD conducted Native American consultation with local tribes and individuals under Assembly Bill 52; Æ did not conduct additional tribal outreach for the Project.

The SSJVIC records search revealed one previously recorded nonextant historic-era resource (Riverdale Ditch; P-10-007056) within the Project area and three previously recorded historic-era resources within a 0.5-mile search radius. Additionally, there have been five studies previously conducted within the Project area and four previous studies within the 0.5-mile radius.

Æ conducted an archaeological and built environment pedestrian survey of the Project area on April 25, 2025. Æ's archaeologist identified an isolated artifact scatter (P-10-007683) containing historic-era glass and ceramic fragments and a complete precontact handstone on a berm of imported soils adjacent to the stadium. Isolated artifacts, by definition, are not eligible for listing in the CRHR because they lack historic association and context.

Æ's architectural historians initially identified four potentially historic-era built environment resources within the Project area, and one potentially historic-era built environment resource

within the study area. These include the Riverdale High School Stadium (P-10-007687), pump building, concession stand, agricultural barn, and restroom facility. Although, the restroom facility is outside of the Project area, Æ included the building in this inventory to facilitate future development at Riverdale High School. Two of these resources were confirmed not to be of historic age: the concession stand and the agricultural barn. Æ recorded three historic built environment resources and the isolated artifact scatter on the appropriate California Department of Parks and Recreation (DPR) 523-series forms. Æ evaluated the historic-era built environment resources for CRHR-eligibility and concluded that they do not possess the required historical significance to qualify for listing. As such, they do not qualify as historical resources per CEQA.

Although Æ concludes there are no historical resources within the Project area, the isolated sparse scatter of debris (P-10-007683) was found on the berm containing imported soils of unknown origin and age. Because it is not certain if the spoils came from within the Project area or outside, Æ recommends specific mitigation measures to reduce or eliminate significant impacts on historical resources, should they be discovered during Project implementation. In addition, RJUSD's Assembly Bill 52 consultation with the Santa Rosa Rancheria Tachi Yokut Tribe resulted in measures to avoid or mitigate significant impacts to potential Tribal Cultural Resources. All mitigation measures are listed in Section 6.2.

Additionally, if human remains are uncovered during construction, the Project operator shall immediately halt work within 100 feet of the find, contact the Fresno County Coroner to evaluate the remains, and follow the procedures and protocols set forth in CEQA Guidelines Section 15064.5(e)(1). If the remains are identified on the basis of archaeological context, age, cultural associations, or biological traits to be those of a Native American person, then the California Health and Safety Code 7050.5 and Public Resource Code 5097.98 require that the county coroner notify the Native American Heritage Commission within 24 hours of discovery. The Native American Heritage Commission will then identify the Most Likely Descendant, who will be afforded the opportunity to recommend treatment of the ancestral human remains.

Field notes, maps, and a complete set of photographs from the current study are on file at Æ's office in Fresno, California. A copy of the final version of this report will be submitted to the SSJVIC of the CHRIS at California State University, Bakersfield.

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1
INTRODUCTION

At the request of the Riverdale Joint Unified School District (RJUSD), Applied EarthWorks, Inc. (Æ) completed a cultural resource study for the Riverdale High School Improvement Project (Project) in the city of Riverdale, Fresno County, California (Figure 1-1). Riverdale High School is in the southeast quarter of Section 24 of Township 17 South, Range 19 East, as depicted on the U.S. Geological Survey (USGS) 1954 Riverdale, California, 7.5-minute topographic quadrangle (Figure 1-2). The 21.51-acre Project area is at 3086 W. Mount Whitney Ave., Assessor's Parcel Numbers 053-130-12T and 053-130-82T, northwest of the intersection of West Mount Whitney and South Marks avenues (Figure 1-3).

1.1 PROJECT DESCRIPTION

RJUSD proposes a series of improvements in three phases to Riverdale High School. While development of each phase may shift depending on available funding, the following are currently proposed. The initial phase will renovate the Riverdale High School Stadium, reconstruct a parking lot, and expand the existing stormwater basin on the northern side of the school campus to the south. Plans for Phase 2 include demolition of the existing agricultural barn facilities and construction of three new multi-use athletic fields. In Phase 3, a new small bathroom building and a new agricultural barn will be constructed (Figure 1-4). Improvements to a section of South Hazel Avenue is also proposed and a sidewalk and additional parking will be added east of South Hazel Avenue.

The original Project was 26.99-acres; however, during the development of this report, it was reduced to 21.51-acres. Therefore, we have identified the larger 26.99-acres as the study area, and the smaller 21.51-acres as the Project area.

1.2 REGULATORY GUIDANCE

The Project is subject the California Environmental Quality Act (CEQA), with guidelines for implementation codified in the California Code of Regulations (CCR), Title 14, Chapter 3, Section 15000 et seq. CEQA mandates that public agencies, in this case the RJUSD, consider the impacts of discretionary projects on the environment, including cultural resources. If a project has potential to cause substantial adverse change in the characteristics of an important cultural resource or "historical resource" through demolition, destruction, relocation, alteration, or other means, then the project is judged to have a significant effect on the environment (14 CCR 15064.5[b]). Historical resources are buildings, sites, structures, objects, or districts, each of which may have historical, precontact, architectural, archaeological, cultural, or scientific importance and is listed in or eligible for listing in the California Register of Historical Resources (CRHR). Where substantial adverse change is unavoidable and the historical resource cannot be preserved in an undisturbed state, the lead agency shall require mitigation measures to minimize substantial adverse changes to the resource's significance (Public Resource Code [PRC] 21083.2[c]). It is further stipulated that the "lead agency shall ensure that any adopted measures to mitigate or avoid significant adverse changes are fully enforceable through permit conditions, agreements, or other measures" (14 CCR 15064.5[b][4]).

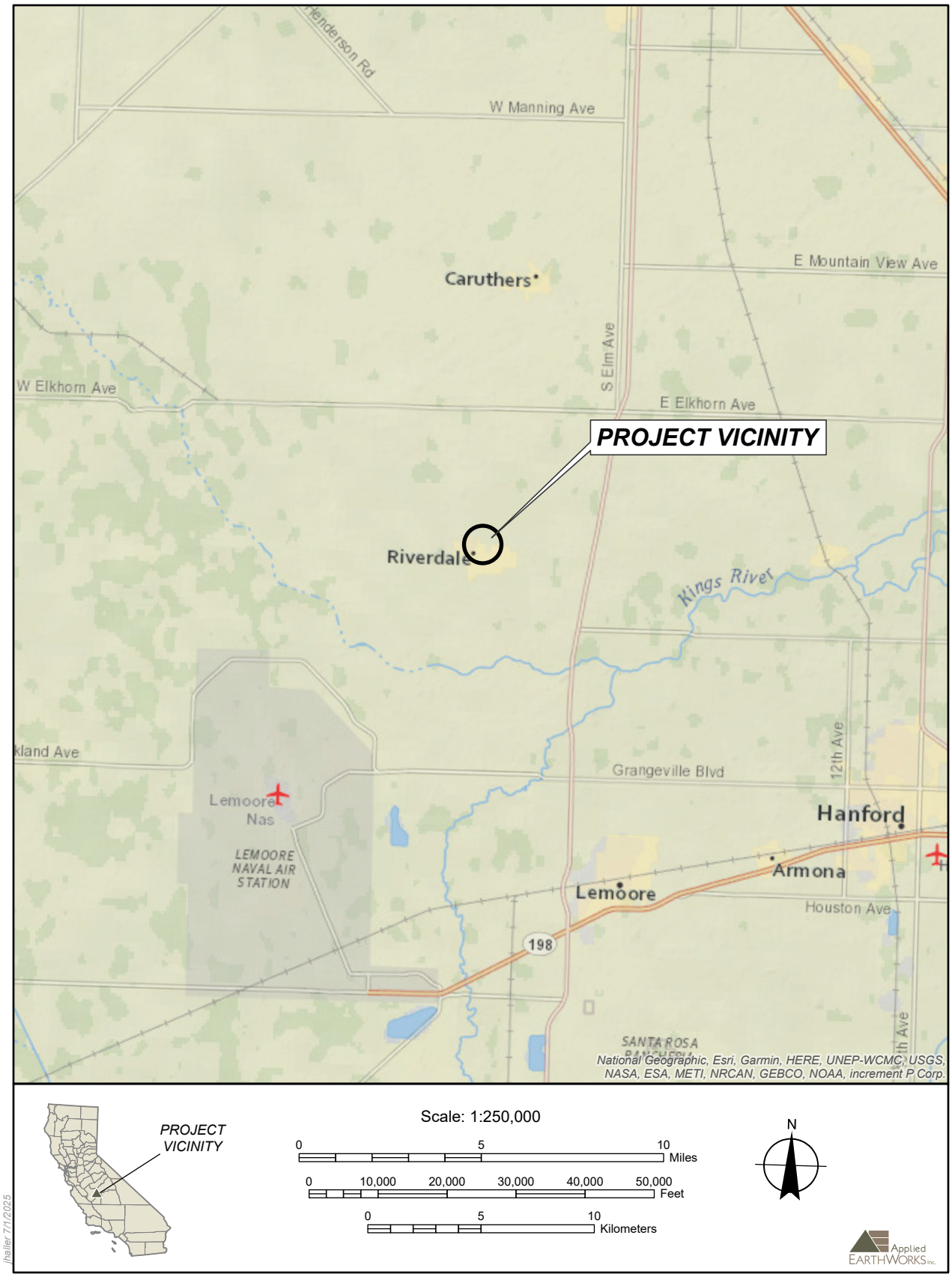

Figure 1-1 Project vicinity in Fresno County, California.

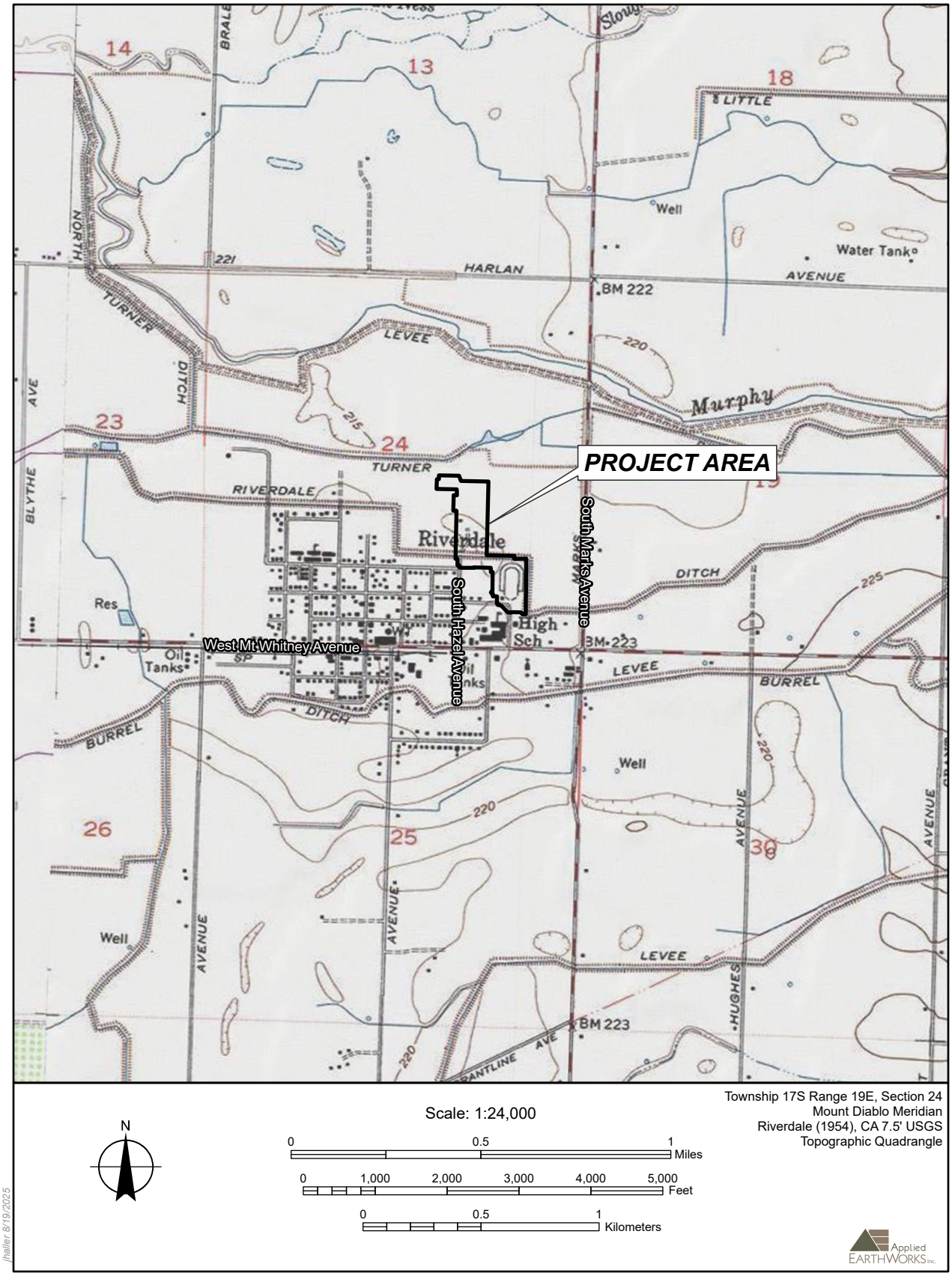

Figure 1-2 Project location on USGS Riverdale 7.5-minute topographic quadrangle.

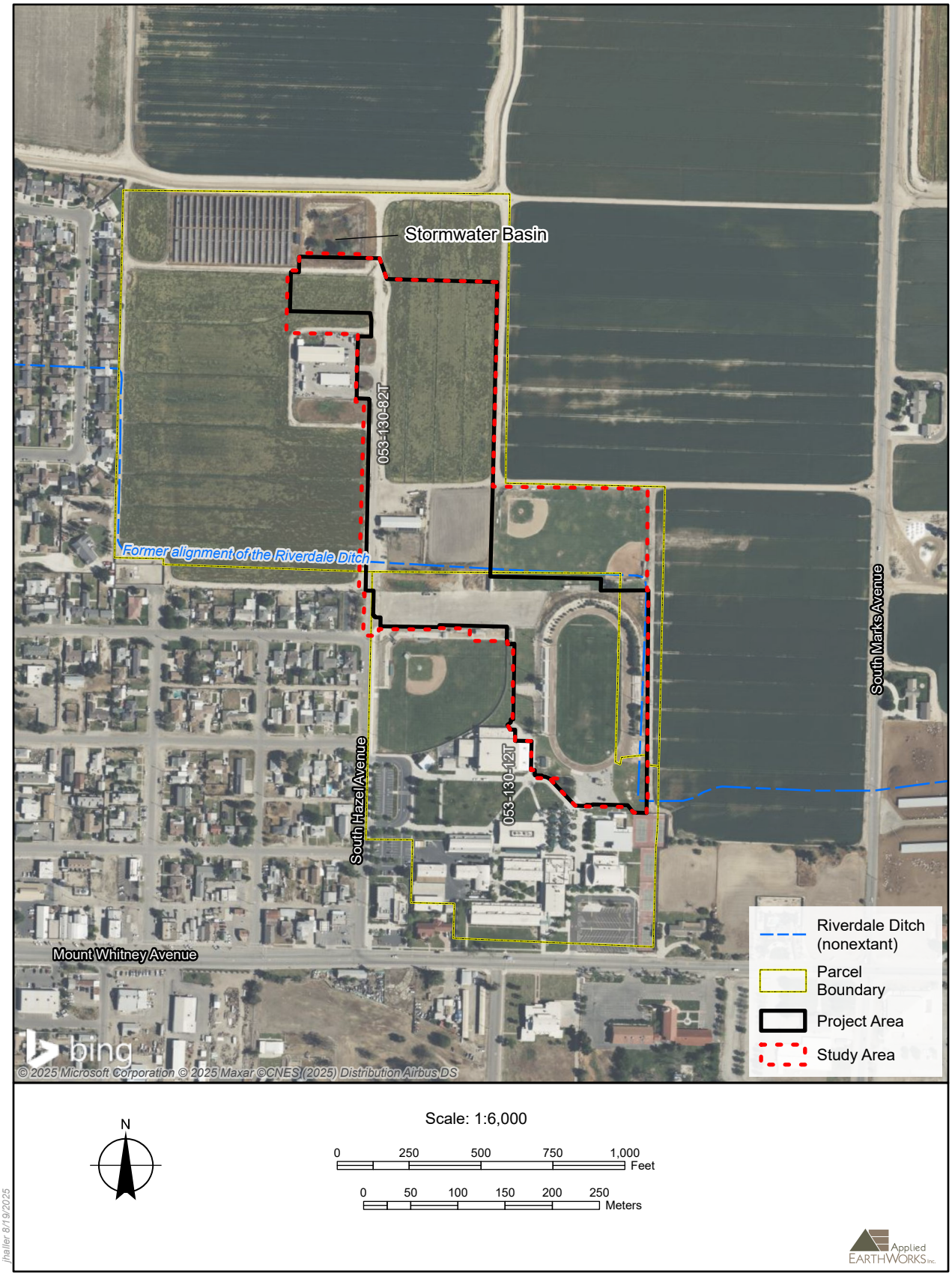

Figure 1-3 Aerial view of the Project area.

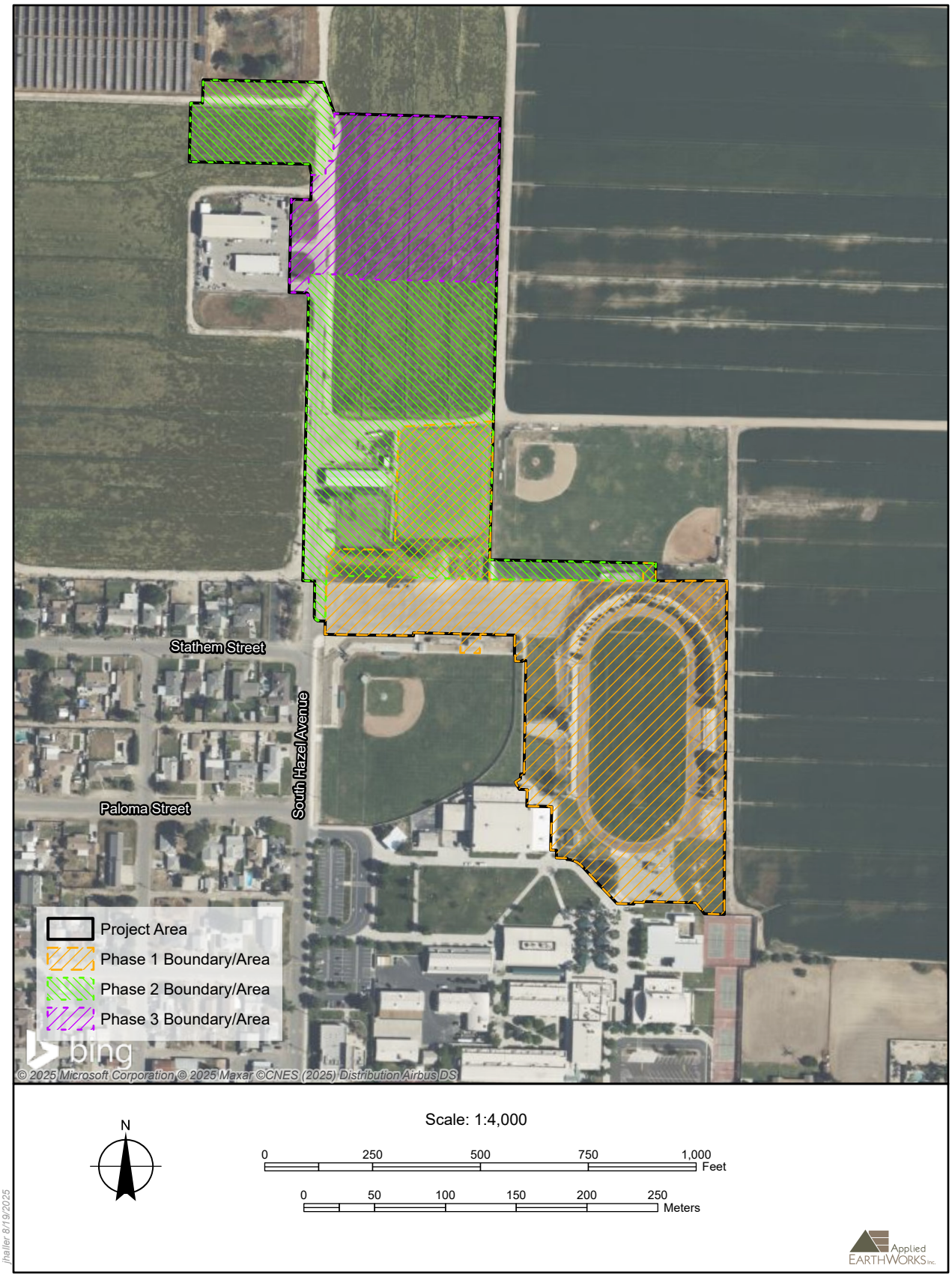

Figure 1-4 Riverdale High School Improvement Proposed Phases.

For the purposes of this report, a cultural resource is defined as a precontact or historical (i.e., 45 years old or older) archaeological site or a historical building, structure, or object. The importance or significance of a cultural resource depends on whether it qualifies for inclusion in the CRHR. Cultural resources determined eligible for the CRHR are called "historical resources," and the determination of eligibility is based on a set of significance criteria (14 CCR 15064.5[a]).

It is worth noting here that, as defined at PRC Section 21074(a), a tribal cultural resource (TCR) is a site, feature, place, cultural landscape, sacred place, or object that is of cultural value to a California Native American tribe and is either listed in or eligible for listing in the CRHR or included in a local register of historical resources. TCRs should be identified by the Native American community that identifies, manages, and/or takes responsibility for the resource and are, therefore, not included in the identification and assessment efforts of this cultural resource study. TCRs and any other resource determined significant by a Native American community should be identified as part of the RJUSD's tribal outreach responsibilities under Assembly Bill 52, if any are present.

1.3 PROJECT PERSONNEL

Æ Managing Principal Anna Hoover (M.S., Registered Professional Archaeologist [RPA] 28576661) served as principal investigator and project manager, providing quality assurance, quality control for the project, and technical oversight. Principal Architectural Historian Carlos van Onna (M.A.) oversaw all built environment tasks. Associate Anthropologist Nicole Saenz (M.S.) co-authored the report. Staff Anthropologist Justin Tidd (B.A.) conducted the archaeological pedestrian survey. Staff Architectural Historian Sophia Lynch (B.A.) conducted the built environment pedestrian survey, conducted archival research, and co-authored this report. Associate Architectural Historian Cheyenne Good-Peery (B.A.) co-authored this report and prepared California Department of Parks and Recreation (DPR) 523-series forms for the built environment resources. Æ Principal Archaeologist Emerita Mary Baloian (Ph.D., RPA 15189) reviewed this document for consistency and technical accuracy. Qualifications of key personnel are provided in Appendix A.

1.4 REPORT ORGANIZATION

This report was prepared in accordance with the California Office of Historic Preservation's *Archaeological Resource Management Reports: Recommended Contents and Format* (Office of Historic Preservation 1990). This document consists of seven chapters. Following this introduction, Chapter 2 describes the environmental and cultural context of the Project area. Chapter 3 presents the methods used for archaeological and built environment background research and pedestrian surveys, while Chapter 4 discusses the results of the records search, background research, and archaeological and built environment surveys. Chapter 5 presents an evaluation of identified historic-era built environment resources. Finally, Chapter 6 contains a summary and provides mitigation recommendations. A complete list of references cited is in Chapter 7. Appendix A contains resumes of key personnel. Appendix B presents the records search results, and Appendix C contains DPR forms for the newly identified cultural resources as well as an update form for the previously recorded, but no longer extant, Riverdale Ditch.

Field notes, maps, and a complete set of photographs from the current study are on file at Æ's office in Fresno, California. A copy of the final version of this report will be submitted to the Southern San Joaquin Valley Information Center (SSJVIC) of the California Historical Resources Information System (CHRIS) at California State University, Bakersfield.

2
SETTING

This chapter describes the natural environment within the Project and surrounding area. It also provides a summary of precontact history and previous archaeological investigations as well as an ethnographic overview. The chapter concludes with an overview of the history of the region and provides specific information about the Project area that provides a context for evaluation of the significance of the cultural resources recorded.

2.1 ENVIRONMENT

The Project is in the San Joaquin Valley, the southern half of an elongated trough called the Great Valley. The Great Valley is a 50-mile-wide lowland that extends approximately 500 miles south from the Cascade Range to the Tehachapi Mountains (Norris and Webb 1990). The Great Valley is divided by two prominent hydrologic features, the Sacramento and San Joaquin rivers, which drain into San Francisco Bay. Between the Mesozoic and Cenozoic eras, the Great Valley served as a shallow marine embayment containing numerous lakes, primarily within the San Joaquin Valley (Norris and Webb 1990). As a result, the upper levels of the Great Valley floor are composed of alluvium and flood materials. Below these strata are layers of marine and nonmarine rocks, including claystone, sandstone, shale, basalt, andesite, and serpentine. Waters began to diminish about 10 million years ago, eventually dwindling to the drainages, tributaries, and small lakes that exist today (Hill 1984).

The San Joaquin Valley makes up the Great Valley's lower half. It is bounded by the Sacramento-San Joaquin Delta to the north, the mountains of the Sierra Nevada to the east, the Coast Ranges to the west, and the Tehachapi Mountains to the south. The San Joaquin Valley comprises two distinct hydrologic subbasins: the San Joaquin and the Tulare. The San Joaquin Subbasin is drained by the San Joaquin River. The Tulare Subbasin has no regular surface outlet; it was formed by the merging of alluvial fans from the Kings River to the east and Los Gatos Creek to the west (Cone 1911). The Tulare Subbasin rivers—the Kings, Kaweah, Tule, and Kern—flowed into the subbasin forming large inland lakes. The Tulare Lake basin lies approximately 30 miles south of the Project. This seasonal lake was extremely shallow and expanded horizontally across the flat landscape as it filled with winter and spring runoff. Its broad but shallow dimensions resulted in wide fluctuations of the lake's shoreline during both precontact and historical times. As it filled beyond its natural alluvial barriers, water was channeled down the Fresno Slough into the San Joaquin River. Tulare Lake was the largest naturally occurring lake in California as recently as 1920 (Norris and Webb 1990). The size of the lake was gradually reduced by historical development of irrigation systems and reclamation of waters draining from the Kings River and other sources. Today the lake only exists in times of flooding, and the deep reserve of groundwater is tapped for private and public use.

Agriculture also spurred the replacement of native plants and animals with domesticated species. Common native plants include white, blue, and live oaks as well as walnut, cottonwood, willow, and tule. Also prominent is bulrush and cattail, various grasses, flowers, and saltbrush. The previously swampy valley floor once provided a lush habitat for a variety of animals. Large mammals include mule deer, tule elk, pronghorn, grizzly and black bears, and mountain lions

(Preston 1981). Other mammals noted are the gray wolf, valley coyote, bobcat, gray and kit foxes, and rabbits. Birds in the area include American osprey, redwing blackbird, marsh hawk, willow and Nuttall woodpeckers, western meadowlark, and quail. The lakes, rivers, and streams throughout the vicinity provide habitat for anadromous and freshwater fish, including Chinook salmon, white sturgeon, Sacramento perch, rainbow trout, thick-tailed chub, and Sacramento sucker (Preston 1981).

2.2 PRECONTACT

The San Joaquin Valley precontact record is among the least understood of all regions in California. Reconstruction of past cultural patterns has been stymied by two key factors: geomorphology and human activity (Dillon 2002; Siefkin 1999). The valley floor that encompasses the Project area has been inundated with thick alluvial deposits resulting from granitic and sedimentary outflow from the San Joaquin and Kings rivers, particularly during mass flood events. This pattern has continued for millennia and has resulted in the burial of early- to mid-Holocene archaeological sites, estimated to be buried at depths up to 10 meters along the lower stretches of the San Joaquin Valley drainage systems (Meyer et al. 2010; Onken 2019). Thus, compared to other regions in the state, there is a paucity of research and a related lack of data from which to build a complete understanding of past human behavior specific to the Central Valley.

Nevertheless, available data for sites in valley lacustrine environs help identify key cultural changes within the Project area and near vicinity. The summary of cultural traits presented below is based on a review of San Joaquin Valley lacustrine, riverine, and valley floor site data discussed in Rosenthal et al. (2007). Cultural periods and accompanying dates, given as calibrated calendar years (cal B.C. or A.D.) and calibrated radiocarbon years (cal B.P.) are summarized in Table 2-1 and are based on Rosenthal et al. (2007), Moratto (1984), McGuire and Garfinkel (1980), and Fredrickson's chronologies (Fredrickson 1973, 1974).

Table 2-1
Central Valley Chronological Framework

Period	Calibrated Years B.C./A.D.	Calibrated Years B.P.	Common Cultural Patterns Specific to Southern San Joaquin Valley Basin[a]
Paleoindian	11,550–8550 B.C.	13,500–10,500	Basally thinned and fluted projectile points; human bone may be fragmented
Lower Archaic	8550–5550 B.C.	10,500–7500	Wide-stemmed, crescent, "humpies," atlatl and Pinto points; ground stone often absent or low frequency; freshwater mussel, fish, waterfowl, artiodactyl; human bone may be fragmented
Middle Archaic	5550–550 B.C.	7500–2500	Emergence of extended trade and exchange networks, including obsidian from the east side of the Sierra Nevada; *Olivella biplicata* shell beads include rectangular grooved; acorn and nut as well as diversified land mammal bone; extended burials common, with sophisticated grave offerings; year-round occupations

Table 2-2 (continued)
Central Valley Chronological Framework

Period	Calibrated Years B.C./A.D.	Calibrated Years B.P.	Common Cultural Patterns Specific to Southern San Joaquin Valley Basin[a]
Upper Archaic	550 B.C.–A.D. 1100	2500–950	Patterns of Late Middle Archaic Period continue, unlike the northern valley; emergence of specialized technologies, including bone tools and ritual/decorative items; obsidian bifacial rough-outs and ceremonial blades appear; polished and ground stone plummets; saucer and saddle-shaped *Olivella biplicata* beads, *Haliotis* ornaments; terrestrial and aquatic diet; extended burials continue
Emergent Occupation	A.D. 1100–Historic	950–Historic	Many archaic patterns disappear; the bow and arrow emerge between A.D. 1000 and 1300, replacing dart and atlatl; Panoche side-notched and Cottonwood points; mortar and pestle abundant; fish bone dominates with diverse terrestrial bone assemblages; emergence of local shell bead production sites

a - Archaeological data specific to foothill and mountain sites of the southern San Joaquin Valley are excluded, see Rosenthal et al. (2007) for details specific to Delta, Sacramento Valley, and foothill cultures.

The Paleoindian Period (11,500–8550 cal B.C.) is represented by ephemeral lacustrine sites dominated by atlatl dart and spear projectile points. The ancient shores of Tulare Lake, roughly 20 kilometers south of the Project area, has yielded numerous early projectile point styles, including fluted Clovis-like specimens associated with human occupation dating to the Late Pleistocene-Early Holocene transitions 11,000 or more years ago (Riddell and Olsen 1969). Specifically, excavations at the Witt Site (CA-KIN-32) on the southwest shore, contains fluted projectile points as well as a procession of later types, suggesting continual occupation of the basin until historic contact (Fenenga 1993; Moratto 1984). The Tulare lakeshore has also yielded various scrapers, flaked stone crescents, Lake Mojave projectile points, and other stone artifacts typical of the Lake Mojave Period, which is presumed to have begun somewhat earlier than 10,000 years ago at 11,450 B.C., and lasted to perhaps 5050–4550 B.C. (Hall 1993; Moratto 1984). Thus, the evidence, albeit scant, indicates that the area was frequented at an early date by bands of hunters preying on the large herds of game animals.

The earliest evidence of distinct valley cultural patterns appears during the Lower Archaic Period (8550–5550 cal B.C.) when crescents and stemmed projectile points are first used and evidence appears of dietary use of freshwater fish, waterfowl, mussels, deer, and pronghorn. Unfortunately, the relationships between people living in the foothills and valley floor during this period are currently unknown. Like the preceding period, archaeological evidence from the Central Valley is primarily limited to isolated finds such as stemmed points, stone crescents, and other distinctive flaked stone tools on the shores of Tulare Lake (Fenenga 1992; Rosenthal et al. 2007; Wallace and Riddell 1991). The presence of marine shell beads in Great Basin sites around this time suggests that trading relationships were well established during the Lower Archaic, although archaeological evidence from the Central Valley floor is currently lacking (Rosenthal et al. 2007).

The Middle Archaic (5550–550 cal B.C.) marks the development of the Sacramento-San Joaquin Delta due to sea level rise, which changed the Central Valley into a new, wetland habitat (Rosenthal et al. 2007). At the same time, warmer and drier conditions resulted in the shrinking of Tulare Lake and many other Central Valley lakes (Rosenthal et al. 2007). Foothill sites are

more common during the earlier half of the Middle Archaic. Archaeological assemblages from this region include expedient tools used for a variety of purposes, such as chopping, scraping, and milling, and subsistence data suggest reliance on acorns and pine nuts (McGuire 1995; Rosenthal and McGuire 2004). Valley sites dating to the early part of the Middle Archaic are rare, likely to the depositional environment associated with the Sacramento and San Joaquin Delta and the formation of wetlands. The only artifacts from the Central Valley that pre-date 2550 B.C. are those from deeply buried contexts. However, sites post-dating 2550 B.C. are better represented, and include what appear to be long-term residences along rivers. Stone tools were used in abundance, meanwhile ground stone tool kits emerged along with long-distance trade and exchange networks focused on obsidian, shell beads, and ornaments (Rosenthal et al. 2007).

New cultural patterns emerged during the Upper Archaic Period (550 cal B.C. to cal A.D. 1100), when a distinct shift in burial practices occurred and geographic differences in site and artifact types appeared. Widespread proliferation of specialized technology is evident, including new types of bone tools, projectile points, and ceremonial objects such as wands and blades. Paleoethnobotanical studies also suggest the use of labor-intensive and seasonally abundant resources, including acorns, pine nuts, salmon, and shellfish. Year-round villages on the shores of Buena Vista Lake have diverse assemblages, including shell beads, spindle-shaped charmstones, dart points, bone fish spears, cobble mortars and chisel-ended pestles (Hartzell 1992).

Similarly, the Emergent Period, extending from cal A.D. 1100 to the historic-era, is marked by continued variation in settlement and burial patterns appear across the valley, coupled with the disappearance of atlatl and dart tool kits that are replaced with bow-and-arrow technology (i.e., small corner-notched and Desert series projectile points) at about cal A.D. 1000. Fishing tool kits expanded to include more efficient harpoons, bone fishhooks, and gorge hooks. In the Tulare Basin, pottery obtained via trade appears as well as baked clay balls used for cooking and making carved clay effigies (Rosenthal et al. 2007).

2.3 ETHNOGRAPHIC SETTING

The Project area is in the Southern Valley Yokuts ethnographic territory. The Yokuts are one of eight subgroups of the Penutian linguistic phylum that is present across the western coast and inland regions of North America from Canada to Mexico (Golla 2011). The Yokuts had many language subgroups and spoke a variety of mutually intelligible dialects across the San Joaquin Valley and Sierra Nevada (Golla 2011). The Southern Valley Yokuts populated the shores of Tulare, Buena Vista, and Kern lakes, their connecting sloughs, and the lower portions of the Kings, Kaweah, Tule, and Kern rivers (Latta 1999; Silverstein 1978).

The Yokuts resided in round or oval, sunken houses with conically shaped pole frames covered with tule mats. Tules were used to manufacture a wide variety of items including baskets, floor mats, sunshades, curtains, boats, baby cradles, and even women's skirts (Latta 1977). The Northern Valley Yokuts employed bone harpoon tips for fishing, stone sinkers for nets, chert projectile points for hunting, mortars and pestles, scrapers, knives, and bone awls to procure and manufacture food. They acquired marine shell from coastal tribes to make necklaces and other adornments.

The basic unit of Yokuts society was the nuclear family, which was identified with a totem symbol specific to the paternal line. Within each tribe, lineage totems were further grouped into one of two moieties, designated by the overarching symbols of the eagle and coyote (Wallace 1978). The basic political unit was the tribe or tribelet, which encompassed a single village or several settlements. In most Yokuts tribes, two chiefs, one representing each moiety, governed the tribe. Although they were expected to rule the tribe cooperatively, the leader of the eagle moiety was afforded a certain precedence (Kroeber 1976).

The Tachi, who were the northernmost of the Tulare Lake tribes, occupied a large area of the Central Valley, extending from the western shores of Tulare Lake northward to the Fresno Slough and westward to the Coast Ranges (Kroeber 1976). The Tachi Yokuts village *Wiu* (also *Waiu*, or Mussel Slough) was just south of Lemoore at the present location of the Santa Rosa Rancheria Tachi Yokut reservation, a few miles southeast of the Project area (Kroeber 1976). During the historic-era, the general vicinity of Lemoore was a seasonal plant and seed collection area for local tribes. The Tachi relied on the plentiful supply of lacustrine and riverine resources, including lake trout, chubs, perch, and suckers as well as turtles and freshwater shellfish. Wild seeds and acorns were harvested in the early summer and fall, respectively, and stored for use throughout the year. Waterfowl and other game attracted to the lake supplemented the Yokuts diet.

Intensive European exploration of Yokuts territory did not take place until the early nineteenth century (Wallace 1978). As a result of European contact with Native American populations of the San Joaquin Valley, indigenous populations were significantly reduced by disease and settlement patterns were disrupted by recruitment for Missions Soledad, San Luis Obispo, San Antonio de Padua, and San Juan Bautista. However, even more traumatic impacts to the valley's Native American population were caused by a series of parasitic (i.e., malaria) and viral (e.g., influenza) epidemics that began in 1833. The diseases struck with such virulence that by 1846 an estimated 40–75 percent of Native Americans had died during outbreaks in California. By 1850, of the estimated 15,700 people constituting the 15 tribelets of the Southern Valley Yokuts, approximately 3,680 are estimated to have survived into the mid-twentieth century (Cook 1955).

Many Southern Valley Yokuts tribes have survived the effects of colonization, particularly the SRR who have since developed an early childhood education to college success program and have worked to preserve song, dance, and oral history traditions of the tribe (Golla 2011). The SRR is governed by a Tribal Council and operates auxiliary departments that serve local tribal populations in areas of governance, healthcare, education, housing, cultural resource management, and administration of the Tachi Palace Hotel and Casino. The SRR contributes annually to the Kings County fire department, health initiatives, and other community welfare programs.

2.4 HISTORIC CONTEXT

The following themes addressed herein provide a framework for evaluating built environment resources within the Project area and include regional development in the nineteenth and twentieth centuries.

2.4.1 Early Exploration and Settlement

The San Joaquin Valley was considered a remote and sometimes unruly hinterland to the coastal missionaries, as well as the Spanish colonial government and later Mexican provincial government, for the first half of the nineteenth century. During the first three decades of the century, treks by Spanish detachments, which typically included a Franciscan padre, explored the region. The Spaniards were the first Europeans to encounter the Southern Valley Yokuts when Pedro Fagés led a group of soldiers through Tejon Pass into the San Joaquin Valley in 1772 (Wallace 1978). Four years later Francisco Garcés also explored the region. Other Europeans did not follow until Lieutenant Gabriel Moraga led a group of Spanish explorers into the valley in 1806 (Clough and Secrest 1984). This party intended to locate new lands for missions, find and return runaway Indians, and relocate stolen livestock. Yet despite such intentions and conscription, neither a mission nor military outpost was ever established in the San Joaquin Valley.

Nonetheless, the region was well-travelled and settled to some extent by Mexicans and other peoples of European descent. Even before the earliest official exploration of the central San Joaquin Valley by Lieutenant Moraga in 1805, *El Camino Viejo á Los Angeles* (the Old Road to Los Angeles) served as an alternate route to the better known El Camino Real (Cook 1960:247–253). This inland road led from San Pedro in south Los Angeles, through the San Bernardino Mountains, along the western flank of the San Joaquin Valley, and up to San Antonio in present-day east Oakland. A 1936 map depicts a fork in the main path of the road just south of present-day Kettleman City, creating two branches of the road. The branches rejoin at Arroyo de Panoche Grande (Figure 2-1; Latta 1936). Various stops were found along the two branches of El Camino Viejo, including Poso Chané, which emerged as an early Mexican settlement La Libertad, near present-day Riverdale (Clough and Secrest 1984:40; Latta 1936:12).

Expansion of missions in California ceased by the early 1820s as a result of Mexico's independence from Spain, thus preventing the creation of any San Joaquin Valley missions. In August 1833, the Mexican Congress adopted the law of secularization, allowing for the confiscation of mission properties for redistribution to Californios and naturalized citizens. From 1833 to 1846, Mexican governors approved more than 800 such grants in California. The grants, commonly called "ranchos," typically encompassed 5,000 acres or more. While most of these land grants included former mission estates, some encompassed nonmission properties in the San Joaquin Valley. Two land grants — Rancho del San Joaquin and Rancho Laguna de Tache —are within present-day Fresno County. However, it is unknown to what extent the two grants were improved or used during the period of Mexican rule. In 1846, Manuel Castro received the Laguna de Tache Land Grant, extending from present-day Kingsburg downstream to the Fresno Slough (Clough and Secrest 1984:32–34). La Libertad lies just within the western boundary of this 48,800 tract of land (Latta 1936:12). Similar to other land grants, Rancho Laguna de Tache encompassed the overflow lands of a major river, in this case the Kings River, which provides prime real estate for cattle raising. However, despite evidence that Castro attempted to settle the property, the lawlessness of the region appears to have prevented him from doing so.

The Mexican-American War (1846–1848) was a relatively small-scale affair, with forces on either side numbering no more than several hundred troops for any one battle. Likewise, fighting was predominantly limited to the coastal areas and never spilled into the San Joaquin Valley.

Although, the spoils of the war for the United States were enormous. On February 2, 1848, the Treaty of Guadalupe Hidalgo was signed, ceding California, as well as other former Mexican territories, to the United States. In September 1850, California became the thirty-first state in the Union.

One condition of the treaty obligated the United States government to honor the property rights of the rancheros. In 1851, Congress passed the California Land Act, which created a land commission to ascertain the veracity of former Mexican land claims; the commission's rulings could be, and often were, appealed in the federal courts. Initially, the land commission rejected Castro's claim to Rancho Laguna de Tache in 1854, citing his inability to settle on the land during the Mexican period (Clough and Secrest 1984:33–34). Four years later, the decision was reversed by a federal district court, which determined that hostility of Native Americans had prevented him from occupying the grant despite his efforts. In 1866, Castro was finally granted the land patent for Rancho Laguna de Tache. Unfortunately, by this time, his legal fees and loans had grown so large he was forced to sell the property at public auction to pay his creditors. The land was sold to Jeremiah Clarke. The clouded titles, protracted court decisions, and duress caused by usurious loans and exorbitant legal retainers that characterized the case of the Rancho Laguna de Tache were all too familiar circumstances for hundreds of other claimants of Mexican grants, as well as those Americans whose interests were tied to such claims (Jelinek 1999).

2.4.2 Settlement and the Beginning of Irrigation

By 1856, when the California legislature created Fresno County from parts of Merced, Mariposa, and Tulare counties, cattle ranching had joined mining among the county's primary economic pursuits (Clough and Secrest 1984:83). During the more than 15 years when the property's title was held in legal limbo, Rancho Laguna de Tache was invaded by squatters, who did not let the land lie fallow. Indeed, by the time of the 1866 survey, the tract had been settled by several families engaged in stock raising. Historical records surmise that after 1866, these squatters eventually purchased their parcels from Clarke, establishing a small community (Clough and Secrest 1984:34). The old pueblo La Libertad eventually became the Liberty Settlement, which subsequently changed its name to Riverdale in 1875 (Vandor 1919:278).

Among the various goods produced by settlers of the lower Kings River and Fresno Slough areas, livestock was in fact the most commercially important (Grunsky 1898; Mead 1901; Vandor 1919). While periodic flooding of the river and sloughs did continue to water the natural grasses of riparian lands, alfalfa quickly emerged as the region's dominant commodity, both as feed and as a crop for cash sale. Similar to vineyards and orchards, this flowering plant can only be grown commercially with irrigation. Moreover, through such appropriated water, the alfalfa farmer could cultivate land that did not contain a natural source of water (i.e., not riparian). The Riverdale Ditch, which is no longer extant within the Project area, along with the Turner, (Liberty) Millrace, Reed, and Burrel ditches, were built specifically for this purpose. The problem was that these ditch owners still depended on the natural flow of the Kings Rivers, which, like all Sierra Nevada streams, varied wildly from one year to the next. Compounding the matter was that Murphy Slough, one of the river's many tributaries, lay in the lowermost reaches of the Kings River system, requiring the water to pass by the gates of numerous other upstream irrigators before entering the slough.

Given the often-limited supply of this critical resource, in 1898, the five owners of the Riverdale area ditches organized the Murphy Slough Association to fairly apportion and minimize confrontations over the use of the slough's waters (Adams 1915:55–57; Mead 1901:306). A critical part of the association's formation was its agreement with the Fresno Canal and Irrigation Company (FCIC). Earlier in the decade, the FCIC had purchased Rancho Laguna de Tache, including its long-standing riparian water rights on the Kings River. It was imperative that the association make a deal with the FCIC to prevent being cut off from their water supply during years of poor runoff. Despite the FCIC's larger size and greater experience in litigious matters, the association may have held at least some legal leverage on account of the relatively early appropriations by the Riverdale and Turner ditches in 1875. Per their agreement, until the flow of the slough exceeded 300 cubic feet per second, the available water was divided equally between the FCIC and the Riverdale members. The association further stipulated distribution among its members: the Turner Ditch, which still maintained its own head gate, received one-sixth of the flow; the Riverdale and Burrell ditches, which shared the same head gate, were entitled to a combined one-third; and the Millrace and Reed ditches took one-third and one-sixth, respectively. Within the central and southern San Joaquin Valley, such associations were common in areas that lacked a dominant irrigation company, like the FCIC in the Fresno area or the San Joaquin and Kings River Canal Company, owned by the powerful Miller & Lux Company, on the lower San Joaquin River.

2.4.3 The Railroad and Growth of Riverdale

The town of Riverdale, like most valley communities, owes its existence to the railroad, specifically the Hanford & Summit Lake Railway (Robertson 1998:126). Beginning operation in 1912, the 42-mile-long line extended south to southeast from Ingle (about 4 miles north of Tranquility) and made various stops in the Fresno Slough and lower Kings River areas before terminating at Hardwick in Kings County. In 1917, the Southern Pacific Railroad acquired the Hanford & Summit Lake line. In addition to Riverdale, the new railroad gave rise to West Side communities like Tranquility and San Joaquin. Fresno County atlases from 1911, 1913, and 1920 show a steady expansion around the center of Riverdale, at the present-day intersection of Mt. Whitney and Valentine avenues. By 1920, the town's residential lots covered about 100 acres of former agricultural land (Guard 1911; Progressive Map Service 1913, 1920).

2.4.4 Riverdale High School

Education in California prior to the twentieth century followed national trends of authoritarian teaching methods that valued passivity and operated out of one-room schoolhouses. Philosopher John Dewey spearheaded the Progressive Education Movement in the 1880s to reform the rote approach to schooling. The Progressive Education Movement advocated for a more individualized and hands-on learning experience to coincide with a student's natural curiosity. Dewey's ideas centered around individual achievement by using materials other than textbooks and environments outside of the schoolhouse. The influence of the Progressive Education Movement was seen in campus architecture throughout the United States and California beginning in the 1910s, where schoolhouses were replaced by more flexible designs that emphasized natural light, integrated the outdoors, and utilized classroom wings as opposed to a single room. With modern campus designs accounting for multiple classrooms and teachers,

single-subject courses such as agriculture became more accessible (Sapphos Environmental 2014).

In the late nineteenth century, the formation of a California school district required a certain number of students, specific administrative and fiscal conditions, and approval by the County Board of Supervisors. With unchallenging qualifications, many smaller school districts, such as Riverdale, formed all throughout Fresno County. The Riverdale School District formed in 1878, although historical newspapers indicate there was a school in Riverdale as early as 1876. In rural California, families lived farther apart and lacked public transportation, resulting in centrally located schools accessible by foot or by horse. It was not uncommon for students to commute two or more miles by foot each way. As the more remote areas in California grew in population and families lived closer together, the already-established smaller school districts typically unified into larger districts.

The Riverdale Joint Union High School District was organized in 1912 and consisted of the Crescent, Elkhorn, Liberty, North Fork, and Riverdale school districts. The first year of instruction at the Riverdale Joint Union High School served 13 students from Fresno and King counties in the Barritt's Opera House. The following 1913–1914 school year, 23 students were enrolled, and classes were moved to the larger, two-story Fleharty Hall to accommodate the growing population. By 1916, the high school produced its first graduating class, had 50 enrolled students, and operated out of the Odd Fellows Hall.

In 1915, the local community recognized the steady exponential growth of student enrollment at the high school and voted in favor of a $30,000 bond measure for the construction of a new high school campus. After the consideration of numerous site options, the brand-new school was completed in 1916 on Mt. Whitney Avenue in its current location. It was commonly known as "Riverdale High School" and is often referred to as the "Mt. Whitney campus" in historical records.

Following design trends from the Progressive Education Movement, which focused on education tailored to the interests and needs of individual students, the original Riverdale High School included five classrooms and an auditorium, rather than a single-room schoolhouse. The school operated out of the original facilities until 1947, when plans were developed and approved for a new north and south wing with classrooms and new buildings, including a cafeteria, wood and auto shop, and auditorium. Riverdale Joint Union High School District purchased 40 additional acres from 1948 to 1949 and expanded the current high school campus northward. This expansion was likely in response to population growth spurned by the development of nearby Lemoore Naval Air Station. Additionally, tentative plans were made to add a junior high school to the campus. The junior high school, however, was never built despite further population growth. In 1995, the Riverdale Joint Union High School District unified with the Riverdale Joint Union Elementary School District, forming the Riverdale Joint Unified School District (Riverdale Joint Unified School District 2025).

2.4.5 Athletics at Riverdale High School

Riverdale Joint Union High School instituted team athletics since its inception in 1912, as evidenced by historical Fresno County newspapers. Newspapers began reporting on the school's basketball games as early as 1913 and baseball games beginning in 1917 (Fresno Morning

Republican 1913, 1917). A tennis team is noted as early as 1926. While sports teams were not often co-ed, both genders were given an opportunity to participate in athletics at Riverdale Joint Union High School from an early date (Fresno Herald 1919). Newspapers describe a girls' basketball team in 1917 and both a boys and a girls tennis team in 1926. As of 2025, Riverdale High School offers basketball, cheerleading, cross county, golf, soccer, tennis, track, baseball, football, softball, volleyball, and stunt teams.

Of the sporting events at Riverdale High School, most local news coverage has been afforded to the football team, known as the Riverdale Cowboys. The team was formed in 1921, five years after the Mt. Whitney campus opened. The inaugural season included 11 players who competed in a Fresno County league composed of smaller teams from high schools also participating in football for the first time (Fresno Morning Republican 1921). By the end of the 1920s, the football team was an established part of campus culture with events including alumni games and weekly coverage during the season in county newspapers (Fresno Bee 1924).

Of note is athlete, actor, and politician Carlos Alan Autry, also known as Alan Autry or Carlos Brown, who played football as a Riverdale Cowboy in the late 1960s. After graduating from Riverdale High School in 1970, Autry found success in the National Football League, Hollywood, and politics. Autry returned to his hometown of Fresno after retiring from Hollywood. In Fresno, he went on to serve two terms as the mayor from 2001 to 2009 (Editors of Biography 2021).

2.4.6 High School Agriculture Programs in California

The 1917 passage of the Smith-Hughes National Vocational Act drastically altered precollegiate agricultural education in the United States. The act provided federal aid to states for the purpose of promoting vocational education in agriculture, trades and industry, and homemaking. The state-wide funds provided by this act were apportioned among school districts in Fresno County, including Riverdale High School, from the 1920s onward (Fresno Morning Republican 1926).

Shortly after the Smith-Hughes Act, the Future Farmers of America association (FFA) formed in 1928. The FFA provided, and continues to provide, education and training to high school students in preparation for careers in the science, business, and technology of agriculture. In 1928, the association held its inaugural annual nationwide conference, where 18 states were in attendance. Today, the organization boasts 9,163 local chapters in all 50 states. The annual conference allows delegates from each participating state to work together to conceptualize challenges future generations may face attempting to feed a growing population and theorize solutions to those challenges (Future Farmers of America 2025). While California was represented in the very first nationwide FFA conference in Kansas City in 1928, the Riverdale chapter was not formed until 1930 (Rollin 2017). In 1935, Riverdale Joint Union High School sent six delegates to the national FFA convention at California Polytechnic State University in San Luis Obispo (San Luis Obispo Daily Telegram 1935). Today, the Riverdale High School FFA chapter continues to provide students extracurricular opportunities, including livestock exhibition, career development events, and leadership training.

3
METHODS

This chapter describes methods used to complete the cultural resource inventory of the Project area. This includes a records search to identify previous cultural resources and studies within and adjacent to the Project area, archival research, and intensive archaeological and built environment pedestrian surveys.

3.1 RECORDS SEARCH

At Æ's request, the SSJVIC of the CHRIS at California State University, Bakersfield, conducted a records search of the original study area to identify previously recorded cultural resources and prior surveys within and surrounding the study area in a 0.5-mile search radius. SSJVIC staff consulted cultural resource location and survey base maps, reports of previous investigations, and cultural resource records (Appendix B).

3.2 ARCHIVAL RESEARCH

Prior to conducting a pedestrian archaeological survey, Æ's architectural historians conducted background research to identify areas within the Project area where extant historic-aged buildings, structures, or objects might be present, or where archaeological deposits might exist. Desktop and online library research focused on historical newspapers, maps, aerial images, atlases, and photographs. Æ reviewed and compiled information from various sources including:

- Bureau of Land Management General Land Office (GLO) plat maps, 1855 (https://glorecords.blm.gov/default.aspx);
- GLO land patents, 1875 (https://glorecords.blm.gov/search/default.aspx);
- Aerial photographs, accessed through the Map Aerial Locator Tool maintained by California State University, Fresno, 1937, 1942, 1950, 1957, 1961, 1965, 1967, 1970, 1973, 1977, 1992, and 1993 (http://malt.lib.csufresno.edu/MALT/);
- Aerial photographs accessed via HistoricAerials.com administered by NETROnline, 1957, 1984, and 1986 (historicaerials.com);
- USGS topographic maps accessed via USGS topoView, 1924, 1927, and 1954 (https://ngmdb.usgs.gov/topoview/);
- Topographic maps accessed via HistoricAerials.com administered by NETROnline, 1924 and 1954 (historicaerials.com);
- ParcelQuest California Property Database, Parcel Search (https://www.parcelquest.com/features/parcel-search/);
- Historical Census Records and historical records accessed via Ancestry Online Database subscription (http://ancestry.com/);

- Historical newspapers accessed via Newspapers.com administered by Ancestry.com (https://www.newspapers.com/); and

- Fresno County Property Atlases Collection available through the Online Archive of California database, San Joaquin Valley Library System, 1891 by Thos. H. Thompson; 1907 by William Harvey; 1909, 1911, and 1913 by W. C. Guard; 1920 by Progressive Map Service (https://calisphere.org/collections/17170/).

3.3 ARCHAEOLOGICAL AND BUILT ENVIRONMENT FIELD SURVEYS

Æ Staff Archaeologist Justin Tidd conducted an intensive archaeological pedestrian survey of the study area using parallel transects spaced 10–15 meters apart. Tidd documented information on the survey coverage and observations regarding ground visibility and other conditions on digital Survey123 Field Record forms. He took photographs of the Project area using an iPad camera and used a Global Navigation Satellite System Arrow 100 to collect spatial information. Concurrently with the archaeological pedestrian survey, Æ's Architectural Historian Sophia Lynch surveyed the study area to identify historic-era built environment resources. Lynch identified and recorded cultural resources present using an iPad camera and digital Survey123 Field Record forms. All field records and photographs are archived at Æ's office in Fresno, California. Complete documentation of cultural resources within the Project area is included in Appendix C.

4
FINDINGS

This chapter provides results of the SSJVIC records search, background research, and describes the pedestrian surveys, including observations of field conditions and cultural resources identified within the Project area. The records search results were not affected by the minimal changes to the overall Project acreage.

4.1 RECORDS SEARCH

On April 7, 2025, the SSJVIC responded to Æ's records search request (Records Search File No. 25-145). In their response, they identified five previous cultural resource investigations within the study area and four previous investigations in the 0.5-mile search radius. In addition, the records search identified one previously recorded cultural resource within the study area and three previously recorded cultural resources within the 0.5-mile records search radius (Appendix B).

4.1.1 Previous Cultural Resource Studies

There is one previous cultural resource study with an amendment, and four archaeological studies that include the study area (Table 4-1; Appendix B). Of these studies, only one contained a pedestrian survey; it was prepared on behalf of a public utilities/development project (FR-02922). The study covered less than 5 percent of the study area and no cultural resources were identified as a result. The other four studies are larger research overviews and syntheses that do not specifically pertain to the Project area. In addition, four studies have been conducted within the 0.5-mile search radius. While several local canals and ditches were recorded for these studies, none were determined significant or recommended eligible for listing in the CRHR. In addition, no cultural resource studies have been conducted directly adjacent to the Project area.

Table 4-1
Previous Investigations in the Study Area and 0.5-Mile Search Radius

CHRIS Report No.	Author(s)	Year	Title
In the Project Area			
FR-00357	Crist, M.K. and Varner D.M.	1981	*Archaeological Overview and Locational Analysis of the Fresno Area*
FR-00641	Peck, B.J.	1977	*The Distribution of Aboriginal Occupational Sites in Fresno County, California*
FR-01156	Unknown	1968	*A Proposal for an Archaeological Element in the Fresno County, General Plan*
FR-01162	Stuart, D.R.	1990	*A Summary of the Present Archaeological Resources of Fresno County*
FR-02922	Loftus, S.L., and Orfila, R.S.	2012	*Cultural Resources Assessment: 1.29 Acres, Riverdale Well No. 5 Riverdale, Fresno County, California*
FR-02922-A	Pierce, W.	2018	*Riverdale Public Utilities District Amendment Project at Riverdale, Fresno County, California*

Table 4-1 (continued)
Previous Investigations in the Study Area and 0.5-Mile Search Radius

CHRIS Report No.	Author(s)	Year	Title
In 0.5-Mile Radius			
FR-00974	Wren, D.G.	1984	*Love Estates Tract # 3641 EA 2167*
FR-02563	Franco, L., Brum, S., Scoggin, B.	2013	*Riverdale Native American Site Visit and Survey*
FR-02879	Lloyd, J.B., Baloian, R., Wingate, E.	2017	*Cultural Resource Inventory and Evaluation for the Riverdale Wastewater Treatment Plant Expansion Project, Fresno County, California*
FR-03054	Granado, G. et al.	2022	*Cultural Resource Inventory and Built Environment Evaluation for Willow View Apartments, Riverdale, Fresno County, California*

4.1.2 Previously Recorded Resources

The records search results returned one previously recorded resource, a segment of the historic Riverdale Ditch, within the study area, and three previously recorded cultural resources within the 0.5-mile radius (Table 4-2). These resources include a segment of the Southern Pacific Railroad southwest of the Project area, the Turner Ditch north of the Project area, and Burrell Ditch to the south. The Riverdale Ditch, which previously transected the Project area, is no longer present in the Project area. The Riverdale Irrigation District confirmed through electronic communication that the segment of the Riverdale Ditch within the Project area was abandoned at an unspecified date, likely due to modern system upgrades elsewhere in the irrigation network. No precontact resources have been recorded within the Project area or the 0.5-mile search radius.

Table 4-2
Previously Recorded Cultural Resources in the Study Area and 0.5-Mile Search Radius

Primary	Trinomial	Age	Type
In Project Area			
P-10-007056	—	Historic	Structure, Riverdale Ditch
In 0.5-Mile Radius			
P-10-003930	CA-FRE-3109H	Historic	Structure, Southern Pacific Railroad
P-10-007055	CA-FRE-3836H	Historic	Structure, Turner Ditch
P-10-007262	CA-FRE-3931H	Historic	Structure, Burrell Ditch

4.2 BACKGROUND RESEARCH

Æ consulted historical topographic maps, atlases, aerial photographs, land patents, and newspapers to determine the ownership history of the Project area.

4.2.1 Property-Specific History

The Project area is within the southeast quarter of Section 24 of Township 17 South, Range 19 East of the 1954 Riverdale, CA USGS topographic quadrangle. An 1855 GLO map depicts no development within or surrounding the Project area. A dry slough noted as “Grand Tulare and Overflow Land” is immediately west and south of the Project area.

The earliest ownership record of this quarter section is an 1875 GLO land patent granted to James R. Jordan. The 1891 Fresno County Atlas labels "Jos, Johnston Est." as the owner of the parcel containing the Project area. Over the next 20 years, ownership was divided between farmers R.F. and E.E. Johnston, and R.S. and R.E. Gobby according to historical atlas and census records. No buildings or structures are depicted on available maps prior to 1924, which, in combination with the knowledge that the owners were farmers, indicates the land was likely used to raise livestock or crops before becoming a high school campus. Although historical records confirm that the Riverdale Mt. Whitney High School campus was constructed in 1916, subsequent Fresno County atlas maps still label the farmers as owners of the parcels containing the school. No historic-period ownership records are readily available following 1920. Records obtained through Fresno County Assessor data on ParcelQuest list RJUSD as the current owner of the parcel.

Historic aerial photography provides insight into the construction dates for the Project's built resources at Riverdale High School. The earliest available aerial photograph of the Project area is from 1937 and depicts the high school campus, built in 1916, and the Riverdale Ditch running along its east boundary and through the center of the Project area. The next available aerial from 1942 (Figure 4-1) shows no considerable changes. By 1950, the Riverdale High School Stadium was constructed, which included the field, running track, protective earthen berm, west seating, and west entrance and parking lot (Figure 4-2). The small water pump building southwest of the stadium is also depicted on the 1950 aerial. By 1961, the restroom facility was in place west of the stadium, just south of the parking lot. Most of the 1916 buildings were removed and replaced with newly constructed buildings by this time.

Improvements were made to the stadium between 1967 and 1970. From the available aerial photographs, it is evident that the west seating section was extended north and south, and the east seating section was also added. These improvements coincide with records that new sports facilities, including a second gym, locker rooms, a weight room, a physical education classroom, and offices for coaches and physical education teachers, were added in the early 1970s to accommodate the growing needs of the Riverdale High School Athletics department (Riverdale Joint Unified School District 2025).

A row of trees was planted along the north end of the stadium between 1973 and 1977. By 1984, the L-shaped building northeast of the stadium was removed, and the long agricultural building west of the softball field was in place. A small ticket booth building and storage building appears at the southeast corner of the parking lot by 1986. Between 1986 and 1992, additional agricultural buildings and structures were constructed to the west, and the Riverdale Ditch was abandoned and is no longer visible above ground. It was likely abandoned due to modern system upgrades elsewhere in the irrigation network. In 2018, the stadium was dedicated to Jack King, a 1947 four-sport athlete and graduate of the high school, who became a lifelong "superfan" of Riverdale High School athletics. A new scoreboard commemorating "Jack King Field" was installed at the north end of the field in honor of this dedication.

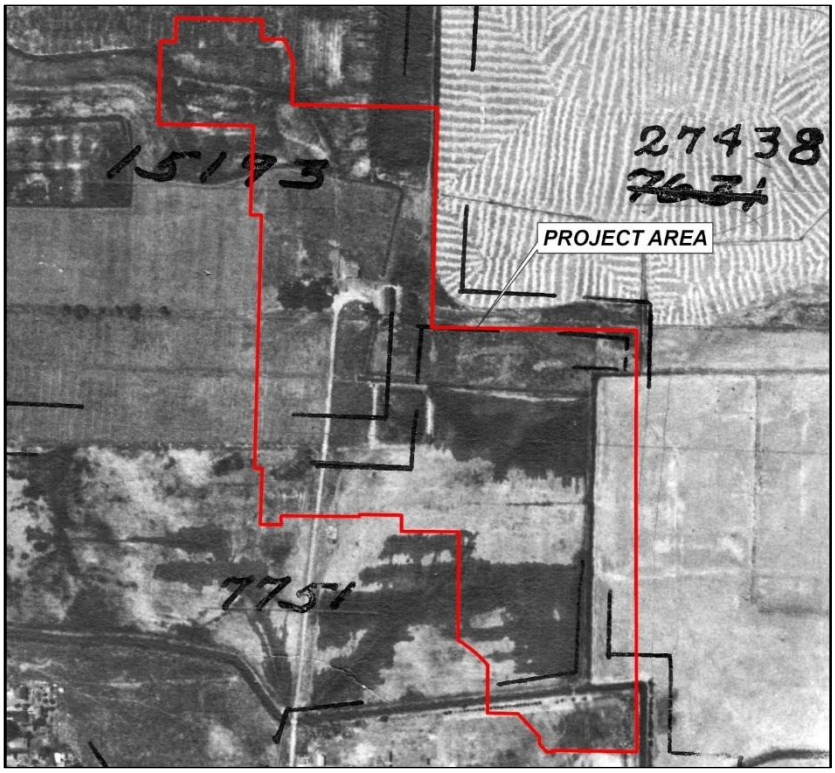

Figure 4-1 **Aerial photograph from 1942 depicting Riverdale High School and site of future stadium.**

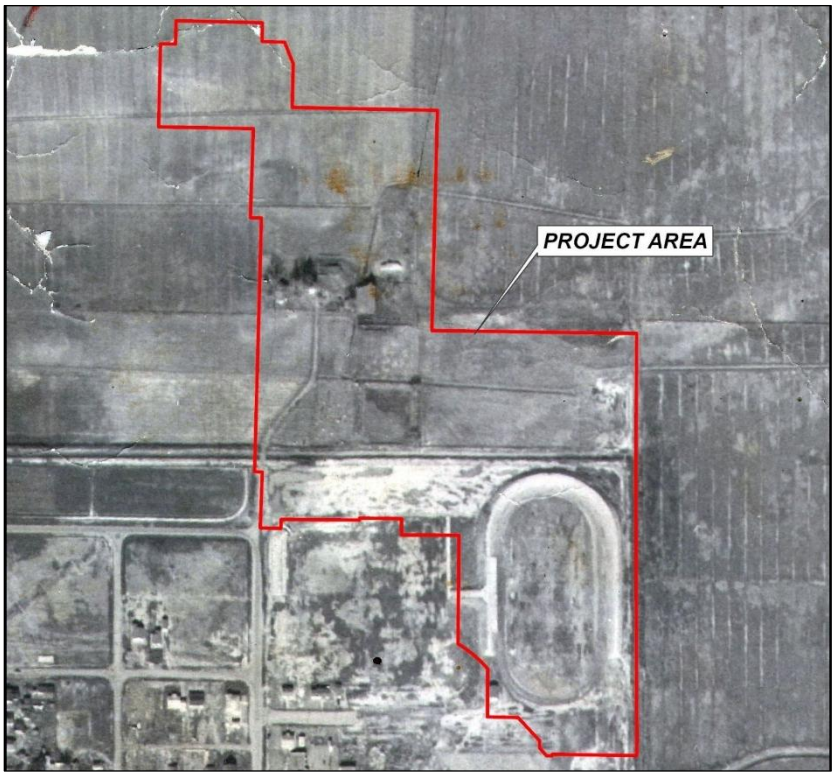

Figure 4-2 **Aerial photograph from 1950 depicting Riverdale High School Stadium.**

4.3 ARCHAEOLOGICAL SURVEY

Æ Archaeologist Justin Tidd conducted an intensive archaeological pedestrian survey on April 25, 2025, prior to the changes made for the current Project area. Tidd surveyed 21.15-acres, or 78.4 percent, of the 26.99-acre study area, including 19.94 acres, or 92.71 percent, of the 21.51-acre Project area. (Figure 4-3). An additional 1.57-acres was added to the Northern Field of the Project area that was not surveyed during the original pedestrian survey. Æ attempted to survey this area but it could not be accessed due to the presence of dense corn stalks (Figure 4-4). Additionally, the southern portion of the baseball practice field was not surveyed as the natural surface of this area has been graded and contains imported fill and landscaping.

The southern portion of the Project area, which includes the Riverdale High School Stadium, concession stand building, restroom facility, and associated buildings and structures, also was heavily disturbed and had less than 10 percent ground visibility. The land between the buildings and structures had either been heavily landscaped or paved over, including a parking lot, several paved roadways, and walking paths (Figure 4-5). Tidd observed bare soils along the margins of the landscaped areas, sports fields, and parking lot. No cultural materials were observed in these areas.

Ground visibility varied in the agricultural fields in the northern portion of the Project area. The southern field, which includes the agricultural barn is directly west of the baseball field and north of the parking lot (Figure 4-6). It had been plowed recently and although the plowing disturbed the ground surface, it provided moderate (50–60 percent) ground visibility. The northern field and proposed basin area farther north contained crops completely obscuring ground visibility (Figure 4-7). No cultural resources were observed in the agricultural fields.

A 45 meter (north–south) by 21 meter (east–west) earthen berm of imported soil is present along the western exterior of the athletic field and stadium seating (Figure 4-8). Visibility was excellent, exceeding 90 percent, over the berm and the 11-meter-wide patch of grass between the berm and the parking lot to the west. A sparse scatter of historic-era glass and ceramic fragments and a precontact handstone (P-10-007683) was observed on the berm and patch of grass.

4.3.1 P-10-007683

P-10-007683 is a 40 meter (north–south) by 15 meter (east–west) low-density refuse scatter of historic-era glass and ceramic fragments and one precontact handstone found on the earthen berm. Historic-era materials include 33 glass shards of various colors (aqua, brown, yellow, cobalt, amethyst, and clear; Figure 4-9), 1 yellow glazed earthenware sherd, and 1 white porcelain sherd. One patinated clear glass ovoid bottle base fragment with no identifiable maker's mark (likely from a liquor bottle) also was observed (Figure 4-10). The handstone, manufactured on a cryptocrystalline silicate cobble, is unifacially ground with light pecking on its margins (Figure 4-11). The artifact was found in a high traffic area adjacent to the football field and was placed under an oleander bush for protection (Figure 4-12). The bush is on top of the berm 25 feet north of the concrete football stands. The DPR forms for the isolate are in Appendix C.

Figure 4-3 Survey coverage and cultural resources map.

Figure 4-4 **Dense corn stalks in a newly identified portion of the Project area not previously covered during the original survey, facing northeast.**

Figure 4-5 **Paved roadway obscuring natural ground surface, facing north.**

Figure 4-6 **Southern agricultural field with moderate visibility. The agricultural barn is visible in the background, facing southeast.**

Figure 4-7 **Northern field with zero visibility, facing north.**

Figure 4-8 **Earthen berm and patch of grass west of the athletic stadium containing P-10-007683, facing north.**

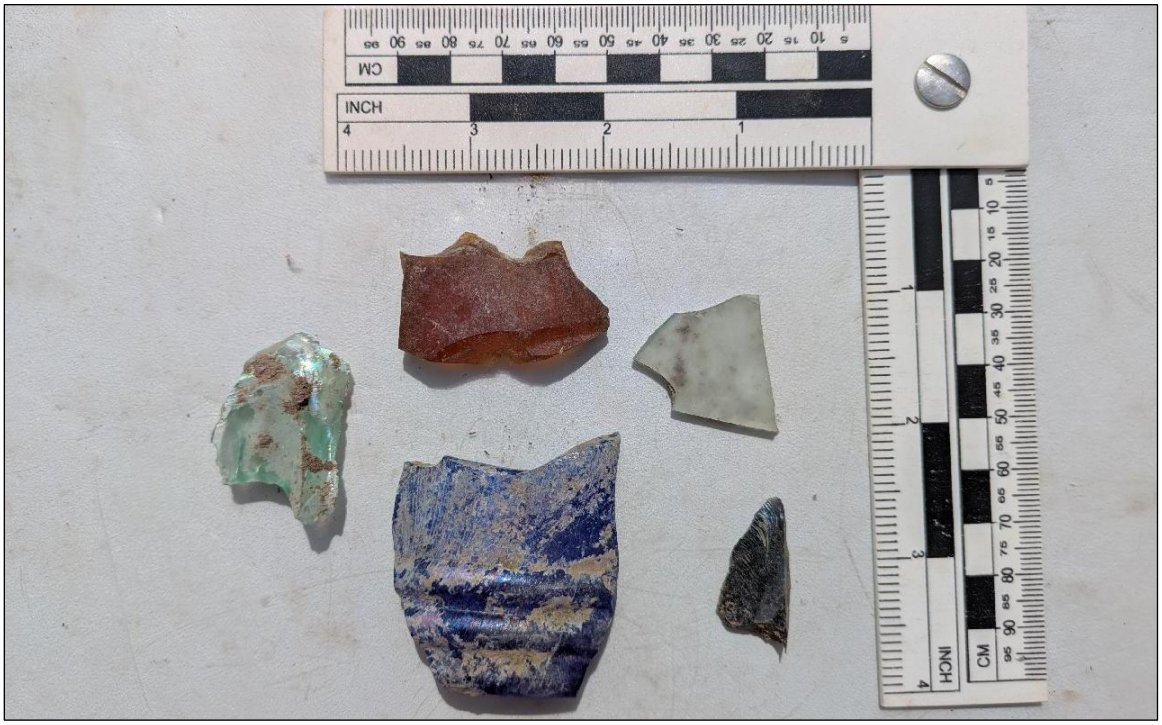

Figure 4-9 **Sample of glass shards from P-10-007683.**

Figure 4-10 Patinated clear glass ovoid bottle base fragment with no visible maker's mark, from P-10-007683.

Figure 4-11 Cryptocrystalline handstone with light pecking found in P-10-007683.

Figure 4-12 Earthen berm containing P-10-007683, facing north. The double flags in the foreground mark the original location of the handstone; it was moved underneath the oleander bush on the right side of the photo.

4.4 BUILT ENVIRONMENT SURVEY

On April 25, 2025, Æ Architectural Historian Sophia Lynch conducted an intensive built environment survey of the study area that includes a portion of outdoor recreational facilities on the Riverdale High School campus, and confirmed the presence of four built environment resources within the Project area: Riverdale High School Stadium, pump building, concession stand, and agricultural barn, and one built environment resource immediately adjacent to the Project area, the restroom facility. Only a small portion of facilities on the campus are within the Project area, and because it is outside the scope of work, the campus was not surveyed and recorded in its entirety. Additionally, the campus was developed in a sprawling manner over time that was not master planned. Physical descriptions of the resources are provided below and identified in Figure 4-3. Corresponding DPR forms for the four recorded cultural resources are in Appendix C. Æ also prepared an update to the current DPR form to reflect that the Riverdale Ditch is no longer present within the Project area.

4.4.1 Riverdale High School Stadium

The Riverdale High School Stadium (P-10-007687, CA-FRE-4071H) is comprised of a grass sports field bounded by an oval, dirt track loop, concrete stadium seating along the east and west sides of the field, and a press box within the west seating section that marks the stadium's main entrance. An earthen berm with vegetation encloses the north and northeast side of the stadium. The berm contains a lower section of concrete stadium seating along the east side of the field. The south end of the stadium is open to the campus. The stadium is bounded by the high school baseball and softball junior varsity fields to the north, campus buildings to the south, and

Bogdanoff Field (a baseball field) to the west. The main entrance is accessible by concrete sidewalks that connect to a rectangular, paved parking lot northwest of the stadium. While the built elements of the stadium are not representative of a distinct architectural style, their design language is consistent with that of other buildings on campus from around the middle of the twentieth century.

The central grass field is 525 feet long and 225 feet wide and is enclosed by a 1,312-foot (400 meter) dirt running track (Figures 4-13 and 4-14). The field is painted with the standard 360-foot-long football field grid, and two modern football goal posts and soccer goals are at each end of the painted field. A modern scoreboard is at the far north end of the stadium.

The west seating is 300 feet long and includes eight rows of tiered seating. The seating is separated into five sections by six staircases (Figure 4-15). It has a poured concrete foundation, topped by metal bench seats, and is enclosed by a chain link fence. Seating is accessible through four gates, with two at the bottom and two at the top of the seats. The gates at the top of the seats allow access to the stadium seating from the west entrance to the stadium. The south end of the seats are painted green and lettered with "cowboy pride" in white paint.

The two-story, plaster-clad press box is to the rear of the west stadium seating (Figure 4-16). The building has a rectangular floor plan and is topped by a lowly-pitched shed roof. The press box has three entrances with flush metal doors: one on the north elevation and two on the south elevation. One of the entrances on the south elevation is on the second story and is accessed by a mobile ladder. Fenestration consists of six windows. Four aluminum double hung windows are on the west elevation and two are on the east elevation, overlooking the field. The windows on the east elevation are fitted with retractable wood shutters. The west elevation faces the stadium entrance and is decorated with the Riverdale School mascot, a cowboy riding a bucking horse, in the center, flanked by the words "Riverdale Cowboys."

Figure 4-13 North end of the field and track, facing northeast.

Figure 4-14 South end of the field and track, facing southeast.

Figure 4-15 Larger, west set of stadium seating with east elevation of the press box, facing west.

Figure 4-16 West elevation of the press box at the west entrance to the stadium, facing east.

4.4.2 Restroom Facility

The restroom facility (P-10-007686, CA-FRE-4070H) is an unadorned one-story concrete building covered by a shingle-covered gable roof (Figures 4-17 and 4-18). It is in a fenced area immediately south of the stadium parking lot. The building features overhanging boxed eaves with wood fascia boards. Its concrete walls are clad in plaster. Entry to the individual gender-separated sections is gained through single-width pedestrian doors on both east and west elevations. Metal privacy screens shield the restroom entrances from view. Three boarded-up windows are evenly spaced on the south elevation; the board covering the central window has collapsed inward. No other fenestration is present. While the restroom facility is not representative of a distinct architectural style, its design language is consistent with that of other buildings on campus, including the stadium.

4.4.3 Pump Building

The water pump building (P-10-007685, CA-FRE-4069H) is an unadorned one-story concrete building covered by a shingle-covered gable roof. It is immediately southwest of the Riverdale High School Stadium. The building features overhanging boxed eaves with wood fascia boards. Its concrete walls are clad in plaster. The primary (south) elevation has a centered, single-width door for pedestrian access (Figure 4-19). A corrugated metal sliding utility door is on the north elevation. The west elevation has two vinyl, single-hung windows to either side (Figure 4-20). The west elevation is fronted by a paved, fenced storage area. No fenestration is present on the east elevation. Two concrete ground mounts and metal ductwork are adjacent to the east elevation, presumably associated with a no longer extant water storage tank.

Figure 4-17 East and north elevations of the restroom facility, facing northwest.

Figure 4-18 West and south elevations of the restroom facility, facing northeast.

Figure 4-19 Primary (south) elevation of the pump building, facing north.

Figure 4-20 West elevation of the pump building, facing east.

4.4.4 Concession Stand

The concession stand is a one-story vernacular style building with western folk influences (McAlester 2015). The building is at the south end of the oval running track in a gravel lot. It is covered by a shingle-covered shed roof that is obstructed from view by a wood parapet on the primary elevation. It is rectangular in mass with wood board and batten cladding. The primary (north) elevation features a wood, shingle-covered porch (Figure 4-21). The concession vending window is centered on the north elevation. The porch is accessible by centered wood steps or,

alternatively, by wheelchair-accessible concrete ramps to either side of the building. The building is accessible by a pedestrian door on the west elevation. No other fenestration is present and all other elevations are unadorned and have wood board and batten cladding (Figure 4-22).

Figure 4-21 Primary (north) elevation of the concession building, facing south.

Figure 4-22 Rear (south) elevation of the concession building, facing north.

4.4.5 Agricultural Barn

Æ recorded two buildings and ancillary structures associated with agricultural education at the Riverdale High School in the west and north sections of the Project area. An open, metal pipe-

framed barn is just east of South Hazel Avenue and west of the softball junior varsity field. The barn has a low-pitched gable roof covered by corrugated metal sheets. The barn is open to the exterior on all sides, revealing hollow metal roof supports (Figure 4-23). The interior of the barn contains a central breezeway flanked by two rows of livestock stables. The stables are composed of rounded metal fencing, with a cinderblock half-wall along the breezeway side and metal gates on the exterior-facing side. A shed room is attached to the east end of the barn.

A smaller, timber-framed ancillary building is adjacent to the northeast of the barn. It is topped by a shed roof covered by standing seam metal sheets. A water tank, wooden crates, and mobile livestock trailers are adjacent to the north of the buildings, and a corral enclosure is adjacent to the south of the buildings. The agricultural buildings and structures are enclosed by a system of modern chain link fences (Figure 4-24).

Figure 4-23 Barn with stables, facing southeast.

Figure 4-24 Agricultural barn facilities, facing southwest.

5
HISTORIC RESOURCE EVALUATIONS

This chapter presents the CRHR evaluation criteria and eligibility evaluation of the recorded built environment resources within the Project area, which is a portion of outdoor recreational facilities on the Riverdale High School campus: Riverdale High School Stadium, pump building, concession stand, and agricultural barn. It also provides an eligibility evaluation for the restroom facility, which is outside and directly adjacent to the Project area, to support future development at Riverdale High School. Details of the evaluations are provided below; additional information for the four evaluated resources is provided on the DPR 523-series record forms in Appendix C. Æ prepared an update for the Riverdale Ditch DPR form; however, it was not evaluated because it is nonextant.

5.1 EVALUATION CRITERIA

To determine whether the Project will have a significant impact on a potential historical resource, cultural resources within the Project area must be evaluated for eligibility to be listed in the CRHR. If a resource qualifies as a historical resource, the potential for the Project to cause a significant adverse change to the qualities of the resource that make it eligible will require assessment, and the impacts may be subject to mitigation to reduce the impacts to less than significant. Cultural resources that are not eligible for listing in the CRHR do not require further consideration. The National Park Service (NPS) has established a process for identifying, evaluating, and assessing effects to historic properties (i.e., cultural resources eligible for listing in the federal National Register of Historic Places). Practically speaking, determinations made within a federal regulatory context are almost always universally accepted for purposes of identifying, evaluating, and assessing impacts under CEQA. Thus, the NPS guidelines are applicable and have been integrated into the process outlined herein.

The first threshold in this process is to ascertain whether a site or built environment resource within the Project area is old enough to be considered a historical resource and, accordingly, eligible for listing in the CRHR. To be eligible for listing in the CRHR, an archaeological or built environment resource must be 45 years old or older. Documentation of resources less than 45 years old also may be filed if those resources have been formally evaluated, regardless of the outcome of the evaluation (Office of Historic Preservation 1995:2). If a resource is found to meet this age criterion, the following sequential steps apply:

- Classifying the resource as a district, archaeological site, building, structure, or object;
- Determining the theme, context, and relevant thematic period of significance with which the resource is associated;
- Determining whether the resource is historically important under a set of significance criteria; and
- If significant, determining whether the resource retains integrity.

In California, historical resources are usually classified according to *Instructions for Recording Historical Resources*, published by the California Office of Historic Preservation in 1995. This handbook contains listings of resource categories for historical and precontact sites as well as standing structures. For built environment resources, it is additionally helpful to define a property's type (e.g., commercial vs. residential, urban vs. rural, agricultural vs. industrial).

The significance of a historical resource is best understood and judged in relation to a historic context (Office of Historic Preservation 1995:9). The evaluation process essentially weighs the relative importance of events, people, and places against the larger backdrop of history. Within this process, the context provides the comparative standards and/or examples as well as the theme(s) necessary for this assessment. According to the NPS (1997), a theme is a pattern or trend that has influenced the history of an area over time. A theme is typically couched in geographic (i.e., local, state, or national) and temporal terms to focus and facilitate the evaluation process.

Significance is based on how well a subject resource represents one or more themes through its associations with important events or people and/or through its inherent qualities. A resource must demonstrate more than just association with a theme; it must be a good representative of the theme, capable of illustrating the various thematic elements of a time and place in history.

According to the CEQA Guidelines, for a historical resource to be eligible for listing in the CRHR, it must meet at least one of the criteria defined in California PRC 5024.1(c):

1. Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage.

2. Is associated with the lives of persons important in our past.

3. Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values.

4. Has yielded, or may be likely to yield, information important in history or prehistory.

If a resource does not possess historical significance, a discussion of integrity is not required.

5.2 ASPECTS OF INTEGRITY

To be included in the CRHR, a resource must not only possess historical significance but also the physical means to convey such significance—that is, it must possess integrity. Integrity refers to the degree to which a resource retains and expresses its original character. To facilitate this assessment, the NPS (1997:44-45) provides the following definition of the seven aspects of integrity. These aspects of integrity have been adopted by the CRHR.

1. Location is the place where the historic property was constructed or the place where the historic event occurred;

2. Design is the combination of elements that create the form, plan, space, structure, and style of a property;

3. Setting is the physical environment of a historic property;

4. Materials are the physical elements that were combined or deposited during a particular period and in a particular pattern or configuration to form a historic property;

5. Workmanship is the physical evidence of the crafts of a particular culture or people during any given period in history or prehistory;

6. Feeling is a property's expression of the aesthetic or historic sense of a particular period of time; and

7. Association is the direct link between an important historic event or person and a historic property.

5.3 CRHR EVALUATIONS

Æ evaluated the Riverdale High School Stadium, restroom facility, pump building, concession stand, and agricultural barn for CRHR-eligibility as part of the current study. This entailed an assessment of historical significance and a discussion of integrity, as applicable, of each individually recorded historic-era built environment resource. Only a portion of outdoor recreational facilities on the Riverdale High School campus is within the Project area and current scope of work. Additionally, the campus developed in a sprawling manner over time that was not master planned. The campus in its entirety was not surveyed and recorded; thus, the entire Riverdale High School campus is not being evaluated for historical significance as part of this Project.

5.3.1 Riverdale High School Stadium

As detailed in Section 4.2, the Riverdale High School Stadium is within the northeast half of the campus. It is first visible in historic aerial photographs dating to the 1940s, making it at least 75 years of age. To ascertain whether the stadium possesses historical significance and has the potential to be eligible for inclusion in the CRHR, a formal discussion of the evaluation criteria is required.

5.3.1.1 Significance

Criterion 1—Associated with events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the United States. The stadium appears to have been constructed between 1942 and 1950. It is a commonplace building type within the development of high school campuses throughout California during the mid-twentieth century, during which most construction was characterized by what could be accomplished in the most economic manner to meet the widespread demand of the nationwide population boom. This would especially be the case in the 1940s, during and immediately post-World War II. Archival research did not reveal that the stadium was associated

with any specific events or trends that have made significant contributions to the patterns of California's history and cultural heritage. The stadium does not appear to have been the site of any noteworthy advancements related to Riverdale High School campus, high school athletics, outstanding accomplishments in sports, or other significant historical events. Therefore, the stadium is not considered significant under Criterion 1.

Criterion 2—Associated with the lives of persons important to local, California, or national history. Review of regional histories, available property atlases and maps, and historical newspapers revealed limited information about two potentially significant individuals that have a tangential association with the stadium. Athlete, actor, and politician Alan Autry attended Riverdale High School. While Autry likely played football at the stadium, his time as a student predates any of his professional accomplishments. Therefore, the stadium is not representative of Autry's most notable accomplishments. In recent years, the stadium was named after former student and athlete Jack King. No evidence was found to suggest that the stadium is closely associated with any significant contributions to local, California, or national history by this individual. Historical ownership records for the land from the time of construction were unavailable and supplemental research did not reveal significant persons associated with the land the stadium was built on, or the stadium itself. It does not appear to be associated with widely recognized athletes or other historically significant individuals or groups. For this reason, the stadium is not considered significant under Criterion 2.

Criterion 3—Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of a master, or possesses high artistic values. The Riverdale High School Stadium is an example of a commonplace building type found on high school campuses across the country, especially during the mid-twentieth century. During the 1940s, construction often utilized simple forms that could be replicated, readily available materials, and little to no ornamentation in order to economically meet the demands of a nationwide population boom. It is not representative of a significant architectural style, and the architect is unknown. It is not distinctive of a defined, historically significant type, period, or method of construction, it is not the work of a master, and it does not possess high artistic value. For these reasons, the stadium is not considered significant under Criterion 3.

Criterion 4—Has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation. Criterion 4 applies to built environment resources if further study has the potential to yield information that cannot be obtained from other sources. However, the stadium is an example of a common resource type in California that has been well documented. Æ has exhausted available sources and no additional information could be gleaned from subsequent field visits. Therefore, Æ does not anticipate that any additional information can be identified that would prove the resource to be significant. The stadium is not considered significant under Criterion 4.

5.3.1.2 Eligibility

A discussion of integrity is not required because the resource does not possess historical significance. The Riverdale High School Stadium does not possess significance under the CRHR criteria for evaluation; therefore, it is recommended ineligible for listing in the CRHR and does not qualify as a historical resource for the purposes of CEQA.

5.3.2 Restroom Facility

The restroom facility is within the west half of the campus, immediately south of the stadium parking lot. It is first visible in a historical aerial photograph from 1965, making it at least 60 years of age. To ascertain whether the building possesses historical significance and has the potential to be eligible for inclusion in the CRHR, a formal discussion of the evaluation criteria is required.

5.3.2.1 Significance

Criterion 1—Associated with events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the United States. The restroom facility appears to have been constructed between 1961 and 1965. It does not appear to have been the site of any noteworthy advancements related to Riverdale High School campus. Archival research did not reveal that the building was associated with any specific events or trends that have made significant contributions to the patterns of California's history and cultural heritage. Therefore, the restroom facility is not considered significant under Criterion 1.

Criterion 2—Associated with the lives of persons important to local, California, or national history. Review of regional histories, available property atlases and maps, and historical newspapers did not reveal any information about potentially significant individuals or groups associated with the restroom facility. While historical ownership records for the land from the time of construction were unavailable, supplemental research did not reveal significant persons associated with the land the facility was built on, or the building itself. For this reason, the restroom facility is not considered significant under Criterion 2.

Criterion 3—Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of a master, or possesses high artistic values. The restroom facility is one of several buildings on the Riverdale High School campus constructed in a unified design language characterized by unadorned, plastered concrete and simple roof types. Buildings from this era of campus development are mostly utilitarian in function and share a sober paint scheme. The restroom facility is not representative of a significant architectural style. It is not distinctive of a defined, historically significant type, period, or method of construction, it is not the work of a master, and it does not possess high artistic value. For these reasons, the restroom facility is not considered significant under Criterion 3.

Criterion 4—Has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation. Criterion 4 applies to built environment resources if further study has the potential to yield information that cannot be obtained from other sources. However, the restroom facility is an example of a common resource type in California that has been well documented. Æ has exhausted available sources and no additional information could be gleaned from the field visit. Therefore, Æ does not anticipate that any additional information can be identified that would prove the building to be significant. The restroom facility is not considered significant under Criterion 4.

5.3.2.2 Eligibility

A discussion of integrity is not required because the resource does not possess historical significance. The restroom facility does not possess significance under the CRHR criteria for evaluation; therefore, it is recommended ineligible for listing in the CRHR and does not qualify as a historical resource for the purposes of CEQA.

5.3.3 Pump Building

The pump building is immediately southwest of the stadium. It is first visible in historical aerial photographs dating to 1950, making it at least 75 years of age. To ascertain whether the building possesses historical significance and has the potential to be eligible for inclusion in the CRHR, a formal discussion of the evaluation criteria is required.

5.3.3.1 Significance

Criterion 1—Associated with events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the United States. The pump building appears to have been constructed by 1950. It does not appear to have been the site of any noteworthy advancements related to Riverdale High School campus. Archival research did not reveal that the building was associated with any specific events or trends that have made significant contributions to the patterns of California's history and cultural heritage. Therefore, the restroom facility is not considered significant under Criterion 1.

Criterion 2—Associated with the lives of persons important to local, California, or national history. Review of regional histories, available property atlases and maps, and historical newspapers did not reveal any information about potentially significant individuals or groups associated with the pump building. While historical ownership records for the land from the time of construction were unavailable, supplemental research did not reveal significant persons associated with the land the building was built on, or the building itself. For this reason, the pump building is not considered significant under Criterion 2.

Criterion 3—Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of a master, or possesses high artistic values. The pump building is one of several buildings on the Riverdale High School campus constructed in a unified design language characterized by unadorned, plastered concrete and simple roof types. Buildings from this era of campus development are mostly utilitarian in function and share a sober paint scheme. The pump building is not representative of a significant architectural style. It is not distinctive of a defined, historically significant type, period, or method of construction, it is not the work of a master, and it does not possess high artistic value. For these reasons, the pump building is not considered significant under Criterion 3.

Criterion 4—Has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation. Criterion 4 applies to built environment resources if further study has the potential to yield information that cannot be obtained from other sources. However, the pump building is an example of a common resource type in California that has been well documented. Æ has exhausted available sources and no additional information could be gleaned from the field visit. Therefore, Æ does not anticipate

that any additional information can be identified that would prove the building to be significant. The pump building is not considered significant under Criterion 4.

5.3.3.2 Eligibility

A discussion of integrity is not required because the resource does not possess historical significance. The pump building does not possess significance under the CRHR criteria for evaluation; therefore, it is recommended ineligible for listing in the CRHR and does not qualify as a historical resource for the purposes of CEQA.

5.3.4 Concession Stand

While Æ recorded the concession stand in the field, archival research revealed that the building does not meet the age requirement for evaluation. To be eligible for listing in the CRHR, an archaeological or built environment resource must be 45 years old or older. The concession stand does not appear in historical aerial photographs until after 1993 and therefore does not warrant consideration for the purposes of CEQA. No further management of this resource is required at this time.

5.3.5 Agricultural Barn

While Æ recorded the agricultural barn and associated ancillary structures in the field, archival research revealed that the structures do not meet the age requirement for evaluation. To be eligible for listing in the CRHR, an archaeological or built environment resource must be 45 years old or older. The barn does not appear in historical aerial photographs until 1984 and therefore does not warrant consideration for the purposes of CEQA. No further management of this resource is required at this time.

6
SUMMARY AND MANAGEMENT RECOMMENDATIONS

At the request of RJUSD, Æ conducted a cultural resource inventory and evaluation for the proposed Riverdale High School Improvement Project. The proposed Project includes making improvements or replacing several extant buildings and structures within a 21.51-acre Project area. The Project is subject to CEQA, which mandates public agencies determine whether a proposed project will cause a significant change to the environment, including cultural resources. The Project area occupies the land northeast of the intersection of West Mount Whitney and South Marks avenues.

To assist RJUSD in fulfilling their responsibility under CEQA, Æ conducted a cultural resource study to identify historical resources (i.e., cultural resources listed or eligible for listing in the CRHR) within the Project area. Accordingly, Æ performed background research, obtained a records search from the SSJVIC, and conducted an intensive archaeological and historic built environment pedestrian survey of all accessible lands proposed for impacts within the Project area. Additionally, Æ evaluated the historic significance of four built environment resources for CRHR-eligibility.

The RJUSD consulted with Native American local tribes and individuals under Assembly Bill 52. Æ did not conduct additional tribal outreach as part of this Project.

6.1 SUMMARY

The records search conducted by the SSJVIC reported one previously recorded cultural resource within the Project area, a nonextant segment of the Riverdale Ditch, and three historic-era resources within the 0.5-mile search radius. Additionally, the SSJVIC revealed that five cultural resources investigations have occurred within the Project area (overlapping less than 5 percent of the property), and four investigations have been conducted within the 0.5-mile search radius.

Æ conducted an archaeological and historic built environment survey of 21.15 acres, or 78.4 percent, of the 26.99-acre study area, including 19.94, or 92.71 percent, of the 21.51-acre Project area proposed for development. Æ's archaeological pedestrian survey identified a sparse artifact scatter containing various colored historic-era glass fragments, a few ceramic sherds, and a precontact handstone. It was found on the berm of imported soil (likely secondary context) and recorded as an isolate (P-10-007683). The Riverdale Irrigation District confirmed that the historical location of the Riverdale Ditch is within the Project area but was abandoned.

Æ architectural historians identified four built environment resources in the Project area, as well as one outside but immediately adjacent to the Project area, and confirmed that three of them meet the age criteria (older than 45 years) of a historical resource: Riverdale High School Stadium, restroom facility, and pump building. The other two buildings (concession stand and agricultural barn) were constructed less than 45 years ago and were not evaluated or recorded during this study. Æ recorded the four built environment resources on the appropriate DPR 523-series forms and evaluated them for CRHR-eligibility. Æ concludes that they do not possess

the required historical significance to qualify for listing in the CRHR. As such, they do not qualify as historical resources per CEQA.

6.2 RECOMMENDATIONS

Although Æ's study did not identify historical resources within the Project area, isolate P-10-007683 was observed on the earthen berm north of the stadium. Per communication from RJUSD, the soils used to construct the berm were imported prior to accurate record keeping and the origins are unknown. Given the presence of precontact and historic-era items on the surface of the berm, there is an increased likelihood that additional cultural material may be mixed in the berm soils. Additionally, given the low ground visibility in the northern portion of the Project area, there is a possibility that cultural resources are present but were obscured from view during the survey. Æ recommends the following measures be adopted.

6.2.1 Archaeological Mitigation Measures

Mitigation Measure CULT-1 Full-Time Archaeological Monitoring. Due to the known sensitivity of the Project area, a qualified archaeologist shall monitor ground-disturbing activities during all phases of the proposed Project. The archaeologist will coordinate with the Tribal monitor, construction contractor, and RJUSD representatives to determine the grading schedule, sensitivity training needs, and procedures to follow if inadvertent finds are discovered. Monitoring shall continue until all ground-disturbing activities for each phase are complete or as otherwise agreed upon in writing by the project archaeologist, Tribal representative(s) (assumed to be the Santa Rosa Rancheria Tachi Yokut Tribe), and RJUSD.

RJUSD shall contract with a qualified firm to ensure an archaeological monitor will be on site during all ground-disturbing activities in areas of high concern. These activities include:

- Excavation of the existing soil berm of the stadium;
- Trenching or excavation for utilities deeper than 1.5 foot below the existing ground surface in all Project areas;
- Excavation of the stormwater basin;
- Initial earthwork for the multi-use athletics fields in undeveloped farmland, until soil import activities have concluded; and
- All earthwork for the agricultural barn in undeveloped farmland.

The archaeological monitor shall have the authority to temporarily halt or redirect construction activities if potentially significant cultural resources are encountered. If such resources are identified, all earthwork in the vicinity shall cease, and Mitigation Measures (MM) CULT-5 and TC-3 shall be implemented.

Mitigation Measure CULT-2 Part-Time Archaeological Monitoring. In addition to CULT-1, areas of moderate concern shall also be monitored by a qualified archaeologist who, in

coordination with the Tribal monitor, will conduct periodic spot-check monitoring of earthwork activities including:

- Grading for the redevelopment of the stadium;
- Grading for the redevelopment of the parking lot;
- Grading for the redevelopment of South Hazel Avenue; and
- Grading of the multi-use athletics fields, after soil import has concluded.

The frequency and schedule of spot-check monitoring shall be determined in consultation with the Tribal monitor/representative prior to the start of construction, based on the sensitivity of the area and the scope of ground disturbance. The archaeological monitor shall have the authority to temporarily halt or redirect construction activities if potentially significant cultural resources are encountered. If any potentially significant cultural resources are discovered, all work in the vicinity area shall cease, and MM CULT-5 and TC-3 shall be implemented.

Mitigation Measure CULT-3 Worker Environmental Awareness Program. A Worker Environmental Awareness Program shall be conducted prior to any ground-disturbing activities. The purpose of the training is to educate the construction crew and establish protocols for treating unanticipated cultural resource finds. The project archaeologist shall provide cultural resources awareness training to all construction personnel. This training will include descriptions of the types of resources that may be found in the Project area, the protocols to be used in the event of an unanticipated discovery, provide contact information for the archaeological firm and the monitoring Tribe, and identify the laws protecting significant archaeological and historical resources. The archaeological firm will coordinate with the monitoring Tribe to include any additional concerns in the workers environmental training program presentation to temporarily provide information to construction personnel should a representative not be immediately available to provide the Tribal training in MM TC-3. Such concerns could include Assembly Bill 52 (AB 52) requirements, laws and regulations, respect for Tribal requests, the ability to temporarily redirect construction traffic by both cultural monitors, and any other concerns as applicable.

The training may be provided via a pre-recorded video or given on site by the archaeologist as needed and will be conducted in coordination with the Tribal training required in MM TC-5, and attendance shall be documented by sign-in sheets or equivalent verification. Documentation shall be submitted to the District prior to the commencement of ground disturbance and included in reports prepared pursuant to MM CULT-6.

For the purposes of this measure, “construction personnel” includes contractors, subcontractors, equipment operators, laborers, and supervisory staff engaged in or overseeing ground-disturbing activities. The term does not include delivery drivers, vendors, furniture installers, or other workers whose on-site presence is limited to short-term tasks outside of ground-disturbance areas. This training requirement applies only during the period in which ground-disturbing activities occur. Once all earthwork is complete, additional trainings for new personnel is not required.

Mitigation Measure CULT-4 Monitoring Plan. Archaeological and Tribal monitoring methods and procedures shall be documented in a Cultural Resource Monitoring Plan (CRMP). At least 30 days prior to construction of the Project's first phase, the project archaeologist, in coordination with the Tribal monitor, will begin preparing the CRMP. The CRMP shall be approved by the RJUSD at least 5 days prior to the start of construction and a final copy maintained on site throughout construction activities. The CRMP will cover all phases of Project development and, at a minimum, outline the project schedule, define the areas to monitor, identify the roles of the archaeologist and the Tribal monitor/representative, provide contact information, review safety procedures, and discuss the procedures to follow in the event of a cultural resource discovery.

Mitigation Measure CULT-5 Unanticipated Discoveries. If any cultural materials are identified, the archaeologist should temporarily halt the ground disturbance within 100 feet of the find(s) and notify the Tribal monitor and on-site supervisor. The archaeologist, in coordination with the Tribal monitor, shall assess the find to determine if materials are isolated or part of a larger archaeological deposit. If an archaeological site is identified, the resource should be evaluated for significance under CEQA criteria and further treatment measures may be required. The evaluation shall consider the resource's eligibility and its potential as a TCR under PRC Section 21074. If the resource(s) is determined to be a TCR, procedures outlined in the CRMP and MM TC-3 will be followed. Should the discovery be identified as human remains, procedures outlined in California Health and Safety Code 7050.5 will be followed (see Section 6.2.3).

Mitigation Measure CULT-6 Monitoring Report. A monitoring report shall be prepared by the project archaeologist within 60 days of completion of all construction monitoring for each phase of Project development. The reports will, at a minimum, describe the methods of monitoring, discuss any cultural resources discovered and how they were managed, include an evaluation of eligibility for the discovered resources, if applicable; provide a list of involved personnel; and provide any additional recommendations if appropriate. Once each report has been finalized, the archaeologist will prepare final digital submissions for RJUSD and the monitoring Tribe. The archaeological firm will also submit digital copies to the SSJVIC.

6.2.2 Tribal Mitigation Measures

As part of formal AB 52 consultation, RJUSD discussed the results of Æ's pedestrian survey with the SRR and the discovery of the precontact hand stone. During their consultation, SRR provided their concerns regarding the sensitivity of the Project area and discussed requested mitigation measures. To date, RJUSD has proposed draft mitigation measures to the SRR that are still pending review, comments as needed, and approval from the SRR, which will continue until the close of AB 52 consultation. Based on the findings of this evaluation and ongoing consultation with SRR, the following tribal mitigation measures are recommended:

Mitigation Measure TC-1 Full-Time Earthwork Tribal Cultural Resource Monitoring. To avoid potential impacts to TCRs, a qualified Tribal monitor from the SRR shall be retained by RJUSD. The Tribal monitor shall be present to observe all ground-disturbing activities in areas of high concern of all phases, including, but not limited to, grading, excavation, trenching, and augering. If a Tribal monitor is temporarily unavailable, earthwork in high-potential areas shall

not proceed unless: (a) a Tribal monitor has conducted a pre-activity inspection (spot check) and cleared the work area, or (b) the qualified archaeological monitor required by MM CULT-1 is present on site. The requirement for Tribal monitoring shall be noted on all construction documents for all phases and verified by RJUSD prior to the commencement of ground-disturbing activities for all phases. Monitoring shall continue until all ground-disturbing activities for each phase are complete or as otherwise agreed upon in writing by the Tribal representative(s), project archaeologist, and RJUSD. The areas of high concern include:

- Excavation of the existing soil berm of the stadium;
- Trenching or excavating for utilities deeper than 1.5 foot below the existing ground surface in all Project areas;
- Excavation of the stormwater basin;
- Initial earthwork for the multi-use athletics fields in undeveloped farmland, until soil import activities have concluded; and
- All earthwork for the agricultural barn in undeveloped farmland.

The Tribal monitor shall have the authority to temporarily halt or redirect construction activities if potentially significant TCRs are encountered. If such resources are identified, all earthwork in the vicinity shall cease, and MM TC-3 and CULT-5 shall be implemented.

All phases of earthwork monitoring shall be documented in a CRMP developed in coordination with the SRR and the qualified project archaeologist as required by CULT-4, and maintained on site. Monitoring documentation shall be submitted to the RJUSD upon completion of ground-disturbing activities for each phase (MM CULT-6).

Mitigation Measure TC-2 Spot-Check Earthwork Tribal Cultural Resources Monitoring. In addition to TC-1, areas of moderate concern shall also be monitored by a retained SRR monitor who, in coordination with the archaeologist, will conduct periodic spot-check monitoring of earthwork activities including:

- Grading for the redevelopment of the stadium;
- Grading for the redevelopment of the parking lot;
- Grading for the redevelopment of South Hazel Avenue; and
- Grading of the multi-use athletics fields, after soil import has concluded.

The frequency and schedule of spot-check monitoring shall be determined in consultation with the project archaeologist prior to the start of construction, based on the sensitivity of the area and the scope of ground disturbance. The Tribal monitor shall have the authority to increase the frequency of monitoring if site conditions indicate a higher potential for encountering TCRs. If any potentially significant TCR are discovered, all work in the vicinity area shall cease and MM CULT-5 and TC-3 shall be implemented.

Mitigation Measure TC-3 Unanticipated Discovery of Tribal Cultural Resources. If TCRs including human remains, cultural materials, features, or artifacts, are discovered during ground-disturbing activities, all work within 100 feet of the discovery shall immediately cease. The construction contractor shall immediately notify the construction manager, the Tribal monitor (as identified in TC-1 and TC-2), and the qualified archaeologist as required in CULT-1.

The significance of the discovery shall be evaluated by the qualified archaeologist in consultation with the Tribal monitor. The evaluation shall consider the resource's eligibility for listing in the CRHR and its potential as a TCR under PRC Section 21074.

If the resource is determined to be a TCR or otherwise significant under CEQA, the construction manager shall implement a treatment plan developed in consultation with the SRR Tribal representative(s), the RJUSD, and the qualified archaeologist. The treatment plan may include preservation in place, if feasible, or respectful recovery and reburial in accordance with Tribal protocols. Construction activities may resume in the affected area only after the RJUSD, in consultation with the archaeologist and Tribal representative(s), determines that appropriate mitigation has been implemented.

Mitigation Measure TC-4 Tribal Cultural Resources Curation Agreement. At least 30 days prior to the commencement of any construction activities, the RJUSD shall execute a Curation and Treatment Agreement with the SRR, a California Native American tribe traditionally and culturally affiliated with the Project area.

The agreement shall establish protocols for the respectful treatment, temporary storage, and long-term curation or reburial of any TCRs that may be collected during ground-disturbing or other construction activities where preservation in place is determined not to be feasible pursuant to MM TC-3. The agreement shall include, but not be limited to:

- Recognizing SRR's role as the appropriate entity for determining the treatment and disposition of recovered TCRs;
- Allowing SRR to take possession of recovered materials for reburial or curation in accordance with their customs, protocols, and applicable laws; and
- Providing culturally appropriate documentation that respects the confidentiality and sensitivity of TCRs, consistent with PRC Sections 21083.2 and 21084.3.

Evidence of the executed agreement shall be documented by RJUSD prior to any ground disturbance. Final disposition of any TCRs shall occur in accordance with the terms of the agreement and be documented in the final report for the appropriate phase per MM CULT-6.

Mitigation Measure TC-5 Pre-Construction Tribal Cultural Awareness Training. Prior to any ground-disturbing activities of each phase, RJUSD, in coordination with the Construction Manager, the SRR, and project archaeologist, shall ensure that all construction personnel who are involved in supervising or regularly working within areas of ground disturbance attend a Tribal Cultural Awareness Training conducted by a representative of the SRR. Training shall be conducted in person before ground-disturbing activities commence.

After the initial training and commencement of ground-disturbing activities, any new on-site personnel, either from a current or new construction company, who regularly works within areas of ground disturbance, are also required to attend an in-person Tribal Cultural Awareness Training. Attendance for all Tribal Trainings shall be documented via sign-in sheet, and a copy shall be submitted to RJUSD and the archaeological consultant to include in the report(s) per MM CULT-6. The District will be responsible for all construction personnel taking both the archaeological and Tribal awareness trainings. For the purposes of this measure, "construction personnel" includes contractors, subcontractors, equipment operators, laborers, and supervisory staff engaged in or overseeing ground-disturbing activities. The term does not include delivery drivers, vendors, furniture installers, or other workers whose on-site presence is limited to short-term tasks outside of ground-disturbance areas.

The Tribal Cultural Awareness Training shall inform on-site personnel, at a minimum, of the following:

- Respect for TCRs; This Project area may contain TCRs, which are places or objects of cultural and spiritual importance to the SRR. Protecting these resources is required by law and is a condition of the Project.

- Examples of TCRs, which include the following but are not limited to, stone tools, flakes from tool-making, bone, shell, pottery fragments, hearths, dark soil with organic material, viewsheds, and ancestral remains.

- Legal protections addressing TCRs and their protection under CEQA and Public Resources Code Sections 21083.2 and 21084.3. This must also include that it is illegal to remove, damage, or ignore TCRs.

- Discovery procedures including: (1) If you see anything that looks unusual, stop work immediately in that area and notify the supervisor in charge. (2) The Project Archaeologist and Tribal Monitor will determine the next steps. (3) Do not touch, move, or collect any potential cultural materials.

- The role of the Tribal Monitor and their presence on site. The SRR monitor represents the Tribe and has authority to stop work if a resource is found. Their instructions must be respectfully followed.

In the event that a SRR representative is not on site to provide the Training, the new personnel must take the archaeological workers environmental training program training in MM CULT-3 and be scheduled to take the SRR Training within 5 days of their first day of work on site.

This training requirement applies only during the period in which ground-disturbing activities occur. Once all earthwork is complete, additional trainings for new personnel are not required.

6.2.3 Inadvertent Discovery of Human Remains

Æ advises that in the event human remains are uncovered during Project activities, the Fresno County Coroner is to be immediately notified by the project archaeologist to evaluate the remains, and follow the procedures and protocols set forth in CEQA Guidelines

Section 15064.5(e)(1). If the remains are identified to be those of a Native American person, California Health and Safety Code 7050.5 requires that the county coroner notify the NAHC within 24 hours of discovery. The NAHC will then identify the Most Likely Descendant, who will be afforded the opportunity to recommend means for treatment of the human remains following protocols in California PRC 5097.98.

7
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APPENDIX A

Personnel Qualifications

ANNA HOOVER

Managing Principal/Principal Archaeologist

Areas of Expertise

- Cultural resources management
- Prehistoric archaeology of southern California
- Indigenous archaeology and Native American/descendant community coordination
- Federal, state, local environmental laws and regulations
- Training, capacity building
- Traditional Cultural Property and Landscape analysis

Years of Experience

- 25

Education

M.S., Anthropology, focus Archaeology, University of California, Riverside, 2003

B.S., Anthropology, University of California, Riverside, 2000

B.A., Linguistics, University of California, Riverside, 2000

Registrations/Certifications

- Registered Professional Archaeologist 28576661 (current)
- Cultural Consultant, Riverside County #171 (current)
- First aid/CPR
- HAZWOPER (40 hour)

Permits/Licensure

- Principal Investigator, California BLM Statewide Cultural Resources Use Permit CA-24-18

Professional Associations

- Society of California Archaeology
- Association of Environmental Professionals

Professional Experience

2025–	Managing Principal/Principal Archaeologist, Applied EarthWorks, Inc.
2023–2024	Principal Archaeologist, Applied EarthWorks, Inc.
2020–2022	Senior Archaeologist, Applied EarthWorks, Inc.
2017–2023	Senior Ethnoarchaeologist, Cultural Geographics Consulting
2007–2017	Deputy Tribal Historic Preservation Officer, Pechanga Band of Luiseño Mission Indians
2001–2015	Archaeological Assistant, San Bernardino County Coroner
2002–2007	Senior Archaeologist, L&L Environmental, Inc.

Technical Qualifications

Ms. Hoover has 25 years of experience in archaeological, cultural, and tribal resource management in Central, Coastal, and Southern California and Yucatan, Mexico. Ms. Hoover has collaborated with governmental agencies, environmental consultants, and indigenous communities to develop sustainable and practical applications for the identification and preservation of archaeological and tribal cultural resources. As a capable Project Manager, she has coordinated dozens of CRM projects during all phases of development. Ms. Hoover is the designated archaeologist of record for three Native American Tribal Historic Preservation Offices (THPOs) in southern California.

Ms. Hoover has authored, co-authored, reviewed, and contributed to hundreds of California Environmental Quality Act (CEQA), Section 106 of the National Historic Preservation Act (NHPA), and National Environmental Policy Act (NEPA) technical reports; Programmatic, Memoranda, and Master Agreements; THPO development applications and associated tribal ordinances and historic preservation guidance; ethnographic studies and National Register of Historic Places eligibility forms; and other compliance and mitigation documents.

Ms. Hoover has presented collaborative projects, personal research, cultural resources education, and environmental regulation guidance trainings to a wide variety of audiences, including topics such as AB 52, SB 18 and CEQA guidance, cultural and tribal consultation best practices, and Tribal Monitoring Program trainings. She has contributed to CalTHPO organizational committees, participated in development of California and Federal archaeological and tribal consultation policies, and contributed to a published book on Tribal GIS applications.

Applied EARTHWORKS Inc.

CARLOS VAN ONNA

Principal Architectural Historian

Areas of Expertise

- Cultural resource management
- Architectural history
- Historic preservation

Years of Experience

- 14

Education

Ph.D. candidate, Architectural History, Utrecht University

M.A., Architectural History and Historic Preservation, Utrecht University, 2010–2011

B.A., Art History, Utrecht University, 2007–2010

Professional Experience

2023–	Principal Architectural Historian, Applied EarthWorks, Inc., Hemet, California
2023	Senior Architectural Historian, PaleoWest, LLC, Los Angeles, California
2022–2023	Senior Planner, Office of Historic Preservation, City of Dallas, Texas
2019–2021	Senior Architectural Historian, Applied EarthWorks, Inc., Fresno, California
2017–2019	Editor/Translator, SDI Media, Los Angeles, California
2016–2017	Subcontractor, GPA Consulting, Los Angeles, California
2015–2016	Project Manager, City of Amsterdam, The Netherlands
2014–2015	Visiting Scholar, Columbia University, New York
2011–2014	Advisor on Cultural History and Urban Development, City of Amsterdam, The Netherlands

Technical Qualifications

Mr. van Onna has been involved in cultural resources management since 2011. His areas of expertise include built environment investigations, preparation of historic resource evaluation reports, and other required documentation for cultural resource management projects. As a Principal Architectural Historian for Applied EarthWorks, Mr. van Onna meets the Secretary of the Interior's professional qualification standards in architectural history. He has prepared technical reports for historical built environment resources to satisfy compliance requirements under the National Historic Preservation Act (NHPA) Section 106 and the California Environmental Quality Act (CEQA), including significance evaluations and eligibility recommendations for inclusion in the National Register of Historic Places (NRHP) and California Register of Historical Resources (CRHR). Mr. van Onna has previously worked for the City of Amsterdam, Netherlands, coordinating its Municipal Landmarks Project and completing numerous built environment surveys, studies, and historical significance assessments. More recently, he worked for the city of Dallas as a senior planner in the Office of Historic Preservation. At Applied EarthWorks, he leads built environment studies, provides guidance and assistance to project managers and staff, and conducts review of technical documents. Additional skills include archival research, architectural photography, editing, and quality assurance. Through his pursuit of a doctoral degree at Utrecht University, he explores the role of historic preservation in urban public spaces in the United States.

Applied EARTHWORKS Inc.

MARY CLARK BALOIAN

Principal Archaeologist

Areas of Expertise

- Cultural resource management
- Prehistoric archaeology
- Project management

Years of Experience

- 30

Education

Ph.D., Anthropology, Southern Methodist University, 2003

M.A., Anthropology, Southern Methodist University, 1995

B.A., Anthropology, University of California, Davis, 1989

Registrations/Certifications

- Registered Professional Archaeologist 15189

Permits/Licensure

- Principal Investigator, California BLM Statewide Cultural Resources Use Permit CA-24-18

Professional Affiliations

- Society for American Archaeology
- Society for California Archaeology

Professional Experience

2021–	Principal Archaeologist (2023–present), Principal Archaeologist, subconsultant (2021–2023), Applied EarthWorks, Inc., Fresno, California
2000–2020	President (2015–2020), Managing Principal (2015–2020), Regional Manager (2012–2014), Assistant Division Manager (2010–2011), Principal Archaeologist/Project Manager (2016–2020), Senior Archaeologist/Project Manager (2000–2015), Applied EarthWorks, Inc., Fresno, California
1998–2001	Adjunct Faculty Member, Fresno City College, Fresno, California
1995–1996	Staff Archaeologist, Applied EarthWorks, Inc., Fresno, California
1994–1995	Staff Archaeologist, INFOTEC Research, Inc., Fresno, California
1992–1994	Teaching Assistant, Southern Methodist University, Dallas, Texas
1989–1991	Archaeological Project Leader, California Department of Transportation, Sacramento

Technical Qualifications

Dr. Clark Baloian has been involved in archaeology in California and the western United States since 1987. Her areas of expertise include the prehistory of the San Joaquin Valley, Sierra Nevada, Great Basin, central California coast, and the Iron Age of West Africa. Dr. Baloian has served as Principal Investigator/Project Manager, Field Supervisor, Crew Chief, or Field Technician for projects throughout California, Oregon, Nevada, New Mexico, Texas, Hawaii, and West Africa. Her experience in cultural resource management includes research design, data acquisition, laboratory analysis, and preparation of technical reports and compliance documents; she also has completed the Advisory Council on Historic Preservation course in National Historic Preservation Act (NHPA) Section 106 compliance policies and procedures. Her analytic skills include lithic and ceramic analyses as well as settlement pattern studies and spatial analysis, which were the foci of her doctoral research. As a Principal Archaeologist for Applied EarthWorks, Dr. Baloian provides quality assurance, high-level technical review, CEQA and Section 106 oversight, and overall professional guidance for project work, as needed.

Cheyenne Good-Peery

Associate Architectural Historian

Areas of Expertise

- Architectural history
- California history
- Environmental history
- Archival and historical research
- CEQA/NEPA application and analysis
- Secretary of the Interior's Standards for the Preservation of Historic Properties

Years of Experience

- 4

Education

B.A., Art History, East Tennessee State University, Johnson City, TN, 2019 (with great distinction)

B.A., Foreign Languages-French, East Tennessee State University, Johnson City, TN, 2019 (with great distinction)

Professional Affiliations

- California Preservation Foundation

Professional Experience

2024– Associate Architectural Historian, Applied EarthWorks, Inc., Hemet, California.

2021–2023 Staff Architectural Historian, Applied EarthWorks, Inc., Fresno, California.

Technical Qualifications

Ms. Good-Peery is a Secretary of the Interior Qualified Associate Architectural Historian at Applied EarthWorks, Inc. She received dual Bachelor of Arts degrees in Art History and French from East Tennessee State University in 2019. Ms. Good-Peery's professional responsibilities include policy consistency analysis, historical resource evaluation, significance evaluation, integrity assessment, built environment monitoring, archival and historical research, and architectural field surveys. She maintains all measures to satisfy compliance requirements under Section 106 of the NRHP, CEQA, and local regulations. Since joining Applied EarthWorks, Inc., Ms. Good-Peery has employed her educational background for projects throughout California's central valley, central coast, and southern California, including Fresno, Kern, Los Angeles, Mariposa, Merced, Riverside, San Benito, Santa Barbara, San Bernardino, San Luis Obispo, Tulare, and Yuba Counties. She has prepared evaluations for various types of state historic resources and at-risk properties and performed Section 110 condition assessments at military installations. She has assessed potential adverse effects under 36 CFR 800.5 in support of projects dealing with sensitive or eligible resources. She has also reviewed projects for consistency with the SOI Standards for the Treatment of Historic Properties. She is knowledgeable of urban, rural, residential, commercial, civic, agricultural, transportation, defense, and scientific related properties.

Applied EARTHWORKS Inc.

NICOLE SAENZ

Associate Anthropologist

Areas of Expertise

- Forensic anthropology
- Exhumations
- Human osteology
- Faunal analysis/zooarchaeology
- Project administration
- Thermally altered remains identification and recovery

Years of Experience

- 8

Education

M.S., Forensic Anthropology, Boston University Chobanian and Avedisian School of Medicine, 2023

B.A., Anthropology, University of California, Santa Cruz, 2012

Professional Associations

American Association of Biological Anthropologists

Registrations/Certifications

- Heartsaver First Aid CPR AED Certification (2024)
- ISNetwork Online Training for Pacific Gas & Electric Company
- California Office of Emergency Services Registered Responder

Professional Experience

2025–	Associate Anthropologist, Applied EarthWorks, Inc., Fresno, California
2024–	Instructor in Biological Anthropology, California State University Fresno
2022–	Forensic Anthropology Consultant and Peer Reviewer, Puerto Rico Institute of Forensic Sciences
2023–2025	Staff Anthropologist, Applied EarthWorks, Inc., Fresno, California
2022–2023	Field Technician, Applied EarthWorks, Inc.
2008–2012	Zooarchaeology Preparations and Curation Intern, University of California, Santa Cruz

Technical Qualifications

Ms. Saenz is an Associate Anthropologist at Applied EarthWorks, Inc. She received her Bachelor of Arts degree in Anthropology from the University of California, Santa Cruz and her Master of Science degree in Forensic Anthropology from the Boston University Chobanian and Avedisian School of Medicine. Ms. Saenz has completed internships in zooarchaeological preparation and curation, thermally altered scene analysis and remains recovery, and currently serves as a forensic anthropological consultant and peer reviewer for the Puerto Rico Institute of Forensic Sciences.

Ms. Saenz is an instructor in Biological Anthropology at California State University, Fresno, where she also serves as a forensic anthropology analyst, performing laboratory case analysis and field exhumations on active cases, cold cases, and bioarcheological remains. Ms. Saenz serves as a forensic anthropological technician for the Central Valley Cold Case Initiative and a Consulting Forensic Anthropologist for the California Office of Emergency Services. Ms. Saenz's professional responsibilities include project administration, osteological assessments, outreach with the Native American Heritage Commission and its recommendations, pre-field project preparations, writing technical reports, completing California Department of Parks and Recreation 523-series forms, reporting, assisting with project proposals, and completing prefield safety documents. Ms. Saenz serves as the Safety Steward for the Fresno office.

SOPHIA LYNCH

Staff Architectural Historian

Areas of Expertise

- Architectural history
- Landscape history
- Archival and historical research

Years of Experience

- 1

Education

B.A., History, California State Polytechnic University, San Luis Obispo, 2024

Professional Experience

2025–	Staff Architectural Historian, Applied EarthWorks, Inc., Hemet, California
2024–2025	Bodily Injury Claims Adjuster, Famers Insurance, Remote
2023–2024	Associate Editor, The Forum – Cal Poly Historical Journal, San Luis Obispo, California
2023	Political Consulting Intern, Public Policy Solutions, LLC, San Luis Obispo, California
2020–2021	Administrative Assistant, The Mortgage Licensing Group, San Marcos, California

Technical Qualifications

Ms. Sophia Lynch is a Staff Architectural Historian at Applied EarthWorks, Inc. She received a Bachelor of Arts degree in History from California Polytechnic State University, San Luis Obispo in 2024, with a focus in landscape history. Ms. Lynch's professional responsibilities include architectural field surveys, archival and historical research, and report preparation. Since joining Applied EarthWorks, Inc., Ms. Lynch has applied her educational background to projects throughout California, including Fresno, Los Angeles, Riverside, Santa Barbara, San Bernadino, and Shasta counties. She has completed built environment surveys of various historic properties, researched and written historic contexts for project sites, and aided in the preparation of historic resource evaluation reports. She is knowledgeable of urban, rural, educational, agricultural, and residential related properties.

APPENDIX B

Records Search Results

*Archaeological site locations are exempt from the California Public Records Act, as specified in Government Code 7927.005, and from the Freedom of Information Act (5 U.S.C. 552[b][3]), under the legal authority of both the NHPA (PL 89-665, as amended, Section 304[a]) and the Archaeological Resources Protection Act (PL 96-95, Section 9[a]).

California Historical Resources Information System

Fresno
Inyo
Kern
Kings
Madera
Tulare

Southern San Joaquin Valley Information Center
California State University, Bakersfield
Mail Stop: 72 DOB
9001 Stockdale Highway
Bakersfield, California 93311-1022
(661) 654-2289
Email: ssjvic@csub.edu
Website: www.csub.edu/ssjvic

4/7/2025

Nicole Saenz
Applied EarthWorks, Inc.
1391 West Shaw Ave., Suite C
Fresno, CA 93711

Re: 4689 Riverdale High School
Records Search File No.: 25-145

The Southern San Joaquin Valley Information Center received your record search request for the project area referenced above, located on Riverdale USGS 7.5' quad. The following reflects the results of the records search for the project area and the 0.5 mile radius:

As indicated on the data request form, the locations of resources and reports are provided in the following format: ☐ Custom GIS Maps ☒ GIS Data ☐ Hand Drawn Maps (Inyo County Only)

Resources within project area:	P-10-007056
Resources within 0.5 mile radius:	P-10-003930, 007055, 007262
Reports within project area:	FR-00357, 00641, 01156, 01162, 02922
Reports within 0.5 mile radius:	FR-00974, 02563, 02879, 03054

NOTE: "Other" report locations were omitted, per the CHRIS Data Request Form.

Resource Database Printout (list): ☒ enclosed ☐ not requested ☐ nothing listed

Resource Database Printout (details): ☒ enclosed ☐ not requested ☐ nothing listed

Resource Digital Database Records: ☒ enclosed ☐ not requested ☐ nothing listed

Report Database Printout (list): ☒ enclosed ☐ not requested ☐ nothing listed

Report Database Printout (details): ☒ enclosed ☐ not requested ☐ nothing listed

Report Digital Database Records: ☒ enclosed ☐ not requested ☐ nothing listed

Resource Record Copies: ☒ enclosed ☐ not requested ☐ nothing listed

Report Copies: ☒ enclosed ☐ not requested ☐ nothing listed

OHP Built Environment Resources Directory: ☐ enclosed ☒ not requested ☐ nothing listed

Archaeological Determinations of Eligibility: ☐ enclosed ☒ not requested ☐ nothing listed

CA Inventory of Historic Resources (1976): ☐ enclosed ☐ not requested ☒ nothing listed

Caltrans Bridge Survey: Not available at SSJVIC; please see https://dot.ca.gov/programs/environmental-analysis/cultural-studies/california-historical-bridges-tunnels

Ethnographic Information: Not available at SSJVIC

Historical Literature: Not available at SSJVIC

Historical Maps: Not available at SSJVIC; please see http://historicalmaps.arcgis.com/usgs/

Local Inventories: Not available at SSJVIC

GLO and/or Rancho Plat Maps: Not available at SSJVIC; please see http://www.glorecords.blm.gov/search/default.aspx#searchTabIndex=0&searchByTypeIndex=1 and/or http://www.oac.cdlib.org/view?docId=hb8489p15p;developer=local;style=oac4;doc.view=items

Shipwreck Inventory: Not available at SSJVIC; please see https://www.slc.ca.gov/shipwrecks/

Soil Survey Maps: Not available at SSJVIC; please see http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx

Please forward a copy of any resulting reports from this project to the office as soon as possible. Due to the sensitive nature of archaeological site location data, we ask that you do not include resource location maps and resource location descriptions in your report if the report is for public distribution. If you have any questions regarding the results presented herein, please contact the office at the phone number listed above.

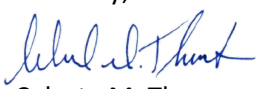
The provision of CHRIS Data via this records search response does not in any way constitute public disclosure of records otherwise exempt from disclosure under the California Public Records Act or any other law, including, but not limited to, records related to archeological site information maintained by or on behalf of, or in the possession of, the State of California, Department of Parks and Recreation, State Historic Preservation Officer, Office of Historic Preservation, or the State Historical Resources Commission.

Due to processing delays and other factors, not all of the historical resource reports and resource records that have been submitted to the Office of Historic Preservation are available via this records search. Additional information may be available through the federal, state, and local agencies that produced or paid for historical resource management work in the search area. Additionally, Native American tribes have historical resource information not in the CHRIS Inventory, and you should contact the California Native American Heritage Commission for information on local/regional tribal contacts.

Should you require any additional information for the above referenced project, reference the record search number listed above when making inquiries. Invoices for Information Center services will be sent under separate cover from the California State University, Bakersfield Accounting Office.

Thank you for using the California Historical Resources Information System (CHRIS).

Sincerely,



Celeste M. Thomson
Coordinator

Report List

SSJVIC Record Search 25-145

Report No.	Other IDs	Year	Author(s)	Title	Affiliation	Resources
FR-00357		1981	Crist, Michael K. and Varner, Dudley M.	Archaeological Overview and Locational Analysis of the Fresno Area	California State University, Fresno	10-001014
FR-00641		1977	Peck, Billy J.	The Distribution of Aboriginal Occupational Sites in Fresno County, California	California State University, Fresno	
FR-00974		1984	Wren, Donald G.	Love Estates Tract # 3641 EA 2167	individual consultant	
FR-01156		1968	Unknown	A Proposal for an Archaeological Element in the Fresno County, General Plan	Committee on Sierra Foothills Public Archaeology	
FR-01162		1990	Stuart, David R.	A Summary of the Present Archaeological Resources of Fresno County	California Department of Parks and Recreation	
FR-02563		2013	Franco, Lalo, Brum, Shana, and Scoggin, Bill	Riverdale Native American Site Visit and Survey	Santa Rosa Rancheria Cultural Department	
FR-02879		2017	Lloyd, Jay B., Baloian, Randy, and Wingate, Ernest	Cultural Resource Inventory and Evaluation for the Riverdale Wastewater Treatment Plant Expansion Project, Fresno County, California	Applied EarthWorks, Inc.	10-007055, 10-007056
FR-02922	IC Record Search Nbr - 12-180; 17-502; OHP PRN - EPA 2018 0214 001	2012	Loftus, Shannon L. and Orfila, Revecca S.	Cultural Resources Assessment: 1.29 Acres, Riverdale Well No. 5 Riverdale, Fresno County, California	SLL Consulting	
FR-02922A		2018	Pierce, Wendy	Riverdale Public Utilities District Amendment Project at Riverdale, Fresno County, California	State Water Resources Control Board Division of Financial Assistance	
FR-03054		2022	Granado, Gabriel, Good, Cheyenne F., Yates, Timothy, Long, Amber, and Hoover, Anna	Cultural Resource Inventory and Built Envrionment Evaluation for Willow View Apartments, Riverdale, Fresno County, California	Applied EarthWorks, Inc.	10-007262

Resource List

SSJVIC Record Search 25-145

Primary No.	Trinomial	Other IDs	Type	Age	Attribute codes	Recorded by	Reports
P-10-003930	CA-FRE-003109H	Resource Name - Southern Pacific Railroad	Structure	Historic	AH07; HP11	1998 (W.L. Norton, Jones & Stokes); 1999 (S. Hooper, S. Flint, Applied EarthWorks, Inc.); 2002 (Peggy B. Murphy, Three Girls and a Shovel); 2004 (Bryan Larson, Cindy Toffelmier, JRP Historical Consulting); 2009 (Joseph Freeman, Rebecca Flores, JRP Historical Consulting); 2009 (Joseph Freeman, Rebecca Flores, JRP Historical Consulting); 2009 (Joseph Freeman, Rebecca Flores, JRP Historical Consulting); 2010 (Michael Hibma, LSA Associates); 2013 (Randy Baloian, Applied Earthworks, Inc.); 2015 (Randy Baloian, Applied EarthWorks, Inc.); 2015 (Randy Baloian, Applied Earthworks, Inc.); 2016 (J. Tibbet, Applied EarthWorks, Inc.); 2018 (Annie McCausland, Applied EarthWorks, Inc.); 2018 (Jessica Jones, Applied EarthWorks, Inc.); 2021 (Morgan Bird, SWCA Environmental Consultants)	FR-00238, FR-01770, FR-01771, FR-01772, FR-02642, FR-02726, FR-02769, FR-02847, FR-02942, FR-03037, FR-03103
P-10-007055	CA-FRE-003836H	Resource Name - Turner Ditch	Structure	Historic	HP20	2017 (Applied EarthWorks, Inc., Applied EarthWorks, Inc.)	FR-02879
P-10-007056		Resource Name - Riverdale Ditch; OTIS Resource Number - 0686247	Structure	Historic	HP20	2017 (Jay Lloyd, Applied EarthWorks, Inc.)	FR-02879
P-10-007262	CA-FRE-003931H	Resource Name - Burrell Ditch; Burrel Ditch	Structure	Historic	HP20	2021 (Cheyenne F. Good, Applied EarthWorks, Inc.)	FR-03054

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APPENDIX C

Cultural Resource Records

*Archaeological site locations are exempt from the California Public Records Act, as specified in Government Code 7927.005, and from the Freedom of Information Act (5 U.S.C. 552[b][3]), under the legal authority of both the NHPA (PL 89-665, as amended, Section 304[a]) and the Archaeological Resources Protection Act (PL 96-95, Section 9[a]).

State of California — The Resources Agency **Primary #** 10-007056
DEPARTMENT OF PARKS AND RECREATION **HRI #/Trinomial**
CONTINUATION SHEET

☐ Continuation ☒ Update

Page 1 of 1 **Resource Name or #:** Riverdale Ditch

***P2. Location: a. County:** Fresno ☐ **Not for Publication** ☒ **Unrestricted**
b. USGS 7.5′ Quad: Riverdale **Date:** 1954 T17S, R19E; Sec. 24 M.D. **B.M.**
c. Address: None
e. Other Locational Data: The nonextant segment was once coursed through the Riverdale High School campus.

L2a. Portion Described: ☐ Entire Resource ☒ Segment ☐ Point Observation **Designation:**
b. Location of point or segment: NAD 83, Zone 11N; Segment west end: 243866 **mE** / 4035953 **mN**
Segment east end: 244171 **mE** / 4035699 **mN**

***P3a. Description:** Æ surveyed a former segment of the Riverdale Ditch within the northern end of the Riverdale High School campus. Æ confirmed that the segment of the ditch no longer exists in this location.

***P7. Owner and Address:**
Riverdale Irrigation District
21027 S. Brawley Ave.,
Riverdale, CA 93656

***P8. Recorded By:** Cheyenne Good-Peery
Sophia Lynch, and Julio Olivares,
Applied EarthWorks, Inc.
1391 W. Shaw Ave., Suite C
Fresno, CA 93711

***P9. Date Recorded:** April 25, 2025

***P10. Survey Type:** ☒ Intensive
☐ Reconnaissance ☐ Other
Describe: Pedestrian survey

***P11. Report Citation:** Nicole Saenz, Sophia Lynch, Cheyenne Good-Peery, and Carlos van Onna 2025 *Cultural Resource Inventory and Evaluation for the Riverdale High School Improvement Project, Fresno County, California..* Applied EarthWorks, Inc., Fresno, California. Prepared for Riverdale Joint Unified School District, Riverdale, California.

***Attachments:** ☒ NONE ☐ Location Map ☐ Sketch Map ☐ Continuation Sheet
☐ Building, Structure, and Object Record ☐ Archaeological Record ☐ District Record ☐ Linear Feature Record
☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record
☐ Photograph Record ☐ Other (list):

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # 10-007683
HRI #
Trinomial
NRHP Status Code

Other Listings
Review Code | Reviewer | Date

 Resource Name or # AE-4698-ISO-01

P1. Other Identifier:

***P2. Location: a. County:** Fresno ☒ **Not for Publication** ☐ **Unrestricted**
b. USGS 7.5′ Quad: Riverdale **Date:** 1954 T17S, R19E; SE ¼ **of** SE ¼ **of** Sec. 24 M.D. **B.M.**
c. Address: 3086 W. Mount Whitney Ave., Riverdale, CA 93656
d. UTM: NAD83, Zone 11N; 244060 **mE /** 4035871 **mN**
e. Other Locational Data: From the Riverdale High School parking lot, proceed on foot through the campus to the north. It is required to check-in as a visitor at the front office. Walk north 460 feet to the football field and dirt track. Walk along the western edge of the field for another 460 feet. The isolate is on the earthen berm and adjacent patch of grass on the northwest corner of the field 30 feet north of the north end of a set of concrete bleachers.

***P3a. Description:** The isolate is a scatter of historic-era glass and ceramic fragments and one precontact ground stone tool covering an area 40 meters (N–S) by 15 meters (E–W). Historic-era materials include 1 aqua glass shard, 1 brown glass shard, 1 yellow glass shard, 1 cobalt shard, 1 amethyst shard, 28 clear glass shards, 1 yellow glazed earthenware sherd, and 1 white porcelain sherd. A single patinated clear glass bottle base fragment, 3 15/16 inches long by 1 5/8 inches wide by 1 1/8 inches high, was observed. The base is ovoid and was likely part of a liquor bottle. No identifiable maker's mark is visible. The sparse scatter includes a single cryptocrystalline silicate handstone. The handstone is12.5 by 10.2 by 4.5 centimeters. It is unifacially ground with light pecking on its margins (see Continuation).

***P3b. Resource Attributes:** AH16. Isolate

***P4. Resources Present:** ☐ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☒ Other: Isolate

***P5a. Photograph or Drawing:**

P5b. Description of Photo: Isolate on the earthen berm, facing north.

***P6. Date Constructed/Age and Sources:** ☐ Prehistoric ☐ Historic ☒ Both

***P7. Owner and Address:**
Riverdale Joint Unified School District,
3160 W. Mount Whitney Ave.,
Riverdale, CA 93656

***P8. Recorded By:** Justin Tidd
Applied EarthWorks, Inc.
1391 W. Shaw Ave., Suite C
Fresno, CA 93711-3600

***P9. Date Recorded:** April 25, 2025

***P10. Survey Type:** ☒ Intensive ☐ Reconnaissance ☐ Other
Describe: 15-meter interval pedestrian transects

***P11. Report Citation:** Nicole Saenz, Sophia Lynch, Cheyenne Good-Peery, and Carlos van Onna 2025 *Cultural Resource Inventory and Evaluation for the Riverdale High School Improvement Project, Fresno County, California.* Applied EarthWorks, Inc., Fresno, California. Prepared for Riverdale Joint Unified School District, Riverdale, California.

***Attachments:**
☐ NONE ☒ Location Map ☐ Sketch Map ☒ Continuation Sheet
☐ Building, Structure, and Object Record ☐ Archaeological Record ☐ District Record ☐ Linear Feature Record
☒ Photograph Record ☐ Milling Station Record ☐ Rock Art Record ☐ Artifact Record
☐ Other (list):

*P3a. **Description (continued):** The isolate is on an artificial earthen berm on the northwestern margin of a football field/sporting complex in the Riverdale High School campus. The berm is 10–12 feet high by 40–50 feet wide at its base and trends generally SW–NE. The berm's slopes are relatively sleep (15–20 degrees). Cultural materials were observed on the top of the berm and eroding down both sides, with a heavier concentration observed on the northwest-facing slope. The quantity of material tapers to the northwest as the slope gives way to a flat area adjacent to the fenced-off asphalt parking lot. The general landscape is flat (0 degrees) and exposure is 100 percent open. A few landscaped oleander bushes provide scant cover. Other observed vegetation includes dried mustard, weeds, and landscaped grass (likely Bermuda grass). Ground visibility in the immediate area was good (80–90 percent) but decreases to 0 percent to the northwest and southeast due to landscaping and asphalt.

The area around the isolate is heavily disturbed by landscaping, construction of the sports complex, an asphalt parking lot, and ongoing school-related activities. The earthen berm was constructed as part of the sports complex, and the origin of the soil is unknown. Because the isolate is in a highly trafficked area adjacent to the football field, the handstone was placed underneath an oleander bush for protection. The bush is on top of the berm 25 feet north of the concrete football stands.

Isolate on earthen berm with asphalt parking lot in the background, facing south.

Historic-era glass shard sample.

Single amethyst glass shard.

Clear glass bottle base fragment.

Handstone with the ground surface side up.

Oleander bush (right) where the handstone was moved after recording. Original handstone location marked with double pink flags in foreground.

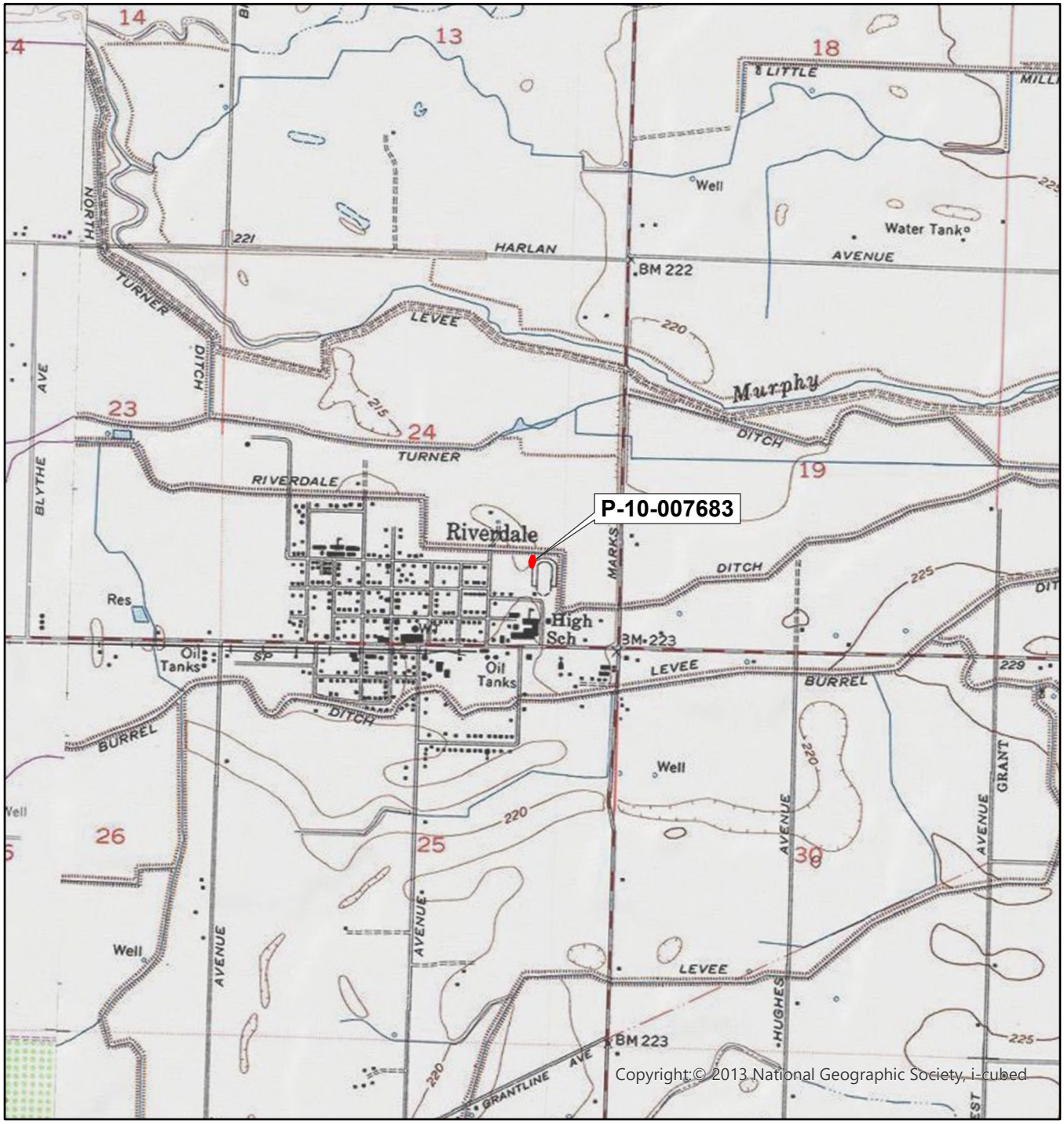
State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary # 10-007683
HRI#
Trinomial

Page 4 **of** 4 **Resource Name or #:** AE-4698-ISO-01 **Scale:** 1:24,000

Map Name: Riverdale (1954), CA, USGS 7.5' quadrangle(s) **Date:** 1954



Scale: 1:24,000

N

0 0.5 1 Miles

0 1,000 2,000 3,000 4,000 5,000 Feet

0 0.5 1 Kilometers

Date Recorded: 2025

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # 10-007685
HRI #
Trinomial CA-FRE-4069H
NRHP Status Code

Other Listings
Review Code | Reviewer | Date

 Resource Name or # Riverdale High School Water Pump Building

P1. Other Identifier:

***P2. Location: a. County:** Fresno ☐ **Not for Publication** ☒ **Unrestricted**
b. USGS 7.5′ Quad: Riverdale **Date:** 1954 T17S, R19E; Sec. 24 M.D. **B.M.**
c. Address: 3086 W. Mount Whitney Ave., Riverdale, Fresno County, CA
d. UTM: NAD 83, Zone 11N; 244063 **mE** / 4035740 **mN**
e. Other Locational Data: None.

***P3a. Description:** The water pump building is an unadorned one-story concrete building covered by a shingle-covered gable roof. It is immediately southwest of the Riverdale High School Stadium. The building features overhanging boxed eaves with wood fascia boards. Its concrete walls are clad in plaster. The primary (south) elevation has a centered, single-width door for pedestrian access. A corrugated metal sliding utility door is on the north elevation. The west elevation has two vinyl, single-hung windows to either side. The west elevation is fronted by a paved, fenced storage area. No fenestration is present on the east elevation. Two concrete ground mounts and metal ductwork are adjacent to the east elevation, presumably associated with a no longer extant water storage tank.

***P3b. Resource Attributes:** HP9. Public Utility Building

***P4. Resources Present:** ☒ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other:

***P5a. Photograph or Drawing:**

P5b. Description of Photo: Primary (south) elevation of the pump building, facing north.

***P6. Date Constructed/Age and Sources:**
☐ Prehistoric ☒ Historic ☐ Both
Between 1942 and 1950

***P7. Owner and Address:**
Riverdale Joint Unified School District
P.O. Box 1058
Riverdale, CA 93656

***P8. Recorded By:** Cheyenne Good-Peery
Sophia Lynch, and Julio Olivares,
Applied EarthWorks, Inc.
1391 W. Shaw Ave., Suite C
Fresno, California 93711

***P9. Date Recorded:** April 25, 2025

***P10. Survey Type:** ☒ Intensive
☐ Reconnaissance ☐ Other
Describe: Pedestrian survey

***P11. Report Citation:** Nicole Saenz, Sophia Lynch, Cheyenne Good-Peery, and Carlos van Onna 2025 *Cultural Resource Inventory and Evaluation for the Riverdale High School Improvement Project, Fresno County, California.* Applied EarthWorks, Inc., Fresno, California. Prepared for Riverdale Joint Unified School District, Riverdale, California.

***Attachments:**
☐ NONE
☒ Building, Structure, and Object Record
☒ Photograph Record
☒ Location Map
☐ Archaeological Record
☐ Milling Station Record
☐ Other (list):
☒ Sketch Map
☐ District Record
☐ Rock Art Record
☐ Continuation Sheet
☐ Linear Feature Record
☐ Artifact Record

B1. Historic Name: None.

B2. Common Name: None.

B3. Original Use: Utilitarian **B4. Present Use:** Utilitarian

***B5. Architectural Style:** Vernacular

***B6. Construction History (construction date, alterations, and dates of alterations):** Historical aerial photography provides insight into the construction dates for the built resources at Riverdale High School. An aerial photograph from 1942 shows no evidence of the water pump building. By 1950, the pump building is in place.

***B7. Moved?:** ☒ No ☐ Yes ☐ Unknown Date: Original Location:

***B8. Related Features:** None.

B9. a. Architect: Unknown **b. Builder:** Unknown

***B10. Significance:** Theme: Water management Area: Fresno County
Period of Significance: None Property Type: Utilitarian Applicable Criteria: None

Settlement and the Beginning of Irrigation

By 1856, when the California legislature created Fresno County from parts of Merced, Mariposa, and Tulare counties, cattle ranching had joined mining among the county's primary economic pursuits (Clough and Secrest 1984:83). During the more than 15 years when the property's title was held in legal limbo, Rancho Laguna de Tache was invaded by squatters, who did not let the land lie fallow. Indeed, by the time of the 1866 survey, the tract had been settled by several families engaged in stock raising. Historical records surmise that after 1866, these squatters eventually purchased their parcels from Clarke, establishing a small community (Clough and Secrest 1984:34). The old pueblo La Libertad eventually became the Liberty Settlement, which subsequently changed its name to Riverdale in 1875 (Vandor 1919:278).

Among the various goods produced by settlers of the lower Kings River and Fresno Slough areas, livestock was in fact the most commercially important (Grunsky 1898; Mead 1901; Vandor 1919). While periodic flooding of the river and sloughs did continue to water the natural grasses of riparian lands, alfalfa quickly emerged as the region's dominant commodity, both as feed and as a crop for cash sale. Similar to vineyards and orchards, this flowering plant can only be grown commercially with irrigation. Moreover, through such appropriated water, the alfalfa farmer could cultivate land that did not contain a natural source of water (i.e., not riparian). The Riverdale Ditch, along with the Turner, (Liberty) Millrace, Reed, and Burrel ditches, were built specifically for this purpose. The problem was that these ditch owners still depended on the natural flow of the Kings Rivers, which, like all Sierra Nevada streams, varied wildly from one year to the next. Compounding the matter was that Murphy Slough, one of the river's many tributaries, lay in the lowermost reaches of the Kings River system, requiring the water to pass by the gates of numerous other upstream irrigators before entering the slough.

Given the often-limited supply of this critical resource, in 1898, the five owners of the Riverdale area ditches organized the Murphy Slough Association to fairly apportion and minimize confrontations over the use of the slough's waters (Adams 1915:55–57; Mead 1901:306). A critical part of the association's formation was its agreement with the Fresno Canal and Irrigation Company (FCIC). Earlier in the decade, the FCIC had purchased Rancho Laguna de Tache, including its long-standing riparian water rights on the Kings River. It was imperative that the association make a deal with the FCIC to prevent being cut off from their water supply during years of poor

This space reserved for official comments.

Sketch Map
See Sketch map

runoff. Despite the FCIC's larger size and greater experience in litigious matters, the association may have held at least some legal leverage on account of the relatively early appropriations by the Riverdale and Turner ditches in 1875. Per their agreement, until the flow of the slough exceeded 300 cubic feet per second, the available water was divided equally between the FCIC and the Riverdale members. The association further stipulated distribution among its members: the Turner Ditch, which still maintained its own head gate, received one-sixth of the flow; the Riverdale and Burrell ditches, which shared the same head gate, were entitled to a combined one-third; and the Millrace and Reed ditches took one-third and one-sixth, respectively. Within the central and southern San Joaquin Valley, such associations were common in areas that lacked a dominant irrigation company, like the FCIC in the Fresno area or the San Joaquin and Kings River Canal Company, owned by the powerful Miller & Lux Company, on the lower San Joaquin River.

The Railroad and Growth of Riverdale

The town of Riverdale, like most valley communities, owes its existence to the railroad, specifically the Hanford & Summit Lake Railway (Robertson 1998:126). Beginning operation in 1912, the 42-mile-long line extended south to southeast from Ingle (about 4 miles north of Tranquility) and made various stops in the Fresno Slough and lower Kings River areas before terminating at Hardwick in Kings County. In 1917, the Southern Pacific Railroad acquired the Hanford & Summit Lake line. In addition to Riverdale, the new railroad gave rise to West Side communities like Tranquility and San Joaquin. Fresno County atlases from 1911, 1913, and 1920 show a steady expansion around the center of Riverdale, at the present-day intersection of Mt. Whitney and Valentine avenues. By 1920, the town's residential lots covered about 100 acres of former agricultural land (Guard 1911; Progressive Map Service 1913, 1920).

Riverdale High School

Education in California prior to the twentieth century followed national trends of authoritarian teaching methods that valued passivity and operated out of one-room schoolhouses. Philosopher John Dewey spearheaded the Progressive Education Movement in the 1880s to reform the rote approach to schooling. The Progressive Education Movement advocated for a more individualized and hands-on learning experience to coincide with a student's natural curiosity. Dewey's ideas centered around individual achievement by using materials other than textbooks and environments outside of the schoolhouse. The influence of the Progressive Education Movement was seen in campus architecture throughout the United States and California beginning in the 1910s, where schoolhouses were replaced by more flexible designs that emphasized natural light, integrated the outdoors, and utilized classroom wings as opposed to a single room. With modern campus designs accounting for multiple classrooms and teachers, single-subject courses such as agriculture became more accessible (Sapphos Environmental 2014).

In the late nineteenth century, the formation of a California school district required a certain number of students, specific administrative and fiscal conditions, and approval by the County Board of Supervisors. With unchallenging qualifications, many smaller school districts, such as Riverdale, formed all throughout Fresno County. The Riverdale School District formed in 1878, although historical newspapers indicate there was a school in Riverdale as early as 1876. In rural California, families lived farther apart and lacked public transportation, resulting in centrally located schools accessible by foot or by horse. It was not uncommon for students to commute two or more miles by foot each way. As the more remote areas in California grew in population and families lived closer together, the already-established smaller school districts typically unified into larger districts.

The RJUSD was organized in 1912 and consisted of the Crescent, Elkhorn, Liberty, North Fork, and Riverdale school districts. The first year of instruction at the RJUSD high school served 13 students from Fresno and King counties in the Barritt's Opera House. The following 1913–1914 school year, 23 students were enrolled, and classes were moved to the larger, two-story Fleharty Hall to accommodate the growing population. By 1916, the RJUSD high school produced its first graduating class, had 50 enrolled students, and operated out of the Odd Fellows Hall.

In 1915, the local community recognized the steady exponential growth of student enrollment at the high school and voted in favor of a $30,000 bond measure for the construction of a new high school campus. After the consideration of numerous site options, the brand-new school was completed in 1916 on Mt. Whitney Avenue in its current location. It was commonly known as "Riverdale High School" and is often referred to as the "Mt. Whitney campus" in historical records.

Following design trends from the Progressive Education Movement, which focused on education tailored to the interests and needs of individual students, the original Riverdale High School included five classrooms and an

auditorium, rather than a single-room schoolhouse. The school operated out of the original facilities until 1947, when plans were developed and approved for a new north and south wing with classrooms and new buildings, including a cafeteria, wood and auto shop, and auditorium. RJUSD purchased 40 additional acres from 1948 to 1949 and expanded the current high school campus northward. This expansion was likely in response to population growth spurned by the development of nearby Lemoore Naval Air Station. Additionally, tentative plans were made to add a junior high school to the campus. The junior high school, however, was never built despite further population growth (Riverdale Joint Unified School District 2025).

Significance Evaluation

Criterion 1—Associated with events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the United States. The pump building appears to have been constructed by 1950. It does not appear to have been the site of any noteworthy advancements related to Riverdale High School campus. Archival research did not reveal that the building was associated with any specific events or trends that have made significant contributions to the patterns of California's history and cultural heritage. Therefore, the restroom facility is not considered significant under Criterion 1.

Criterion 2—Associated with the lives of persons important to local, California, or national history. Review of regional histories, available property atlases and maps, and historical newspapers did not reveal any information about potentially significant individuals or groups associated with the pump building. While historical ownership records for the land from the time of construction were unavailable, supplemental research did not reveal significant persons associated with the land the building was built on, or the building itself. For this reason, the pump building is not considered significant under Criterion 2.

Criterion 3—Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of a master, or possesses high artistic values. The pump building is one of several buildings on the Riverdale High School campus constructed in a unified design language characterized by unadorned, plastered concrete and simple roof types. Buildings from this era of campus development are mostly utilitarian in function and share a sober paint scheme. The pump building is not representative of a significant architectural style. It is not distinctive of a defined, historically significant type, period, or method of construction, it is not the work of a master, and it does not possess high artistic value. For these reasons, the pump building is not considered significant under Criterion 3.

Criterion 4—Has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation. Criterion 4 applies to built environment resources if further study has the potential to yield information that cannot be obtained from other sources. However, the pump building is an example of a common resource type in California that has been well documented. Æ has exhausted available sources and no additional information could be gleaned from the field visit. Therefore, Æ does not anticipate that any additional information can be identified that would prove the building to be significant. The pump building is not considered significant under Criterion 4.

Eligibility

A discussion of integrity is not required because the resource does not possess historical significance. The pump building does not possess significance under the CRHR criteria for evaluation; therefore, it is recommended ineligible for listing in the CRHR and does not qualify as a historical resource for the purposes of CEQA.

B11. Additional Resource Attributes (list attributes and codes): None.

***B12. References:**

Adams, Frank
1915 *Progress Report of Co-Operative Irrigation Investigations in California, 1912–1914*. State of California Department of Engineering Bulletin No. 1. Sacramento.

Clough, Charles W., and William B. Secrest, Jr.
1984 *Fresno County—the Pioneer Years: From the Beginnings to 1900*, edited by Bobbye Sisk Temple. Panorama West Books, Fresno, California.

Grunsky, Carl Ewald
1898 *Irrigation near Fresno, California*. Water-Supply and Irrigation Papers of the United States Geological Survey No. 18. Department of the Interior, Washington, D.C.

Guard, W. C.
1911 *Atlas of Fresno County*. W. C. Guard, Fresno, California.

Mead, Elwood
1901 *Irrigation Investigations in California*. U.S. Department of Agriculture Office of Experiment Stations Bulletin No. 100. Government Printing Office, Washington, D.C.

Progressive Map Service
1913 *Progressive Atlas of Fresno County*. Progressive Map Service, Fresno, California.
1920 *Progressive Atlas of Fresno County*. Progressive Map Service, Fresno, California.

Riverdale Joint Unified School District
2025 History of the Riverdale Joint Unified School District, https://www.rjusd.org/about-us/history-of, accessed May 15, 2025. Riverdale Joint Unified School District, Riverdale Joint Unified School District.

Robertson, Donald B.
1998 *California*. Encyclopedia of Western Railroad History, Vol. IV. Caxton Printers, Caldwell, Idaho.

Sapphos Environmental, Inc.
2014 *Los Angeles Unified School District: Historic Context Statement, 1870 to 1969*. Sapphos Environmental, Inc., Pasadena, California. Prepared for the Los Angeles Unified School District, Office of Environmental Health and Safety.

Vandor, Paul E.
1919 *History of Fresno County, California, with Biographical Sketches*, Vol. 1. 2 vols. Historic Record Company, Los Angeles, California.

B13. Remarks: None.

***B14. Evaluator:** Carlos van Onna
Date of Evaluation: June 18, 2025

Date: April 25, 2025 Photographer: Sophia Lynch

West elevation of the pump building, facing east.

East elevation of the pump building, facing west.

Rear (north) elevation of the pump building, facing south.

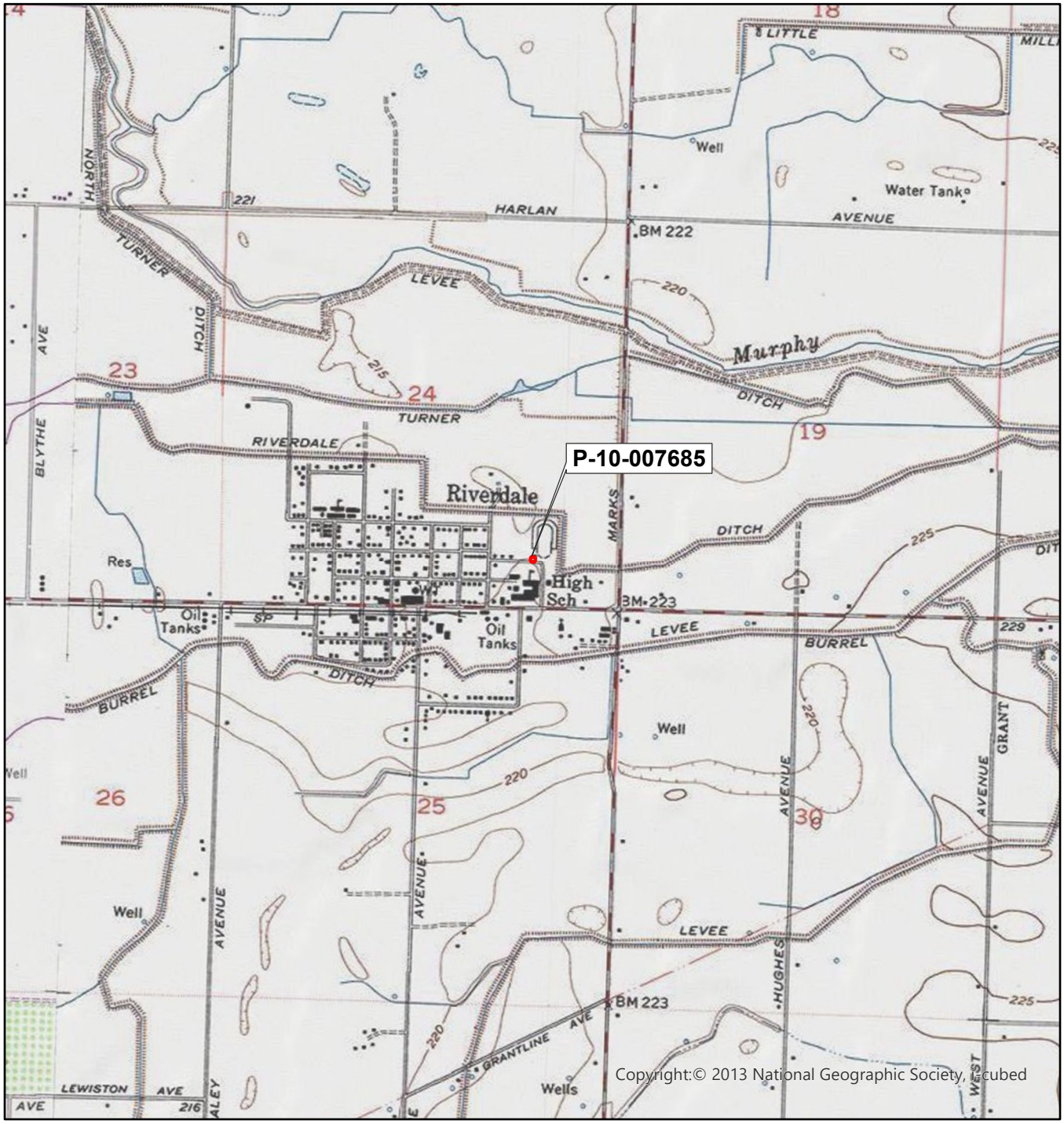
State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary # 10-007685
HRI#
Trinomial CA-FRE-4069H

Page 7 **of** 8 **Resource Name or #:** Riverdale High School Water Pump Building **Scale:** 1:24,000

Map Name: Riverdale (1954), CA, USGS 7.5' quadrangle(s) **Date:** 1954



Scale: 1:24,000

N

0 0.5 1 Miles

0 1,000 2,000 3,000 4,000 5,000 Feet

0 0.5 1 Kilometers

Date Recorded: 2025

T N
P-10-007687
Riverdale High School
Water Pump Building
Other Facility
0 5 10 15
Meters
0 15 30 45
Feet
bing
© 2025 Microsoft Corporation © 2025 Maxar ©CNES (2025) Distribution Airbus DS

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # 10-007686
HRI #
Trinomial CA-FRE-4070H
NRHP Status Code

Other Listings
Review Code | Reviewer | Date

 Resource Name or # Riverdale High School Restroom Facility

P1. Other Identifier:

***P2. Location: a. County:** Fresno ☐ **Not for Publication** ☒ **Unrestricted**
b. USGS 7.5′ Quad: Riverdale **Date:** 1954 T17S, R19E; Sec. 24 M.D. **B.M.**
c. Address: 3086 W. Mount Whitney Ave., Riverdale, Fresno County, CA
d. UTM: NAD 83, Zone 11N; 243994 **mE** / 4035879 **mN**
e. Other Locational Data: None.

***P3a. Description:** The restroom facility is an unadorned one-story concrete building covered by a shingle-covered gable roof. It is in a fenced area immediately south of the stadium parking lot. The building features overhanging boxed eaves with wood fascia boards. Its concrete walls are clad in plaster. Entry to the individual gender-separated sections is gained through single-width pedestrian doors on both east and west elevations. Metal privacy screens shield the restroom entrances from view. Three boarded-up windows are evenly spaced on the south elevation. No other fenestration is present. While the restroom facility is not representative of a distinct architectural style, its design language is consistent with that of other buildings on campus, including the stadium.

***P3b. Resource Attributes:** HP4. Ancillary building

***P4. Resources Present:** ☒ Building ☐ Structure ☐ Object ☐ Site ☐ District ☐ Element of District ☐ Other:

***P5a. Photograph or Drawing:**

P5b. Description of Photo: West and south elevations of the restroom facility, facing northeast.

***P6. Date Constructed/Age and Sources:**
☐ Prehistoric ☒ Historic ☐ Both
Ca. 1961

***P7. Owner and Address:**
Riverdale Joint Unified School District
P.O. Box 1058
Riverdale, CA 93656

***P8. Recorded By:** Cheyenne Good-Peery
Sophia Lynch, and Justin Tidd
Applied EarthWorks, Inc.
1391 W. Shaw Ave., Suite C
Fresno, California 93711

***P9. Date Recorded:** April 25, 2025

***P10. Survey Type:** ☒ Intensive
☐ Reconnaissance ☐ Other
Describe: Pedestrian survey

***P11. Report Citation:** Nicole Saenz, Sophia Lynch, Cheyenne Good-Peery, and Carlos van Onna 2025 *Cultural Resource Inventory and Evaluation for the Riverdale High School Improvement Project, Fresno County, California.* Applied EarthWorks, Inc., Fresno, California. Prepared for Riverdale Joint Unified School District, Riverdale, California.

***Attachments:**
☐ NONE
☒ Building, Structure, and Object Record
☒ Photograph Record
☒ Location Map
☐ Archaeological Record
☐ Milling Station Record
☐ Other (list):
☒ Sketch Map
☐ District Record
☐ Rock Art Record
☐ Continuation Sheet
☐ Linear Feature Record
☐ Artifact Record

B1. Historic Name: None.

B2. Common Name: Bathrooms

B3. Original Use: Public restroom **B4. Present Use:** Public restroom

***B5. Architectural Style:** Vernacular

***B6. Construction History (construction date, alterations, and dates of alterations):** The restroom facility first appears in an aerial photograph from 1961. It was not present in an aerial photograph from 1957.

***B7. Moved?:** ☒ No ☐ Yes ☐ Unknown Date: Original Location:

***B8. Related Features:** Riverdale High School stadium, on a separate Primary form

B9. a. Architect: Unknown **b. Builder:** Riverdale Joint Unified School District

***B10. Significance:** Theme: Local Athletics Area: Fresno County
Period of Significance: None Property Type: Restroom Facility Applicable Criteria: None

The Railroad and Growth of Riverdale

The town of Riverdale, like most valley communities, owes its existence to the railroad, specifically the Hanford & Summit Lake Railway (Robertson 1998:126). Beginning operation in 1912, the 42-mile-long line extended south to southeast from Ingle (about 4 miles north of Tranquility) and made various stops in the Fresno Slough and lower Kings River areas before terminating at Hardwick in Kings County. In 1917, the Southern Pacific Railroad acquired the Hanford & Summit Lake line. In addition to Riverdale, the new railroad gave rise to West Side communities like Tranquility and San Joaquin. Fresno County atlases from 1911, 1913, and 1920 show a steady expansion around the center of Riverdale, at the present-day intersection of Mt. Whitney and Valentine avenues. By 1920, the town's residential lots covered about 100 acres of former agricultural land (Guard 1911; Progressive Map Service 1913, 1920).

Riverdale High School

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In the late nineteenth century, the formation of a California school district required a certain number of students, specific administrative and fiscal conditions, and approval by the County Board of Supervisors. With unchallenging qualifications, many smaller school districts, such as Riverdale, formed all throughout Fresno County. The Riverdale School District formed in 1878, although historical newspapers indicate there was a school in Riverdale as early as 1876. In rural California, families lived farther apart and lacked public transportation, resulting in centrally located schools accessible by foot or by horse. It was not uncommon for students to commute two or more miles by

This space reserved for official comments.

Sketch Map
See Sketch map

foot each way. As the more remote areas in California grew in population and families lived closer together, the already-established smaller school districts typically unified into larger districts.

The RJUSD was organized in 1912 and consisted of the Crescent, Elkhorn, Liberty, North Fork, and Riverdale school districts. The first year of instruction at the RJUSD high school served 13 students from Fresno and King counties in the Barritt's Opera House. The following 1913–1914 school year, 23 students were enrolled, and classes were moved to the larger, two-story Fleharty Hall to accommodate the growing population. By 1916, the RJUSD high school produced its first graduating class, had 50 enrolled students, and operated out of the Odd Fellows Hall.

In 1915, the local community recognized the steady exponential growth of student enrollment at the high school and voted in favor of a $30,000 bond measure for the construction of a new high school campus. After the consideration of numerous site options, the brand-new school was completed in 1916 on Mt. Whitney Avenue in its current location. It was commonly known as "Riverdale High School" and is often referred to as the "Mt. Whitney campus" in historical records.

Following design trends from the Progressive Education Movement, which focused on education tailored to the interests and needs of individual students, the original Riverdale High School included five classrooms and an auditorium, rather than a single-room schoolhouse. The school operated out of the original facilities until 1947, when plans were developed and approved for a new north and south wing with classrooms and new buildings, including a cafeteria, wood and auto shop, and auditorium. RJUSD purchased 40 additional acres from 1948 to 1949 and expanded the current high school campus northward. This expansion was likely in response to population growth spurned by the development of nearby Lemoore Naval Air Station. Additionally, tentative plans were made to add a junior high school to the campus. The junior high school, however, was never built despite further population growth (Riverdale Joint Unified School District 2025).

Athletics at Riverdale High School

Riverdale High School instituted team athletics since its inception in 1912, as evidenced by historical Fresno County newspapers. Newspapers began reporting on the school's basketball games as early as 1913 and baseball games beginning in 1917 (Fresno Morning Republican 1913, 1917). A tennis team is noted as early as 1926. While sports teams were not often co-ed, both genders were given an opportunity to participate in athletics at Riverdale High School from an early date (Fresno Herald 1919). Newspapers describe a girls' basketball team in 1917 and both a boys and a girls tennis team in 1926. As of 2025, Riverdale High School offers basketball, cheerleading, cross county, golf, soccer, tennis, track, baseball, football, softball, volleyball, and stunt teams.

Of the sporting events at Riverdale High School, most local news coverage has been afforded to the football team, known as the Riverdale Cowboys. The team was formed in 1921, five years after the Mt. Whitney campus opened. The inaugural season included 11 players who competed in a Fresno County league composed of smaller teams from high schools also participating in football for the first time (Fresno Morning Republican 1921). By the end of the 1920s, the football team was an established part of campus culture with events including alumni games and weekly coverage during the season in county newspapers (Fresno Bee 1924).

Of note is athlete, actor, and politician Carlos Alan Autry, also known as Alan Autry or Carlos Brown, who played football as a Riverdale Cowboy in the late 1960s. After graduating from Riverdale High School in 1970, Autry found success in the National Football League, Hollywood, and politics. Autry returned to his hometown of Fresno after retiring from Hollywood. In Fresno, he went on to serve two terms as the mayor from 2001 to 2009 (Editors of Biography 2021).

Significance Evaluation

Criterion 1—Associated with events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the United States. The restroom facility appears to have been constructed between 1961 and 1965. It does not appear to have been the site of any noteworthy advancements related to Riverdale High School campus. Archival research did not reveal that the building was associated with any specific events or trends that have made significant contributions to the patterns of California's history and cultural heritage. Therefore, the restroom facility is not considered significant under Criterion 1.

Criterion 2—Associated with the lives of persons important to local, California, or national history. Review of regional histories, available property atlases and maps, and historical newspapers did not reveal any information about potentially significant individuals or groups associated with the restroom facility. While historical ownership

records for the land from the time of construction were unavailable, supplemental research did not reveal significant persons associated with the land the facility was built on, or the building itself. For this reason, the restroom facility is not considered significant under Criterion 2.

Criterion 3—Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of a master, or possesses high artistic values. The restroom facility is one of several buildings on the Riverdale High School campus constructed in a unified design language characterized by unadorned, plastered concrete and simple roof types. Buildings from this era of campus development are mostly utilitarian in function and share a sober paint scheme. The restroom facility is not representative of a significant architectural style. It is not distinctive of a defined, historically significant type, period, or method of construction, it is not the work of a master, and it does not possess high artistic value. For these reasons, the restroom facility is not considered significant under Criterion 3.

Criterion 4—Has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation. Criterion 4 applies to built environment resources if further study has the potential to yield information that cannot be obtained from other sources. However, the restroom facility is an example of a common resource type in California that has been well documented. Æ has exhausted available sources and no additional information could be gleaned from the field visit. Therefore, Æ does not anticipate that any additional information can be identified that would prove the building to be significant. The restroom facility is not considered significant under Criterion 4.

Eligibility

A discussion of integrity is not required because the resource does not possess historical significance. The restroom facility does not possess significance under the CRHR criteria for evaluation; therefore, it is recommended ineligible for listing in the CRHR and does not qualify as a historical resource for the purposes of CEQA.

B11. Additional Resource Attributes (list attributes and codes): None.

***B12. References:**

Editors of Biography
2021 Alan Autry, https://www.biography.com/actor/alan-autry, accessed May 28, 2025. Biography.com, Hearst Digital Media.

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1924 Riverdale High Wins from Alumni, 2 to 0. *Fresno Bee* 28 November:15, https://www.newspapers.com/image/700823948/?match=1&terms=riverdale%20high%20wins%20from%20alumni, accessed May 15, 2025. Newspapers.com. Fresno, California.

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Sapphos Environmental, Inc.
2014 *Los Angeles Unified School District: Historic Context Statement, 1870 to 1969*. Sapphos Environmental, Inc., Pasadena, California. Prepared for the Los Angeles Unified School District, Office of Environmental Health and Safety.

B13. Remarks: None.

***B14. Evaluator:** Carlos van Onna
Date of Evaluation: June 9, 2025

Date: April 25, 2025 Photographer: Blair, Church, & Flynn

East and north elevations of the restroom facility, facing northwest.

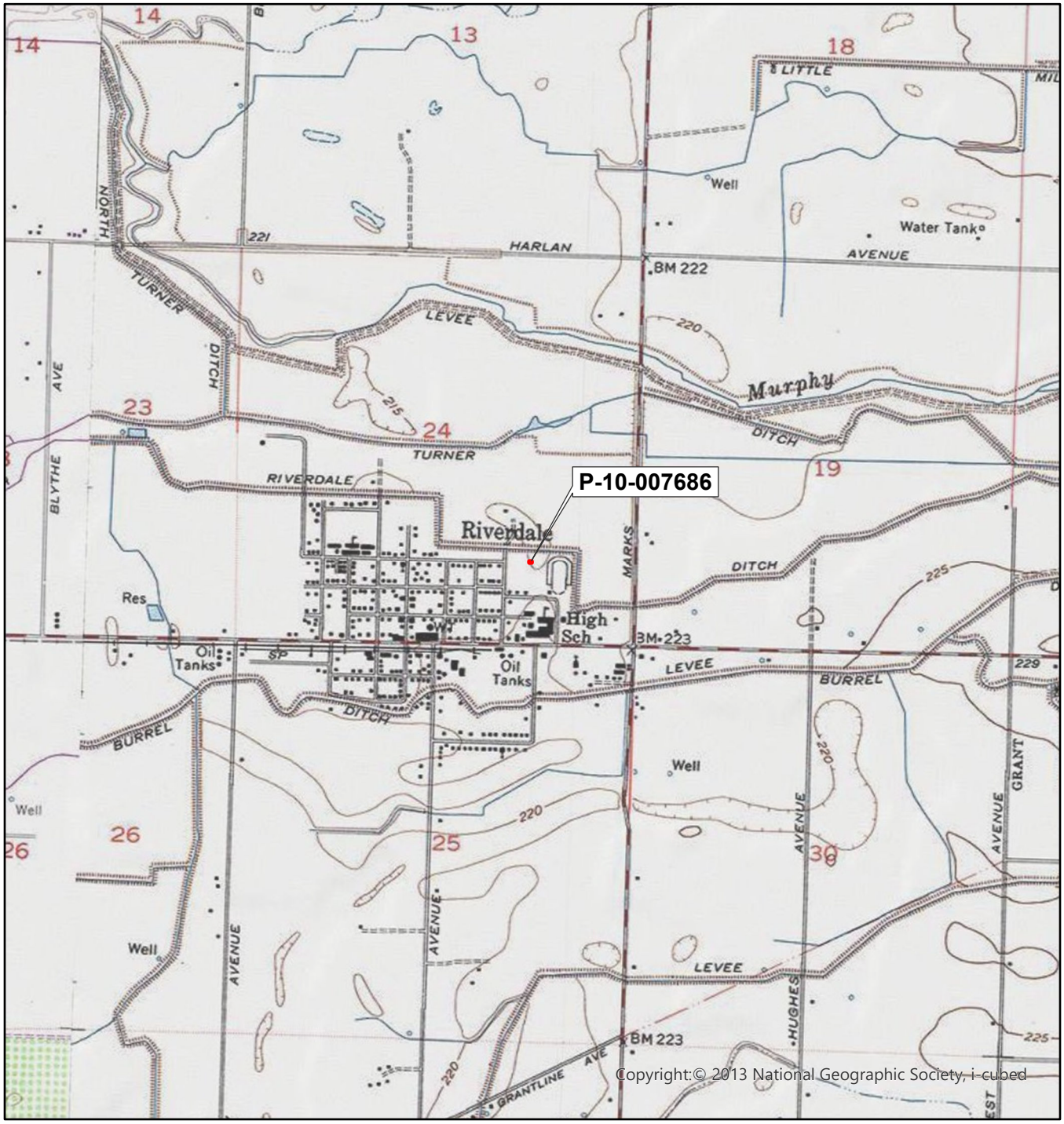
State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

Primary # 10-007686
HRI#
Trinomial CA-FRE-4070H

Page 7 **of** 8 **Resource Name or #:** Riverdale High School Restroom Facility **Scale:** 1:24,000

Map Name: Riverdale (1954), CA, USGS 7.5' quadrangle(s) **Date:** 1954



Scale: 1:24,000

N

0 0.5 1 Miles

0 1,000 2,000 3,000 4,000 5,000 Feet

0 0.5 1 Kilometers

Date Recorded: 2025

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
SKETCH MAP

Primary # 10-007686
HRI#
Trinomial CA-FRE-4070H

Page 8 **of** 8 ***Resource Name or #:** Riverdale High School Restroom Facility

***Drawn by:** J. Haller ***Scale:** 1 inch equals 30 feet ***Date of map:** June 2025

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
PRIMARY RECORD

Primary # 10-007687
HRI #
Trinomial CA-FRE-4071H
NRHP Status Code

Other Listings
Review Code | Reviewer | Date

 Resource Name or # Riverdale High School Stadium

P1. Other Identifier:

***P2. Location: a. County:** Fresno ☐ **Not for Publication** ☒ **Unrestricted**
b. USGS 7.5′ Quad: Riverdale **Date:** 1954 T17S, R19E; Sec. 24 M.D. **B.M.**
c. Address: 3086 W.Mount Whitney Ave., Riverdale, Fresno County, CA
d. UTM: NAD 83, Zone 11N; 244103 **mE** / 4035830 **mN**
e. Other Locational Data: None.

***P3a. Description:** The Riverdale High School Stadium is comprised of a grass sports field bounded by an oval, dirt track loop, concrete stadium seating along the east and west sides of the field, and a press box within the west seating section that marks the stadium's main entrance. An earthen berm with vegetation encloses the north and northeast side of the stadium. The berm contains a lower section of concrete stadium seating along the east side of the field. The south end of the stadium is open to the campus. The stadium is bounded by the high school baseball and softball practice fields to the north, campus buildings to the south, and Bogdanoff Field (a baseball field) to the west. The main entrance is accessible by concrete sidewalks that connect to a rectangular, paved parking lot northwest of the stadium. While the built elements of the stadium are not representative of a distinct architectural style, their design language is consistent with that of other buildings on campus from around the middle of the twentieth century. (See Continuation Sheet)

***P3b. Resource Attributes:** HP42. Stadium / sports arena

***P4. Resources Present:** ☒ Building ☒ Structure ☒ Object ☐ Site ☐ District ☐ Element of District ☐ Other:

***P5a. Photograph or Drawing:**

P5b. Description of Photo: West elevation of the sound box at the west entrance to the stadium, facing east.

***P6. Date Constructed/Age and Sources:**
☐ Prehistoric ☒ Historic ☐ Both
Between 1942 and 1950

***P7. Owner and Address:**
Riverdale Joint Unified School District
P.O. Box 1058
Riverdale, CA 93656

***P8. Recorded By:** Cheyenne Good-Peery
Sophia Lynch, and Julio Olivares,
Applied EarthWorks, Inc.
1391 W. Shaw Ave., Suite C
Fresno, California 93711

***P9. Date Recorded:** April 25, 2025

***P10. Survey Type:** ☒ Intensive
☐ Reconnaissance ☐ Other
Describe: Pedestrian survey

***P11. Report Citation:** Nicole Saenz, Sophia Lynch, Cheyenne Good-Peery, and Carlos van Onna 2025 *Cultural Resource Inventory and Evaluation for the Riverdale High School Improvement Project, Fresno County, California.* Applied EarthWorks, Inc., Fresno, California. Prepared for Riverdale Joint Unified School District, Riverdale, California.

***Attachments:**
☐ NONE
☒ Location Map
☒ Sketch Map
☒ Continuation Sheet
☒ Building, Structure, and Object Record
☐ Archaeological Record
☐ District Record
☐ Linear Feature Record
☐ Milling Station Record
☐ Rock Art Record
☐ Artifact Record
☒ Photograph Record
☐ Other (list):

*P3a. **Description (continued):** The central grass field is 525 feet long and 225 feet wide and is enclosed by a 1,312-foot (400 meter) dirt running track. The field is painted with the standard 360 foot-long football field grid, and two modern football goal posts and soccer goals are at each end of the painted field. A modern scoreboard is at the far north end of the stadium.

The west seating is 300 feet long and includes eight rows of tiered seating. The seating is separated into five sections by six staircases. It has a poured concrete foundation, topped by metal bench seats, and is enclosed by a chain link fence. Seating is accessible through four gates, with two at the bottom and two at the top of the seats. The gates at the top of the seats allow access to the stadium seating from the west entrance to the stadium. The south end of the seats are painted green and lettered with "cowboy pride" in white paint.

The two-story, plaster-clad press box is to the rear of the west stadium seating. The building has a rectangular floor plan and is topped by a lowly-pitched shed roof. The press box has three entrances with flush metal doors: one on the north elevation and two on the south elevation. One of the entrances on the south elevation is on the second story and is accessed by a mobile ladder. Fenestration consists of six windows. Four aluminum double hung windows are on the west elevation and two are on the east elevation, overlooking the field. The windows on the east elevation are fitted with retractable wood shutters. The west elevation faces the stadium entrance and is decorated with the Riverdale School mascot, a cowboy riding a bucking horse, in the center, flanked by the words "Riverdale Cowboys."

B1. Historic Name: None

B2. Common Name: Jack King Field

B3. Original Use: Recreational sports **B4. Present Use:** Recreational sports

***B5. Architectural Style:** Vernacular

***B6. Construction History (construction date, alterations, and dates of alterations):** Historical aerial photography provides insight into the construction dates for the built resources at Riverdale High School. An aerial photograph from 1942 shows no evidence of resources related to the stadium. By 1950, the stadium was constructed and included the field, track, protective earthen berm, west seating, and west entrance and parking lot. By 1961, the restroom facility was in place west of the stadium, just south of the parking lot. Between 1967 and 1970, improvements were made to the stadium; visually, it is evident the west seating were extended to the north and south, and east seating were added. These improvements coincide with records that new sports facilities, including a second gym, locker rooms, a weight room, a physical education classroom, and offices for coaches and physical education teachers, were added in the early 1970's to accommodate the growing needs of the Riverdale High School Athletics department (Riverdale Joint Unified School District 2025). In 2018, the stadium was dedicated to Jack King, a 1947 four-sport athlete and graduate of the high school, who became a lifelong "superfan" of Riverdale High School athletics. A new scoreboard commemorating "Jack King Field" was installed at the north end of the field in honor of this dedication.

***B7. Moved?:** ☒ No ☐ Yes ☐ Unknown Date: Original Location:

***B8. Related Features:** Field, running track, seating, earthen berm; Restroom facility, on a separate Primary form; Concession stand, on a separate Primary form

B9. a. Architect: Unknown **b. Builder:** Riverdale Joint Unified School District

***B10. Significance:** Theme: Local Athletics Area: Fresno County
Period of Significance: None Property Type: Recreational Applicable Criteria: None

The Railroad and Growth of Riverdale

The town of Riverdale, like most valley communities, owes its existence to the railroad, specifically the Hanford & Summit Lake Railway (Robertson 1998:126). Beginning operation in 1912, the 42-mile-long line extended south to southeast from Ingle (about 4 miles north of Tranquility) and made various stops in the Fresno Slough and lower Kings River areas before terminating at Hardwick in Kings County. In 1917, the Southern Pacific Railroad acquired the Hanford & Summit Lake line. In addition to Riverdale, the new railroad gave rise to West Side communities like Tranquility and San Joaquin. Fresno County atlases from 1911, 1913, and 1920 show a steady expansion around the center of Riverdale, at the present-day intersection of Mt. Whitney and Valentine avenues. By 1920, the town's residential lots covered about 100 acres of former agricultural land (Guard 1911; Progressive Map Service 1913, 1920).

Riverdale High School

Education in California prior to the twentieth century followed national trends of authoritarian teaching methods that valued passivity and operated out of one-room schoolhouses. Philosopher John Dewey spearheaded the Progressive Education Movement in the 1880s to reform the rote approach to schooling. The Progressive Education Movement advocated for a more individualized and hands-on learning experience to coincide with a student's natural curiosity.

This space reserved for official comments.

Sketch Map
See sketch map

Dewey's ideas centered around individual achievement by using materials other than textbooks and environments outside of the schoolhouse. The influence of the Progressive Education Movement was seen in campus architecture throughout the United States and California beginning in the 1910s, where schoolhouses were replaced by more flexible designs that emphasized natural light, integrated the outdoors, and utilized classroom wings as opposed to a single room. With modern campus designs accounting for multiple classrooms and teachers, single-subject courses such as agriculture became more accessible (Sapphos Environmental 2014).

In the late nineteenth century, the formation of a California school district required a certain number of students, specific administrative and fiscal conditions, and approval by the County Board of Supervisors. With unchallenging qualifications, many smaller school districts, such as Riverdale, formed all throughout Fresno County. The Riverdale School District formed in 1878, although historical newspapers indicate there was a school in Riverdale as early as 1876. In rural California, families lived farther apart and lacked public transportation, resulting in centrally located schools accessible by foot or by horse. It was not uncommon for students to commute two or more miles by foot each way. As the more remote areas in California grew in population and families lived closer together, the already-established smaller school districts typically unified into larger districts.

The RJUSD was organized in 1912 and consisted of the Crescent, Elkhorn, Liberty, North Fork, and Riverdale school districts. The first year of instruction at the RJUSD high school served 13 students from Fresno and King counties in the Barritt's Opera House. The following 1913–1914 school year, 23 students were enrolled, and classes were moved to the larger, two-story Fleharty Hall to accommodate the growing population. By 1916, the RJUSD high school produced its first graduating class, had 50 enrolled students, and operated out of the Odd Fellows Hall.

In 1915, the local community recognized the steady exponential growth of student enrollment at the high school and voted in favor of a $30,000 bond measure for the construction of a new high school campus. After the consideration of numerous site options, the brand-new school was completed in 1916 on Mt. Whitney Avenue in its current location. It was commonly known as "Riverdale High School" and is often referred to as the "Mt. Whitney campus" in historical records.

Following design trends from the Progressive Education Movement, which focused on education tailored to the interests and needs of individual students, the original Riverdale High School included five classrooms and an auditorium, rather than a single-room schoolhouse. The school operated out of the original facilities until 1947, when plans were developed and approved for a new north and south wing with classrooms and new buildings, including a cafeteria, wood and auto shop, and auditorium. RJUSD purchased 40 additional acres from 1948 to 1949 and expanded the current high school campus northward. This expansion was likely in response to population growth spurned by the development of nearby Lemoore Naval Air Station. Additionally, tentative plans were made to add a junior high school to the campus. The junior high school, however, was never built despite further population growth (Riverdale Joint Unified School District 2025).

Athletics at Riverdale High School

Riverdale High School instituted team athletics since its inception in 1912, as evidenced by historical Fresno County newspapers. Newspapers began reporting on the school's basketball games as early as 1913 and baseball games beginning in 1917 (Fresno Morning Republican 1913, 1917). A tennis team is noted as early as 1926. While sports teams were not often co-ed, both genders were given an opportunity to participate in athletics at Riverdale High School from an early date (Fresno Herald 1919). Newspapers describe a girls' basketball team in 1917 and both a boys and a girls tennis team in 1926. As of 2025, Riverdale High School offers basketball, cheerleading, cross county, golf, soccer, tennis, track, baseball, football, softball, volleyball, and stunt teams.

Of the sporting events at Riverdale High School, most local news coverage has been afforded to the football team, known as the Riverdale Cowboys. The team was formed in 1921, five years after the Mt. Whitney campus opened. The inaugural season included 11 players who competed in a Fresno County league composed of smaller teams from high schools also participating in football for the first time (Fresno Morning Republican 1921). By the end of the 1920s, the football team was an established part of campus culture with events including alumni games and weekly coverage during the season in county newspapers (Fresno Bee 1924).

Of note is athlete, actor, and politician Carlos Alan Autry, also known as Alan Autry or Carlos Brown, who played football as a Riverdale Cowboy in the late 1960s. After graduating from Riverdale High School in 1970, Autry found success in the National Football League, Hollywood, and politics. Autry returned to his hometown of Fresno

after retiring from Hollywood. In Fresno, he went on to serve two terms as the mayor from 2001 to 2009 (Editors of Biography 2021).

Significance Evaluation

Criterion 1—Associated with events that have made a significant contribution to the broad patterns of local or regional history, or the cultural heritage of California or the United States. The stadium appears to have been constructed between 1942 and 1950. It is a commonplace building type within the development of high school campuses throughout California during the mid-twentieth century, during which most construction was characterized by what could be accomplished in the most economic manner to meet the widespread demand of the nationwide population boom. This would especially be the case in the 1940s, during and immediately post-World War II. Archival research did not reveal that the stadium was associated with any specific events or trends that have made significant contributions to the patterns of California's history and cultural heritage. The stadium does not appear to have been the site of any noteworthy advancements related to Riverdale High School campus, high school athletics, outstanding accomplishments in sports, or other significant historical events. Therefore, the stadium is not considered significant under Criterion 1**.**

Criterion 2—Associated with the lives of persons important to local, California, or national history. Review of regional histories, available property atlases and maps, and historical newspapers revealed limited information about two potentially significant individuals that have a tangential association with the stadium. Athlete, actor, and politician Alan Autry attended Riverdale High School. While Autry likely played football at the stadium, his time as a student predates any of his professional accomplishments. Therefore, the stadium is not representative of Autry's most notable accomplishments. In recent years, the stadium was named after former student and athlete Jack King. No evidence was found to suggest that the stadium is closely associated with any significant contributions to local, California, or national history by this individual. Historical ownership records for the land from the time of construction were unavailable and supplemental research did not reveal significant persons associated with the land the stadium was built on, or the stadium itself. It does not appear to be associated with widely recognized athletes or other historically significant individuals or groups. For this reason, the stadium is not considered significant under Criterion 2.

Criterion 3—Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of a master, or possesses high artistic values. The Riverdale High School Stadium is an example of a commonplace building type found on high school campuses across the country, especially during the mid-twentieth century. During the 1940s, construction often utilized simple forms that could be replicated, readily available materials, and little to no ornamentation in order to economically meet the demands of a nationwide population boom. It is not representative of a significant architectural style, and the architect is unknown. It is not distinctive of a defined, historically significant type, period, or method of construction, it is not the work of a master, and it does not possess high artistic value. For these reasons, the stadium is not considered significant under Criterion 3.

Criterion 4—Has yielded, or has the potential to yield, information important to the prehistory or history of the local area, California, or the nation. Criterion 4 applies to built environment resources if further study has the potential to yield information that cannot be obtained from other sources. However, the stadium is an example of a common resource type in California that has been well documented. Æ has exhausted available sources and no additional information could be gleaned from subsequent field visits. Therefore, Æ does not anticipate that any additional information can be identified that would prove the resource to be significant. The stadium is not considered significant under Criterion 4.

Eligibility

A discussion of integrity is not required because the resource does not possess historical significance. The Riverdale High School Stadium does not possess significance under the CRHR criteria for evaluation; therefore, it is recommended ineligible for listing in the CRHR and does not qualify as a historical resource for the purposes of CEQA.

B11. Additional Resource Attributes (list attributes and codes):

***B12. References:**

Editors of Biography

2021 Alan Autry, https://www.biography.com/actor/alan-autry, accessed May 28, 2025. Biography.com, Hearst Digital Media.

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1924 Riverdale High Wins from Alumni, 2 to 0. *Fresno Bee* 28 November:15, https://www.newspapers.com/image/700823948/?match=1&terms=riverdale%20high%20wins%20from%20alumni, accessed May 15, 2025. Newspapers.com. Fresno, California.

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Sapphos Environmental, Inc.
2014 *Los Angeles Unified School District: Historic Context Statement, 1870 to 1969*. Sapphos Environmental, Inc., Pasadena, California. Prepared for the Los Angeles Unified School District, Office of Environmental Health and Safety.

B13. Remarks: None.

***B14. Evaluator:** Carlos van Onna
Date of Evaluation: June 9, 2025

North end of the field and track, facing northeast.

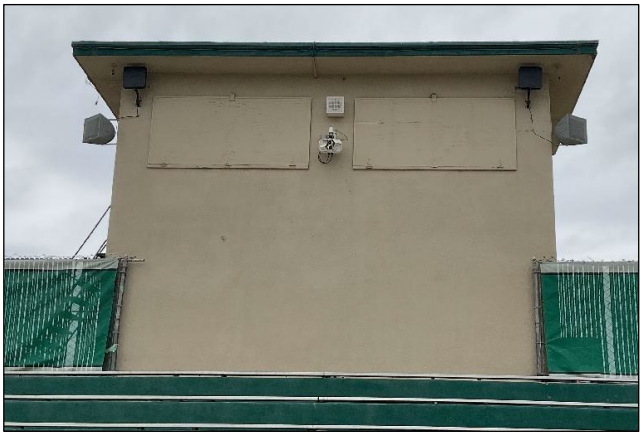
South end of the field and track, facing southeast.

Larger, west set of stadium seating with east elevation of the press box, facing west.

Earthen berm between the stadium and the practice baseball field, facing northeast.

South elevation of the west stadium seating, facing north.

South elevation of the press box building, west entrance to the left, and west bleachers to the right, facing north.



East elevation of the press box building, facing west.

North elevation of the press box building, facing south.

Smaller, east set of stadium seating, facing east.

Contemporary scoreboard at north end of the field, facing north.

Contemporary ticket booth at the parking lot stadium entrance.

Small contemporary storage building, facing northwest.

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION

LOCATION MAP

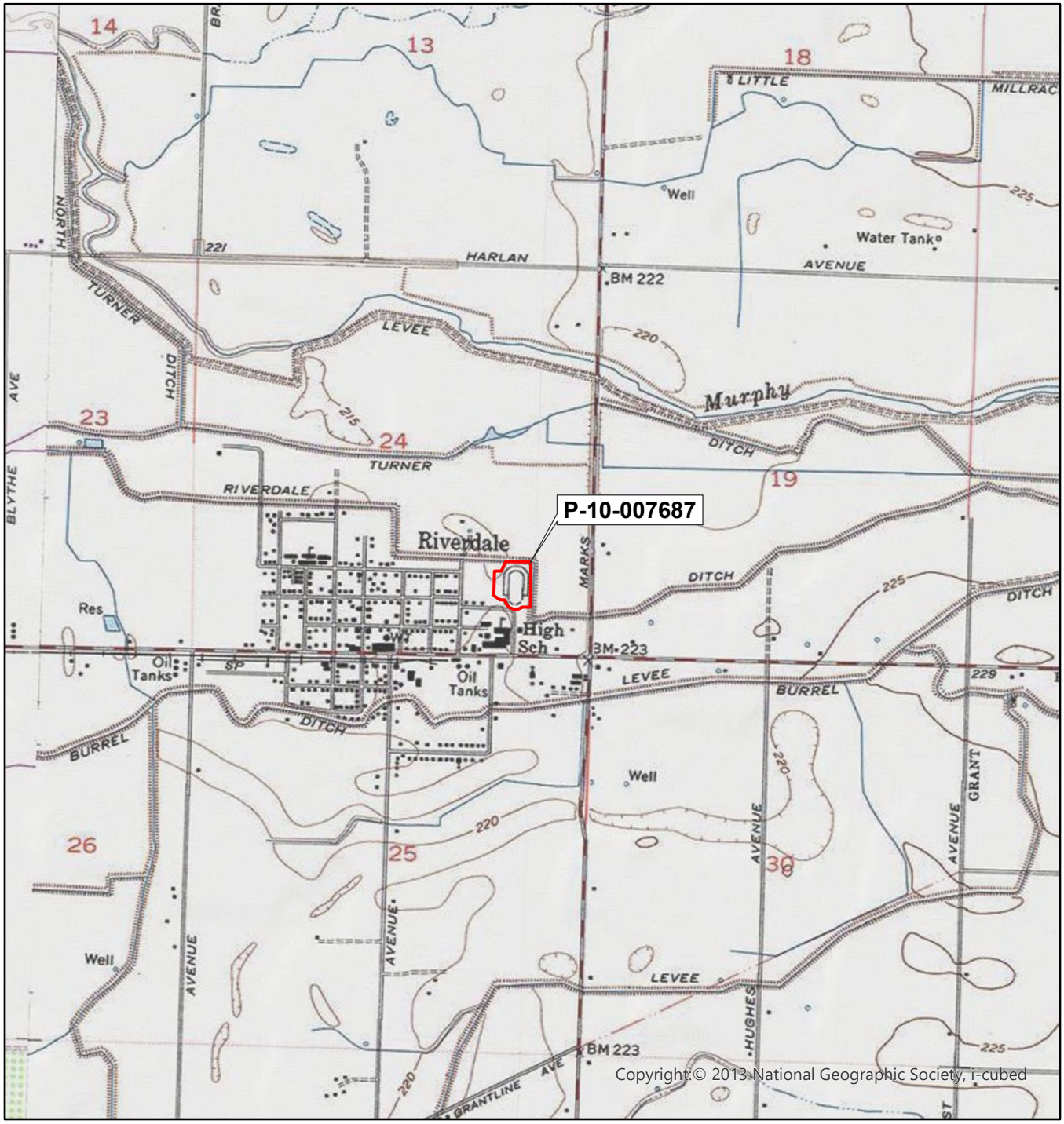
Primary # 10-007687
HRI#
Trinomial CA-FRE-4071H

Resource Name or #: Riverdale High School Stadium

Scale: 1:24,000

Map Name: Riverdale (1954), CA, USGS 7.5' quadrangle(s)

Date: 1954



Scale: 1:24,000

N

0 0.5 1 Miles

0 1,000 2,000 3,000 4,000 5,000 Feet

0 0.5 1 Kilometers

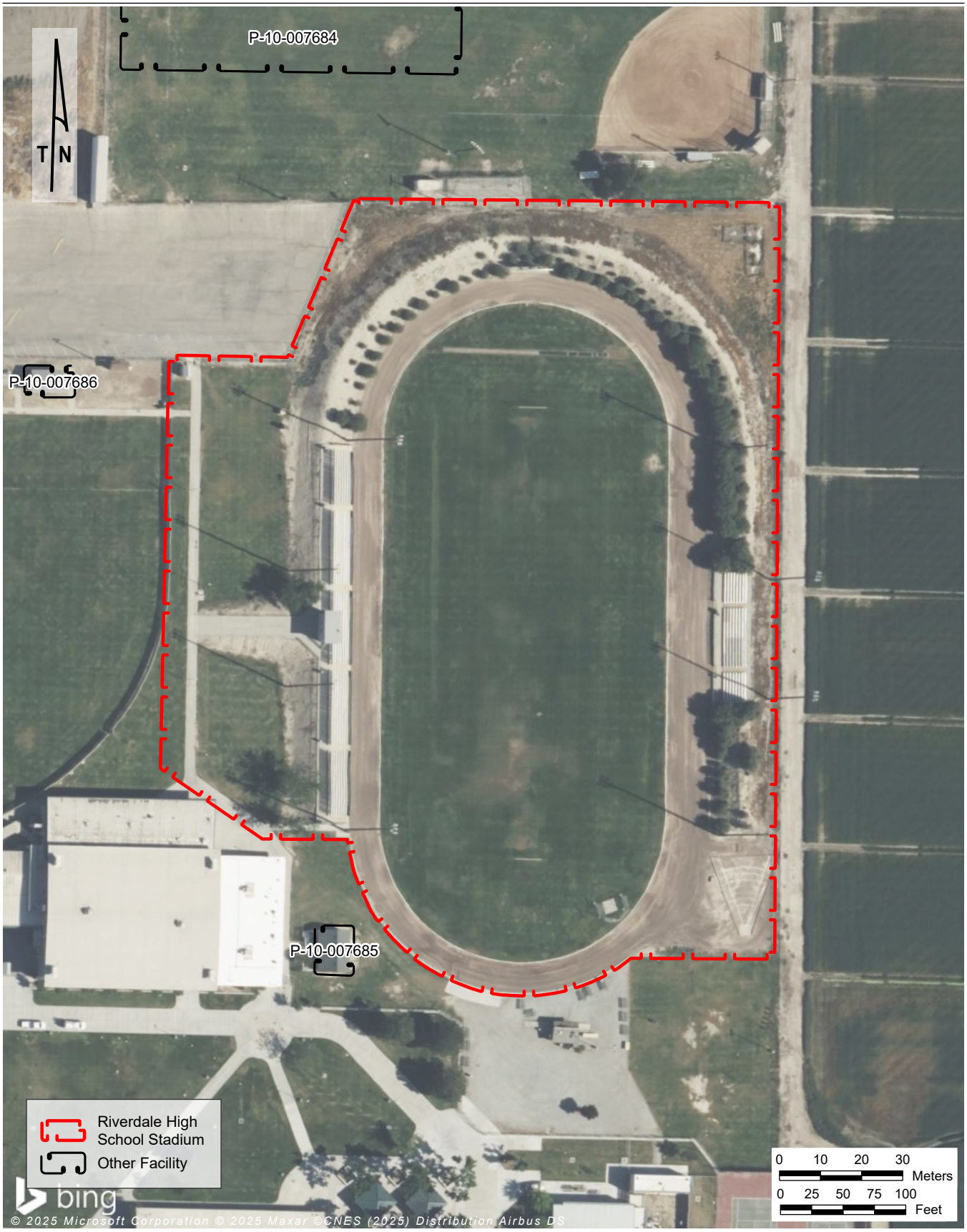
Date Recorded: 2025

State of California — The Resources Agency
DEPARTMENT OF PARKS AND RECREATION
SKETCH MAP

Primary # 10-007687
HRI#
Trinomial CA-FRE-4071H

Page 10 **of** 10 ***Resource Name or #:** Riverdale High School Stadium

***Drawn by:** J. Haller ***Scale:** 1 inch equals 110 feet ***Date of map:** June 2025



Appendix D: Energy Impact Analysis

Energy Impact Assessment

For The Proposed

Riverdale High School Facility Improvements Project

Riverdale, CA

Prepared for:

Riverdale Joint Unified School District
P.O. Box 1058
Riverdale, CA 93656

Prepared: May 2025

Prepared By:

Blair, Church & Flynn Consulting Engineers
451 Clovis Avenue, Suite 200
Clovis, CA 93612
www.bcf-engr.com

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List of Common Terms & Acronyms

AB	Assembly Bill
AFV	Alternative Fuel Vehicles
CAFE	Corporate Average Fuel Economy
CalEEMod	California Emissions Estimator Model
CARB	California Air Resources Board
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CHP	Combines Heat Power
CPUC	California Public Utilities Commission
CO_2	Carbon Dioxide
DSG	Department of General Services
EMFAC	Emissions Factor
EO	Executive Order
EPA	U.S. Environmental Protection Agency
GHG	Greenhous Gas
kBTU	Kilo British Thermal Unis
kW	Kilowatt
kWh	Kilowatt Hour
LEED	Leadership in Energy and Environmental Design
MMcf	Million Cubic Feet
MW	Megawatt
NHSTA	National Highway Traffic Safety Administration
PG&E	Pacific Gas and Electric
PV	Photovoltaic
SB	Senate Bill
SCAQMD	South Coast Air Quality Management District
SJVAPCD	San Joaquin Valley Air Pollution Control District
USDOT	U.S. Department of Transportation
VMT	Vehicle Miles Travelled
ZEV	Zero Emission Vehicle

Introduction

This report provides an analysis of potential energy impacts associated with the proposed Riverdale High School Facility Improvements Project (project). This report also provides a summary of existing conditions in the project area and the applicable regulatory framework pertaining to energy.

Proposed Project Summary

The project site is located on 21.5 acres northeast of the intersection of W. Mounty Whitney Avenue and S. Hazel Avenue in the Census-designated community of Riverdale (Riverdale), CA, in Fresno County (County), California (APN: 053-130-12T, and 053-130-82T). The Riverdale Joint Unified School District (District) proposes renovating the football/soccer and track stadium, reconstructing a parking lot, constructing new community multi-use athletic fields, reconstructing the Agriculture Barn Education Facility (Ag Barn), and improving a section of S. Hazel Avenue. Work would be completed in three phases. Phase 1 would renovate the existing high school football/soccer and track stadium (7.34 acres), reconstruct a parking lot (1.56 acres), and prepare a staging/soil fill area (2.08 acres). Phase 2 would construct three new multi-use athletic fields (5.87 acres), improvements to Hazel Ave. (1.08 acres), undergrounding of existing electrical utilities (0.38 acres), demolish the existing Ag Barn building and surrounding campus farm, and expand the campus stormwater basin (1.42 acres). Phase 3 would construct a new Agriculture Education Barn facility (3.34 acres), a small bathroom building, reconstruct S. Hazel Avenue and add a sidewalk and parking on the east side of Hazel Avenue (0.52 acres). Maps identifying the project location, project site, and project site plans are presented in Figures 1, 2, and 3, respectively.

Energy Fundamentals

Energy consumption is commonly linked to transportation, construction, and land use operations. In transportation, energy use is classified into direct and indirect categories. Direct energy pertains to the fuel consumption required for vehicle propulsion, whereas indirect energy encompasses the long-term energy demands of equipment, including maintenance activities. Additionally, energy is expended in the construction and ongoing operation and maintenance based on land uses. Construction energy represents a one-time direct expenditure, primarily driven by fuel consumption for operating construction machinery. Land use-related energy consumption is typically associated with direct energy consumption for building systems such as heating, ventilation, and air-conditioning.

Figure 1: Project Location

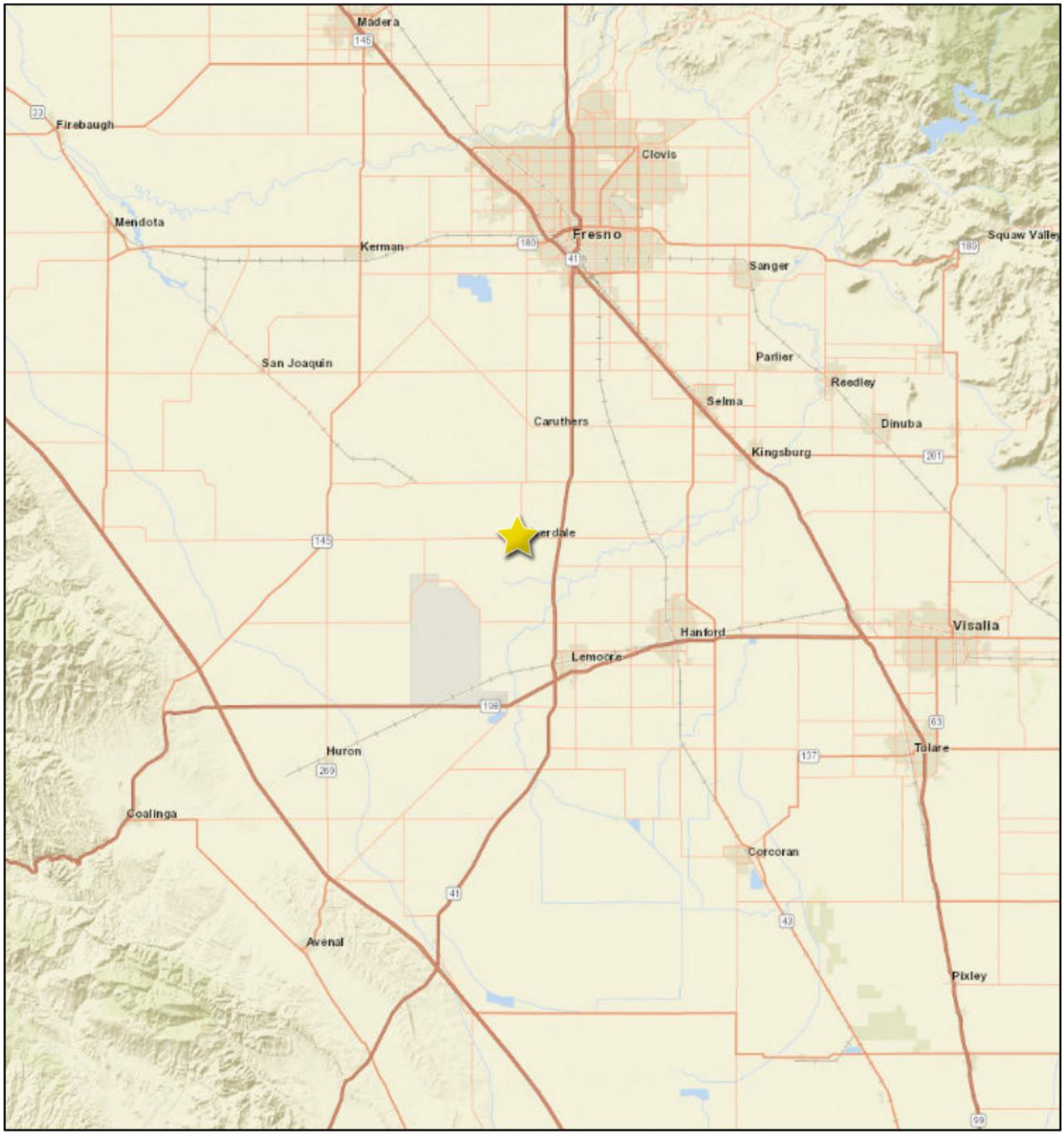


Figure 2: Project Site

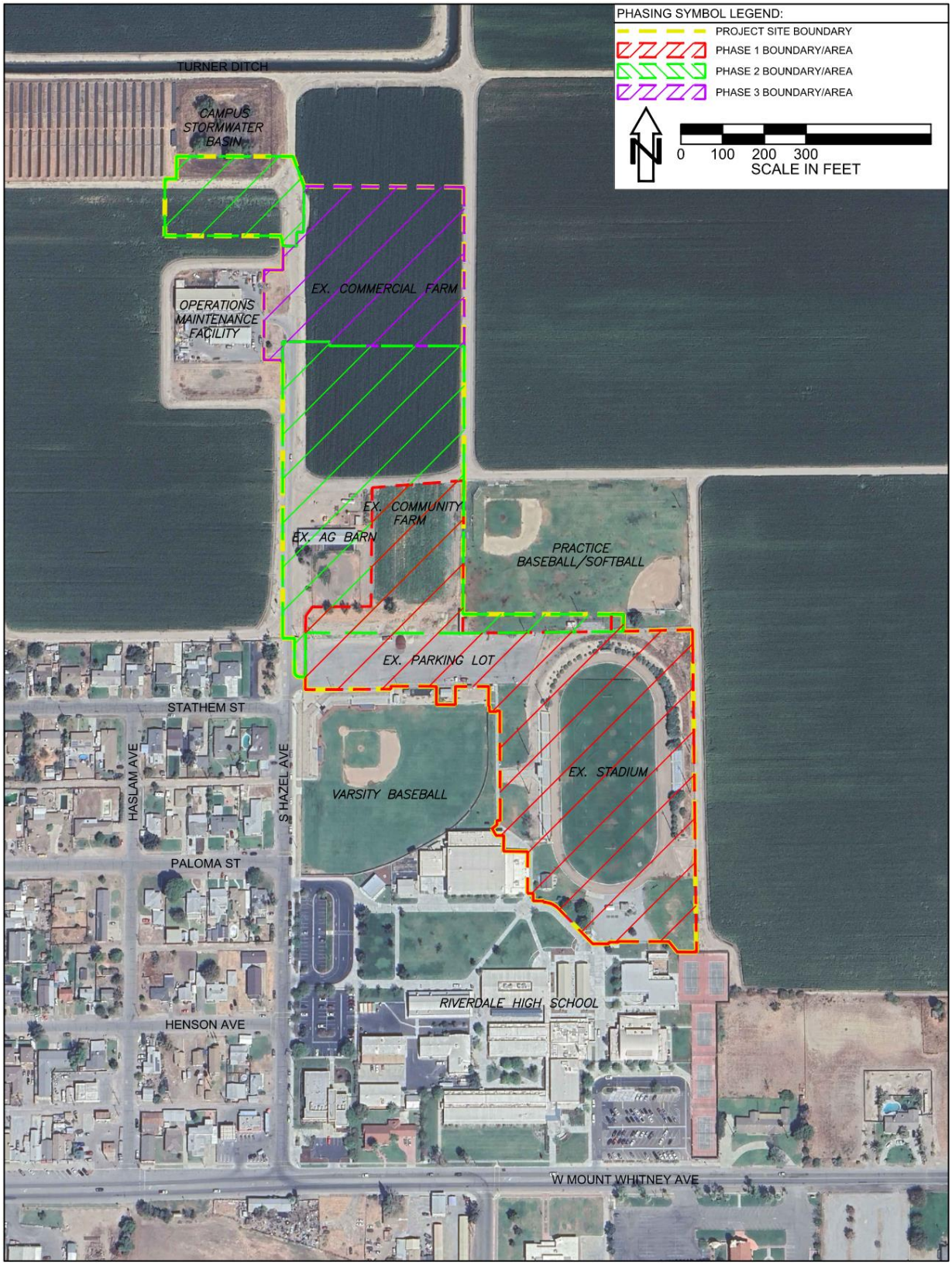
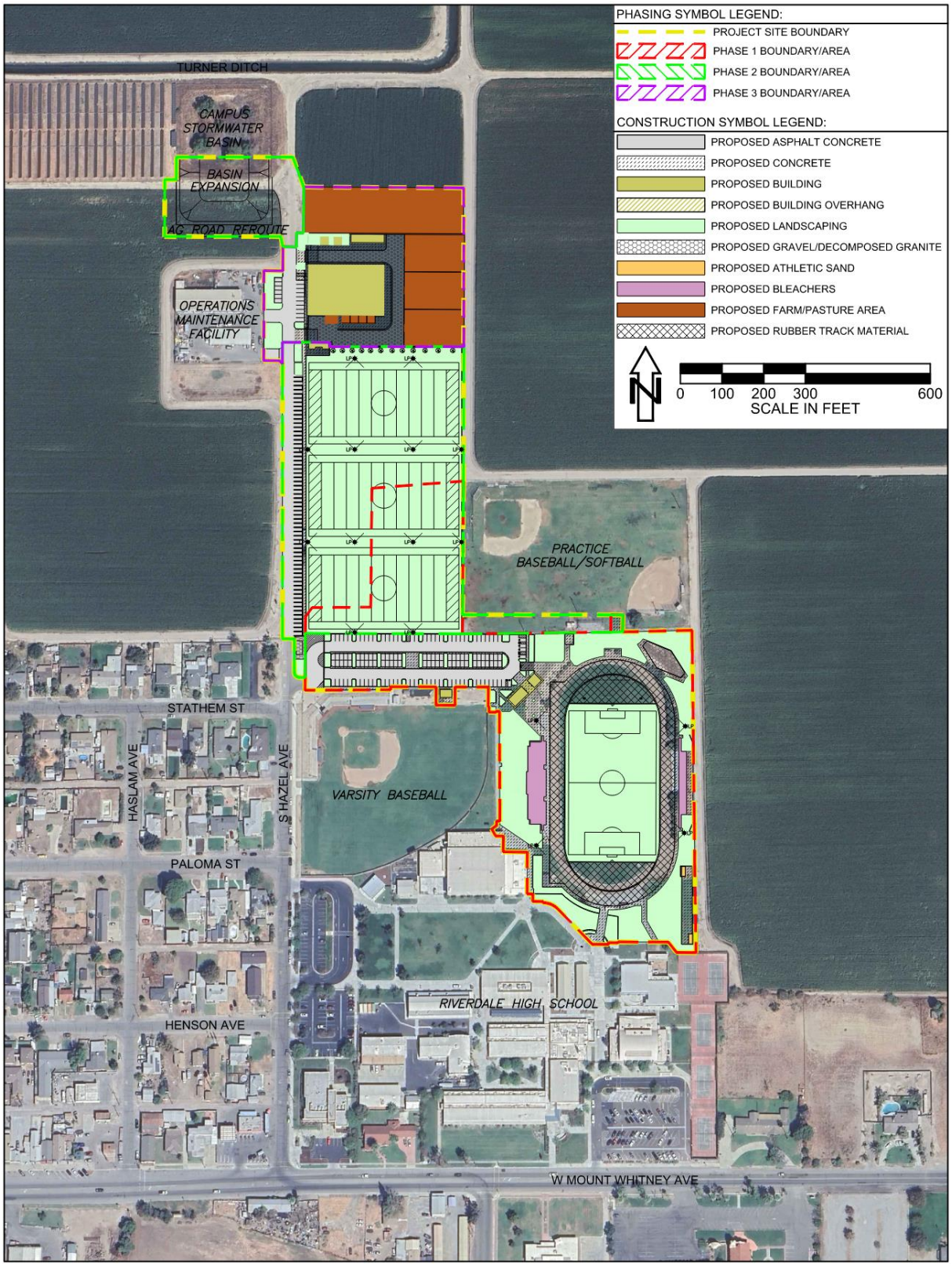


Figure 3: Project Site Plan



Existing Setting

Physical Setting

The project site is situated in the Census-designated community of Riverdale, which is primarily serviced by Pacific Gas & Electric (PG&E). The region experiences a semi-arid climate, with an average annual precipitation of roughly 8.4 inches. Temperature fluctuations range from an average low of approximately 35 degrees Fahrenheit (°F) in January to an average high of 98°F in July (Western Regional Climate Center n.d.).

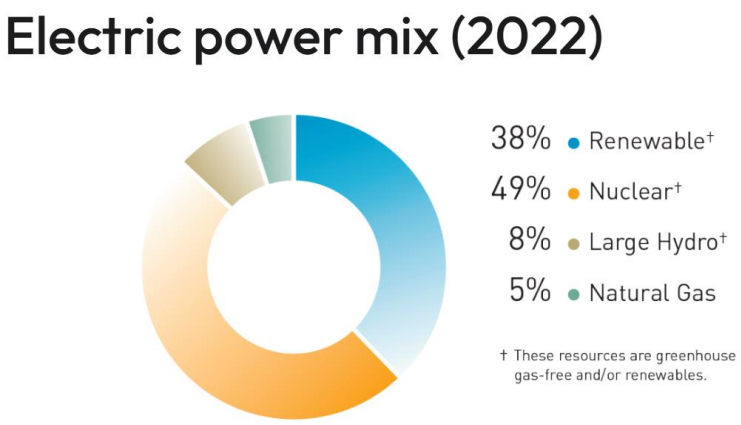
Energy Resources

Energy sources for the community are served primarily by PG&E. Energy resources are provided by natural gas, nuclear, fossil fuels, hydropower, solar, and wind. The primary use of energy is for electricity to operate buildings. Energy use is discussed in greater detail, as follows:

Electricity

Riverdale receives electric services from the regulated utility provider, PG&E. Figure 4 presents the composition of PG&E's energy portfolio. As depicted, PG&E's total electricity supply in 2021 was entirely sourced by 95% greenhouse gas (GHG)-free energy, including nuclear power, large hydroelectric facilities, renewable energy sources, and natural gas (Pacific Gas & Electric n.d.).

Figure 4. PG&E Electric Power Mix (2022)



Natural Gas

PG&E's natural gas system encompasses approximately 70,000 square miles in Northern and Central California. Approximately 90 percent of the natural gas supply for PG&E is from out-of-state imports. In 2023, natural gas throughput provided by PG&E totaled 895,420 million cubic feet (MMcf). Natural gas throughput has decreased over the past few years (Pacific Gas & Electric 2024).

Regulatory Framework

Federal

Regulations for Greenhouse Gas Emissions From Passenger Cars and Trucks and Corporate Average Fuel Economy Standards

In October 2012, the U.S. Environmental Protection Agency (EPA) and the National Highway Traffic Safety Administration (NHTSA), representing the Department of Transportation, finalized regulations aimed at further reducing greenhouse gas (GHG) emissions and enhancing Corporate Average Fuel Economy (CAFE) standards for light-duty vehicles from model year 2017 onward. NHTSA has enforced CAFE standards under the Energy Policy and Conservation Act since 1978. This federal initiative mandates that automobile manufacturers produce a unified national light-duty fleet that complies with both federal regulations and the emissions standards established by California and other states. Under this program, fuel efficiency was set to increase to an equivalent of 54.5 miles per gallon (mpg), capping fleet-wide vehicle emissions at 163 grams of carbon dioxide (CO_2) per mile by model year 2025 (Environmental Protection Agency 2024).

In January 2017, EPA Administrator Gina McCarthy issued a Final Determination upholding the existing GHG emissions standards for model years 2022–2025. However, on March 15, 2017, EPA Administrator Scott Pruitt and Department of Transportation Secretary Elaine Chao announced EPA's intent to reconsider this determination. Subsequently, on April 2, 2018, Administrator Pruitt officially rescinded the January 2017 Final Determination, citing new data indicating that the existing standards may be overly stringent due to shifts in key assumptions, including fuel price projections and consumer adoption rates of advanced technology vehicles. The April 2nd decision did not constitute EPA's final agency action; rather, the agency announced plans to initiate rulemaking to establish revised standards. Until new regulations are formally adopted, the existing standards remain in effect (Environmental Protection Agency n.d.).

In March 2022, The U.S. Department of Transportation's NHTSA and the EPA finalized the SAFE Vehicles Rule, which adjusted the CAFE and CO_2 emissions standards for passenger cars and light trucks for model years 2021–2026. This rule increased stringency by 1.5% annually, compared to the 5% annual increases mandated by the 2012 standards (NHTSA 2020).

In July 2024 NHTSA established new CAFE standards for passenger cars and light trucks, increasing requirements by 2% per year for passenger cars in model years 2027–2031, maintaining current levels for light trucks in model years 2027–2028, and then increasing by 2% per year for light trucks in model years 2029–2031. Additionally, fuel efficiency standards for heavy-duty pickup trucks and vans were set to increase by 10% annually for model years 2030–2032 and by 8% annually for model years 2033–2035 (U.S. Department of Transportation 2024).

In January 2025, U.S. Transportation Secretary Sean Duffy signed an order to reverse vehicle fuel economy standards set during President Joe Biden's administration. The previous standards aimed to increase fuel efficiency to approximately 50.4 miles per gallon by 2031. The new directive instructed

NHTSA to reassess these standards for model years 2022 through 2031 and to consider new regulations for heavy-duty vehicles through 2035 (Reuters 2025).

Energy Policy Act of 2005

The Energy Policy Act of 2005, enacted on August 8, 2005, introduced a range of provisions to promote renewable energy and energy efficiency. The legislation extended and expanded tax credits for electricity production from qualified sources, including landfill gas. It also provided financial support through bond financing, tax incentives, grants, and loan guarantees to encourage clean renewable energy development and rural electrification. Additionally, the act established a federal mandate requiring a portion of energy purchases to come from renewable sources (Environmental Protection Agency 2024).

State

Warren Alquist Act

The Warren-Alquist Act of 1975 created the California Energy Resources Conservation and Development Commission, now referred to as the California Energy Commission (CEC). This legislation sets forth a state policy aimed at minimizing inefficient, excessive, and uneconomical energy consumption through various strategies. Additionally, the California Public Utilities Commission (CPUC) oversees the regulation of privately-owned utilities across multiple sectors, including energy, rail, telecommunications, and water services (California Energy Comission 2025).

Assembly Bill 32: 2008 Climate Change Scoping Plan and Update

In 2006, AB 32, also known as the California Global Warming Solutions Act, was passed by the California State Legislature. Its aim is to reduce the amount of GHGs emitted in California to levels that were observed in 1990 by 2020. The definition of "greenhouse gases" under AB 32 includes carbon dioxide, methane, NOx, hydrofluorocarbons, perfluorocarbons, and sulfur hexafluoride, with the addition of NF_3 being included since AB 32 was enacted. The responsibility of monitoring and regulating sources of GHGs falls under the jurisdiction of the California Air Resources Board (CARB). AB 32 lays out the following provisions:

> “Global warming poses a serious threat to the economic well-being, public health, natural resources, and the environment of California. The potential adverse impacts of global warming include the exacerbation of air quality problems, a reduction in the quality and supply of water to the state from the Sierra snowpack, a rise in sea levels resulting in the displacement of thousands of coastal businesses and residences, damage to marine ecosystems and the natural environment, and an increase in the incidences of infectious diseases, asthma, and other human health- related problems.”

AB 32 resulted in CARB issuing the Scoping Plan in 2008 which includes a wide range of strategies, regulations, and initiatives across various sectors, such as transportation, energy, and agriculture, that aim to reduce GHG emissions. Some of the key strategies identified in the Scoping Plan include implementing a cap-and-trade program, promoting renewable energy, and increasing the fuel efficiency of vehicles. The Scoping Plan also outlines methods for monitoring, reporting, and verifying GHG emissions

and reductions. The goal of the Scoping Plan is to provide a framework for California to address climate change by reducing GHG emissions while promoting sustainable economic growth (California Air Resources Board 2023). The 2008 Scoping Plan has been updated by CARB after the passing of SB 32.

SB 32 and 2017 Scoping Plan

SB 32, signed into law in 2016, extends the targets set by AB 32 by requiring the state to reduce greenhouse gas emissions to 40% below 1990 levels by the year 2030. SB 32 also directs CARB to develop strategies and policies to achieve this goal, including an update to the state's Climate Change Scoping Plan (California State Legislature, 2015-2016 Session 2016). The 2017 updated Scoping Plan builds on the previous Scoping Plan developed under AB 32 and includes new and expanded measures across various sectors, such as transportation, energy, and industry. Some of the key strategies identified in the updated plan include transitioning to renewable energy, increasing energy efficiency, promoting zero-emission vehicles, and reducing short-lived climate pollutants. The updated Scoping Plan also emphasizes the importance of addressing environmental justice and ensuring that all Californians benefit from the state's efforts to combat climate change (California Air Resources Board 2017).

AB 1279 and 2022 Scoping Plan

The California Climate Crisis Act passed in September 2022 proposes a policy for the State to achieve net zero GHG as soon as possible, but no later than 2045, and to maintain net negative greenhouse gas emissions thereafter. The bill also aims to reduce statewide anthropogenic GHG emissions to at least 85% below the 1990 levels by 2045. To achieve these policy goals, the state board will collaborate with relevant state agencies to update the scoping plan, which should recommend measures to achieve the policy goals and implement policies and strategies that enable carbon dioxide removal solutions and carbon capture, utilization, and storage technologies in California (California State Legislater 2021-2022 Session 2022).

The resulting 2022 Scoping Plan outlines a strategy on how to achieve carbon neutrality through targets for carbon neutrality and reduce human-caused GHG emissions by 85% below 1990 levels before 2045. The plan proposes various actions to achieve these goals, such as deploying clean technologies and fuels to significantly reduce fossil fuel combustion, reducing short-lived climate pollutants even further, promoting sustainable development, implementing measures to decrease emissions and store carbon in natural and working lands, and capturing and storing carbon. The outcomes of these actions will lead to significant reductions in GHG emissions, as well as progress towards achieving carbon neutrality (California Air Resources Board 2022).

Assembly Bill 1007: State Alternative Fuels Plan

Assembly Bill 1007 (Chapter 371, Statutes of 2005) mandated that the CEC, in collaboration with the CARB and other relevant agencies, develop a comprehensive plan to enhance the utilization of alternative fuels within the state. This initiative led to the creation of the State Alternative Fuels Plan, which outlines strategies and actions aimed at increasing the use of non-petroleum-based fuels in California. The plan evaluates various alternative fuels and proposes fuel portfolios designed to achieve the state's objectives of reducing petroleum dependence, increasing alternative fuel usage, lowering

greenhouse gas emissions, and boosting in-state biofuel production, all while minimizing costs and maximizing economic benefits (U.S. Department of Energy 2007).

Executive Order S-01-07 – Low Carbon Fuel Standard

On January 18, 2007, Executive Order S-01-07 was signed by the Governor to establish a statewide goal to reduce the carbon intensity of California's transportation fuels by at least 10 percent by 2020. This order created the Low Carbon Fuel Standard and directed various agencies to develop and propose protocols for measuring the life-cycle carbon intensity of transportation fuels. The CARB adopted the Low Carbon Fuel Standard on April 23, 2009, but it was challenged in court in 2011, resulting in a preliminary injunction against its implementation. The Ninth Circuit Court of Appeals lifted the injunction in 2012, and in 2013, the court held that the standard was not in conflict with federal law. However, in 2013, the Fifth District Court of Appeal ruled that CARB had failed to comply with CEQA and the APA when adopting the regulations for the Low Carbon Fuel Standard. The court allowed the regulations to remain operative while CARB worked to comply with the procedural requirements (Schwarzenegger 2007).

Senate Bill 375

Senate Bill (SB) 375 was passed by the Senate on August 30, 2008, and signed into law by the Governor on September 30, 2008. According to the bill, the transportation sector is the largest contributor of GHG emissions in California, accounting for more than 40% of the total GHG emissions. SB 375 acknowledges that achieving the goals of AB 32 will not be possible without improving land use and transportation policies. To address this issue, SB 375 mandates the following actions: (1) requiring metropolitan planning organizations to incorporate sustainable community strategies in their regional transportation plans to reduce GHG emissions, (2) aligning planning for transportation and housing, and (3) providing incentives for implementing these strategies (California State Legislature 2007-2008 Session 2008).

California Senate Bill 375 includes provisions regarding the CEQA. Public Resources Code Section 21159.28 of SB 375 specifies that certain projects do not need to provide CEQA findings or determinations related to two types of impacts: (1) growth-inducing impacts and (2) project-specific or cumulative impacts from cars and light-duty truck trips on global warming or the regional transportation network. However, this exemption only applies to projects that meet specific criteria. These criteria include being located in an area with an approved sustainable communities strategy (SCS) or alternative planning strategy that the CARB accepts as achieving the greenhouse gas emission reduction targets, being consistent with that strategy in terms of designation, density, building intensity, and applicable policies, and incorporating mitigation measures required by a prior environmental document (State of California's Office of Planning and Research 2011).

Senate Bill 350: Clean Energy and Pollution Prevention Reduction Act of 2015

Senate Bill 350 also known as the Clean Energy and Pollution Reduction Act of 2015, sets ambitious targets for California's clean energy transition. The law aims to increase energy efficiency, reduce petroleum use in transportation, and increase the use of renewable energy. Specifically, the law requires California to: 1) Increase the amount of energy obtained from renewable sources, such as wind and solar, to 50% by 2030, 2) double the energy efficiency of buildings in the state by 2030, 3) reduce the use of petroleum in cars and trucks by 50% by 2030. California SB 350 is a crucial part of California's efforts to

combat climate change, reduce greenhouse gas emissions, and transition to a cleaner, more sustainable energy system (California Energy Comission n.d.).

Executive Order B-30-15

In April 2015, Governor Jerry Brown signed Executive Order B-30-15s which outlines several key provisions. First, it establishes a new greenhouse gas emission reduction target of 40 percent below 1990 levels by 2030 to ensure that California achieves its overall goal of reducing greenhouse gas emissions to 80 percent below 1990 levels by 2050. Second, all state agencies that have control over sources of greenhouse gas emissions are required to take measures, within their statutory authority, to achieve these reductions. Third, the California Air Resources Board is tasked with updating the Climate Change Scoping Plan to express the 2030 target in terms of million metric tons of carbon dioxide equivalent. Although the order doesn't have a direct impact on cities and counties, it will lead to the preparation of the new 2017 CARB Scoping Plan and regulations for meeting post-2020 reduction targets (Brown, Executive Order B-30-15s 2015).

Executive Order B-48-18

A directive signed by Governor Jerry Brown in September 2018 sets a target of carbon neutrality for California by 2045. The order establishes goals for the state to achieve carbon neutrality through a variety of actions, including increasing renewable energy, promoting zero-emission vehicles, and investing in research and development of new clean technologies. The order also sets a goal for the state to achieve net-negative emissions beyond 2045, meaning that California would remove more greenhouse gases from the atmosphere than it emits. This executive order is part of California's broader effort to address climate change and reduce greenhouse gas emissions (Brown, Executive Order B-48-18 2018).

California Regulations and Building Codes

California has a long history of adopting regulations to improve energy efficiency in new and remodeled buildings. These regulations have kept California’s energy consumption relatively flat even with rapid population growth.

SB 97 and the CEQA Guidelines Update

In August 2007, SB 97 was passed and added Section 21083.05 and Section 21097 to the Public Resources Code. According to Section 21083.05, the Office of Planning and Research was required to prepare guidelines for the mitigation of GHG emissions or their effects associated with transportation or energy consumption, and to transmit them to the Resources Agency by July 1, 2009. The Resources Agency was then required to certify and adopt these guidelines by January 1, 2010 (Western City 2008).

The Office of Planning and Research recommended amendments to the CEQA Guidelines for addressing GHG emissions on April 13, 2009, and submitted them to the Secretary for Natural Resources. On July 3, 2009, the Natural Resources Agency began the process of certifying and adopting these amendments under Public Resources Code section 21083.05, following a public comment period of 55 days and two public hearings. Afterward, the agency proposed changes to the text of the guideline's amendments (California Natural Resources Agency 2009).

On December 31, 2009, the Natural Resources Agency sent the complete rulemaking file, along with the adopted amendments, to the Office of Administrative Law. The Amendments were approved by the Office of Administrative Law on February 16, 2010, and were filed with the Secretary of State to be included in the California Code of Regulations. As a result, the Amendments became effective on March 18, 2010.

The CEQA Amendments provide direction to public agencies on how to analyze and reduce the effects of GHG emissions in CEQA documents. These Amendments are integrated into the existing CEQA framework by modifying existing guidelines to incorporate the concept of climate change.

One of the changes made was the addition of a new section, CEQA Guidelines Section 15064.4, which helps agencies determine the importance of GHG emissions. This section gives agencies the flexibility to decide whether a quantitative or qualitative analysis is more appropriate for a specific project. However, there is limited guidance on the next crucial step in the evaluation process: determining whether the estimated GHG emissions of the project are significant or cumulatively significant.

The Amendments also affected CEQA Guidelines Sections 15126.4 and 15130, which deal with mitigation measures and cumulative impacts, respectively. While GHG mitigation measures are mentioned in general terms, specific measures are not recommended. The revision to Section 15130, which pertains to cumulative impacts, instructs agencies to analyze GHG emissions in an Environmental Impact Report (EIR) when a project's added emissions could be cumulatively considerable. However, it does not specify when emissions are considered cumulatively considerable.

Section 15183.5 permits programmatic GHG analysis and subsequent project-specific tiering, as well as the development of Greenhouse Gas Reduction Plans. Adhering to such plans can assist in determining that a project's cumulative impact is not cumulatively considerable, according to proposed Section 15183.5(b). Furthermore, the Amendments revised Appendix F of the CEQA Guidelines, which focuses on Energy Conservation. The sample environmental checklist in Appendix G was also amended to include GHG-related questions (California Natural Resources Agency 2009).

Advanced Clean Cars Program

In January 2012, the CARB approved the Advanced Clean Cars program, which integrates regulations for GHG emissions, criteria air pollutants, and the expansion of zero-emission vehicles (ZEVs) into a unified set of standards for vehicle model years 2017–2025. The program strengthens GHG emission standards for vehicles starting with the 2017 model year by utilizing existing technologies, incorporating lighter and more durable materials, and improving drivetrain and engine efficiency.

Under the program’s ZEV regulation, battery electric, fuel cell, and plug-in hybrid electric vehicles must comprise up to 15% of new vehicle sales in California by 2025. Additionally, the program includes a clean fuels outlet regulation aimed at facilitating the commercialization of hydrogen fuel cell vehicles. This regulation mandates the expansion of hydrogen fueling stations throughout the state, with the number of stations increasing in response to fuel cell vehicle sales. By 2025, once fully implemented, the program is

expected to reduce global warming emissions from new cars and light trucks by 34% and smog-forming emissions by 75% compared to 2016 levels (California Air Resources Board 2019).

In 2022, the CARB adopted the Advanced Clean Cars II regulations, establishing stringent emission standards for light-duty vehicles for model years 2026 through 2035. These regulations mandate that by 2035, all new passenger cars, trucks, and SUVs sold in California must be zero-emission vehicles (California Air Resources Board n.d.).

Title 24 California Code of Regulations

California Code of Regulations Title 24 Part 6: California's Energy Efficiency Standards for Residential and Nonresidential Buildings, was first adopted in 1978 in response to a legislative mandate to reduce California's energy consumption. The Title 24 standards cover a wide range of topics related to building energy efficiency, including building envelope design, lighting, mechanical systems, and more. The standards are periodically updated to reflect advances in technology and changes in state policy, with the most recent updates taking effect on January 1, 2020. The ultimate goal of the Title 24 standards is to reduce energy consumption in buildings (and as a result reduce GHG emissions) and promote sustainable design and construction practices (California Energy Comission n.d.).

Title 20 California Code of Regulations

California Code of Regulations, Title 20: Division 2, Chapter 4, Article 4, Sections 1601-1608: Appliance Efficiency Regulations created a set of energy efficiency standards that apply to a variety of appliances and products sold or offered for sale in the state. The standards are designed to reduce energy consumption, save consumers money on their energy bills, and reduce GHG emissions. Title 20 covers products such as lighting fixtures, televisions, computers, battery chargers, and many other appliances and electronics. Manufacturers must ensure that their products meet the energy efficiency requirements before they can be sold in California. The standards are regularly updated to reflect advances in technology and to increase energy savings. (California Energy Comission n.d.)

California Green Building Standards Code

California's Green Building Standards code, also known as CALGreen, is a set of mandatory standards that promote the design and construction of energy-efficient, water-efficient, and environmentally sustainable buildings. The standards apply to all newly constructed buildings, as well as to alterations and additions to existing buildings. CALGreen covers various areas such as energy efficiency, water conservation, indoor air quality, materials conservation, and construction waste reduction. It also includes requirements for the installation of renewable energy systems and the use of low-emitting materials. CALGreen is updated periodically to reflect advances in green building practices and technologies. The latest version is the 2022 CALGreen code, effective January 1, 2023 (Department of General Services n.d.).

2018 CEQA Guideline Updates.

The California National Resources Agency finalized its amendments and additions to the State CEQA guidelines, which were approved by the Office of Administrative Law in 2018. One significant change was the addition of CEQA Guidelines Section 15064.4.1, which established new thresholds of significance for

evaluating GHG emissions impacts. This section provides new screening criteria for determining whether a project's GHG emissions are considered significant, based on its location, type, and size

The purpose of this section is to provide screening criteria that agencies can use to determine whether a project's GHG emissions are considered significant under CEQA. The section sets forth a two-part process for evaluating the significance of GHG emissions. The first step involves a qualitative analysis to determine if the project has the potential to cause a substantial increase in GHG emissions or if it could contribute to a cumulative impact on the environment. The second step is a quantitative analysis to evaluate the level of GHG emissions associated with the project.

The section outlines specific thresholds of significance for evaluating GHG emissions impacts. The significance thresholds are based on a project's location, type, and size. The thresholds are intended to provide a consistent and transparent approach for determining whether a project's GHG emissions are significant. CEQA Guidelines Section 15064.4.1 provides guidance for agencies to use in evaluating the significance of GHG emissions from a project, and it helps to ensure that these evaluations are consistent and transparent.

Additionally, CEQA Guidelines Section 15125 and Appendix F were updated to reflect current scientific understanding and state policy goals related to climate change. The amendments require lead agencies to evaluate the potential impact of climate change on a proposed project and disclose any significant impacts in the EIR.

Finally, CEQA Guidelines Section 15126.4 was revised to include additional guidance on the implementation of mitigation measures to reduce GHG emissions from a project, including the use of offset programs, and the development of a Greenhouse Gas Reduction Plan (GGRP) (California Natural Resources Agency 2018).

Energy Impact Analysis

Thresholds of Significance

Based on Appendix F and G of the State CEQA Guidelines, the proposed project would result in a potentially significant impact on energy use if it would:

1. Result in the wasteful, inefficient, or unnecessary consumption of energy resources during project construction or operation; or
2. Conflict with or obstruct a state or local plan for renewable energy or energy efficiency.

The CEQA Guidelines, Appendix F, require environmental analyses to include a discussion of potential energy impacts associated with a proposed project. Where necessary, CEQA requires that mitigation measures be incorporated to reduce the inefficient, wasteful or unnecessary consumption of energy. The State CEQA Guidelines, however, do not establish criteria that define inefficient, wasteful or unnecessary consumption. Compliance with the State's building standards for energy efficiency would result in decreased energy consumption for proposed buildings. However, compliance with building codes may not adequately address all potential energy impacts associated with project construction and operation. As a result, this analysis includes an evaluation of electricity and natural gas usage requirements associated with future development, as well as energy requirements associated with the use of on-road and off-road vehicles. The degree to which the proposed project would comply with existing energy standards, as well as applicable regulatory requirements and policies related to energy conservation were also taken into consideration for the evaluation of project-related energy impacts.

Methodology

Construction

Regarding energy use (e.g., fuel use) during construction, it is assumed that only diesel fuel would be used in construction equipment. On-road vehicles for hauling materials and worker commute trips assumed a mix of diesel and gasoline fuel use. Construction schedules, equipment numbers, horsepower ratings, and load factors were used to calculate construction-related fuel use, based on default assumptions contained in the California Emissions Estimator Model (CalEEMod). Diesel fuel use was estimated based on a factor of 0.05 gallons of diesel fuel per horsepower-hour derived from the South Coast Air Quality Management District's (SCAQMD) CEQA Air Quality Handbook (South Coast Air Quality Management District 1993).

Operation

The long-term operation of the proposed land uses would require electricity usage for lighting, space and water heating, appliances, water conveyance, and landscaping maintenance equipment. Indirect energy use would include wastewater treatment and solid waste removal. Project operation would not increase the consumption of diesel or gasoline fuel from existing conditions and so those emissions have not been included.

Energy use was estimated using CalEEMod, version 2022.1.1.29. Energy use includes electricity and electricity use associated with the conveyance, and treatment of water. Estimated energy use was based on year 2028 operational conditions. With continued improvements in energy efficiencies, energy use in future years would be less.

Project Impacts and Mitigation Measures

Impact E-1:	***Would the Project result in wasteful, inefficient, or unnecessary consumption of energy resources during project construction or operation?***

Implementation of the proposed project would increase electricity, diesel, gasoline, and natural gas consumption associated with construction activities, as well as long-term operational activities. Energy consumption associated with short-term construction and long-term operational activities are discussed in greater detail, as follows:

Construction-Related Energy Consumption

Energy consumption would occur during construction of the proposed project, including fuel use associated with the on-site operation of off-road equipment and vehicles traveling to and from the construction site. Table 1 summarizes the levels of energy consumption associated with project construction. As depicted, operation of off-road construction equipment would use an estimated total of 46,919 gallons of diesel fuel. On-road vehicles would use approximately 8,907 gallons of gasoline and 371 gallons of diesel fuel. In total, fuel use would equate to approximately 7,631 million British thermal units (MMBTU) over the life of the construction project. Construction equipment use and associated energy consumption would be typical of that commonly associated with the construction of new land uses. As a result, project construction would not be anticipated to require the use of construction equipment that would be more energy efficient than those commonly used for the construction of similar facilities. Idling of on-site equipment during construction would be limited to no more than five minutes in accordance with San Joaquin Valley Air Pollution Control District (SJVAPCD) requirements. Furthermore, on-site construction equipment may include alternatively-fueled vehicles (e.g., natural gas) where feasible. Energy use associated with construction of the proposed facilities would be temporary and would not be anticipated to result in the need for additional capacity, nor would construction be anticipated to result in increased peak-period demands for electricity. As a result, the construction of proposed facilities and improvements would not result in an inefficient, wasteful, or unnecessary consumption of energy. As a result, the project would result in a ***less than significant impact***.

Table 1. Construction Energy Consumption

Source	Total Fuel Use (gallons)	Total MMBTU
Off-Road Equipment Use (Diesel)	46,919	6,508
On-Road Vehicles (Gasoline)	8,907	1,123
On-Road Vehicles (Diesel)	371	
	Total:	7,631

Fuel use was calculated based, in part, on default construction schedules, equipment use, and vehicle trips identified for

the construction of similar land uses contained in the CalEEMod output files prepared for the air quality analysis conducted for this project. Refer to Appendix A for modeling assumptions and results.

Operational Mobile-Source Energy Consumption

Table 2. Operational Fuel Use Consumption

Source	Annual Fuel Use	Annual MMBTU
Mobile Fuel (Diesel)	411	56.47
Mobile Fuel (Gasoline)	818	98.43
	Total:	154.90

Fuel use was calculated based, in part, on default construction schedules, equipment use, and vehicle trips identified for the construction of similar land uses contained in the CalEEMod output files prepared for the air quality analysis conducted for this project. Refer to Appendix A for modeling assumptions and results.

Operational Building-Use Energy Consumption

Table 3. Operational Electricity & Natural Gas Consumption

Source	Energy Use	MMBTU/Year
Electricity Consumption	247168 kWh/yr	843
Water Use, Treatment & Conveyance	2,457 kWh/yr	8.38
Natural Gas Use	954,662 kBTU/yr	955
	Total:	1,806.38

Fuel and Energy use was calculated based, in part, on default construction schedules, equipment use, and vehicle trips identified for the construction of similar land uses contained in the CalEEMod output files prepared for the air quality analysis conducted for this project. Refer to Appendix A for modeling assumptions and results.

Impact E-2: ***Would the Project conflict with or obstruct a state or local plan for renewable energy or energy efficiency?***

As discussed earlier in this report, the proposed land uses would not be anticipated to result in wasteful or unnecessary vehicle trips. As a result, the proposed project would not result in increased fuel usage that would be anticipated to conflict with applicable plans, policies, or regulations adopted for the purpose of reducing future fuel consumption rates.

The State of California's Energy Efficiency Strategic Plan establishes a goal for the development of buildings with net zero energy consumption. This plan includes goals pertaining to the construction of new residential, commercial, and governmental buildings. Adherence to current and future CALGreen and Title 24 energy requirements would require the installation or pre-existing presence of Photo Voltaic (PV) systems and an energy storage system to help to reduce the project's building-use energy consumption, and Electric Vehicle (EV) capable stalls to reduce operational emissions from vehicle trips and promote EV adoption. Additionally, Mitigation Measure GHG-1 states that "Building mechanical equipment and appliances shall be electrically powered. The installation of natural-gas service/infrastructure shall be

prohibited". The project's design and implementation of Mitigation Measures ensure operational energy consumption would be substantially reduced, beyond those required by Title 24 building energy-efficiency requirements in alignment with the state's building GHG emission goals. With mitigation, the project would result in a **less than significant impact**.

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Appendix A: Energy Modeling

Total Project Off-Road Construction Equipment Fuel Use

	Diesel Fuel Use (Gallons)	Number of Construction Years	Average Diesel Fuel Use/Year:	Total BTUs:	Total MMBTU:
Phase 1	22439	0.80	28049	3112287913	3112
Phase 2	10788	0.21	52501	1496284504	1496
Phase 3	13692	0.75	18373	1899027139	1899
Totals:	**46919**	**1.75**	**56505**	**6507599556**	**6508**

Phase 1 Construction Equipment Fuel Use

Off-Road Equipment Fuel Use

Primary Construction Activity	Activity Duration (Days)	Equipment Type	Size (hp)	Number of Pieces	Hours of Daily Use/Piece of Equipment	Total Days of Use	Load Factor	Fuel Usage Rate (g/bhph)	Total Diesel Fuel (Gallons)
Demolition	20	Concrete/Industrial Saws	33	1	8	20	0.73	0.05	192.7
		Rubber Tired Dozers	367	2	8	20	0.4	0.05	2348.8
		Excavators	36	3	8	20	0.38	0.05	328.3
Site Preperation	3	Tractors/Loaders/Backhoes	84	4	8	3	0.37	0.05	149.2
		Rubber Tired Dozers	367	3	8	3	0.4	0.05	528.5
Grading	16	Graders	148	1	8	16	0.41	0.05	388.4
		Rubber Tired Dozers	367	1	8	16	0.4	0.05	939.5
		Tractors/Loaders/Backhoes	84	3	8	16	0.37	0.05	596.7
		Excavators	36	1	8	16	0.38	0.05	87.6
Building Construction	228	Cranes	367	1	1	228	0.29	0.05	1213.3
		Forklifts	82	3	8	228	0.2	0.05	4487.0
		Generator Sets	14	1	8	228	0.74	0.05	944.8
		Tractors/Loaders/Backhoes	84	3	7	228	0.37	0.05	7440.6
		Welders	46	1	8	228	0.45	0.05	1887.8
Paving & Track	15	Pavers	81	1	8	15	0.42	0.05	204.1
		Paving Equipment	89	2	6	15	0.36	0.05	288.4
		Rollers	36	2	6	15	0.38	0.05	123.1
		Cement and Mortar Mixers	10	2	6	15	0.56	0.05	50.4
		Tractors/Loaders/Backhoes	84	1	8	15	0.37	0.05	186.5
Architectural Coating	10	Air Compressors	37	1	6	10	0.48	0.05	53.3
								Total Phase 1 Diesel Fuel Use (Gallons):	**22439**
								Number of Construction Years:	**0.80**
								Average Diesel Fuel Use/Year:	**28049**
								BTU/Gallons:	**138700**
								Total Phase 1 BTUs:	**3112287913**
								MMBTU:	**3112**

Phase 2 Construction Equipment Fuel Use

Off-Road Equipment Fuel Use

Primary Construction Activity	Activity Duration (Days)	Equipment Type	Size (hp)	Number of Pieces	Hours of Daily Use/Piece of Equipment	Total Days of Use	Load Factor	Fuel Usage Rate (g/bhph)	Total Diesel Fuel (Gallons)
Demolition	20	Concrete/Industrial Saws	33	1	8	20	0.73	0.05	192.7
		Rubber Tired Dozers	367	2	8	20	0.4	0.05	2348.8
		Excavators	36	3	8	20	0.38	0.05	328.3
Site Preperation	10	Tractors/Loaders/Backhoes	84	4	8	10	0.37	0.05	497.3
		Rubber Tired Dozers	367	3	8	10	0.4	0.05	1761.6
Grading	45	Graders	148	1	8	45	0.41	0.05	1092.2
		Rubber Tired Dozers	367	1	8	45	0.4	0.05	2642.4
		Tractors/Loaders/Backhoes	84	3	8	45	0.37	0.05	1678.3
		Excavators	36	1	8	45	0.38	0.05	246.2
								Total Phase 2 Diesel Fuel Use (Gallons):	10788
								Number of Construction Years:	0.21
								Average Diesel Fuel Use/Year:	52501
								BTU/Gallons:	138700
								Total Phase 2 BTUs:	1496284504
								Total Phase 2 MMBTU:	1496

Phase 3 Construction Equipment Fuel Use

Off-Road Equipment Fuel Use

Primary Construction Activity	Activity Duration (Days)	Equipment Type	Size (hp)	Number of Pieces	Hours of Daily Use/Piece of Equipment	Total Days of Use	Load Factor	Fuel Usage Rate (g/bhph)	Total Diesel Fuel (Gallons)
Site Preperation	3	Tractors/Loaders/Backhoes	84	1	8	3	0.37	0.05	37.3
		Rubber Tired Dozers	367	1	7	3	0.4	0.05	154.1
		Graders	148	1	8	3	0.41	0.05	72.8
Grading	16	Graders	148	1	8	16	0.41	0.05	388.4
		Rubber Tired Dozers	367	1	8	16	0.4	0.05	939.5
		Tractors/Loaders/Backhoes	84	2	7	16	0.37	0.05	348.1
Building Construction	228	Cranes	367	1	1	228	0.29	0.05	1213.3
		Forklifts	82	1	6	228	0.2	0.05	1121.8
		Generator Sets	14	1	8	228	0.74	0.05	944.8
		Tractors/Loaders/Backhoes	84	1	6	228	0.37	0.05	2125.9
		Welders	46	3	8	228	0.45	0.05	5663.5
Paving & Track	15	Pavers	81	1	6	15	0.42	0.05	153.1
		Paving Equipment	89	1	8	15	0.36	0.05	192.2
		Rollers	36	1	7	15	0.38	0.05	71.8
		Cement and Mortar Mixers	10	1	6	15	0.56	0.05	25.2
		Tractors/Loaders/Backhoes	84	1	8	15	0.37	0.05	186.5
Architectural Coating	10	Air Compressors	37	1	6	10	0.48	0.05	53.3
								Total Phase 3 Diesel Fuel Use (Gallons):	13692
								Number of Construction Years:	0.75
								Average Diesel Fuel Use/Year:	18373
								BTU/Gallons:	138700
								Total Phase 3 BTUs:	1899027139
								Total Phase 3 MMBTU:	1899

Phase 1 Construction Fuel Use - On-Road Vehicles

Activity	Demolition	Site Prep	Grading	Bldg Const	Paving	Arch Coating	Total	LDA	LDT1	LDT2	MDV	HDT
Days	20	3	16	228	15	10						
Worker Trips/Day	15	17	15	58.56	20	20						
Miles/Trip	11.4	11.4	11.4	11.4	11.4	11.4						
Total VMT	3420	581.4	2736	152209.2	3420	2280	164646.55	54882.2	54882.2	54882.2	0	0
Vendor Trips/Day	0	0	0	22.9	0	0						
Miles/Trip	-	-	-	8.5	-	-						
Total VMT	0	0	0	44380.2	0	0	44380.2	0	0	0	44380.2	0
Haul Trips/Day	0.75	0	82.5	0	0	0						
Miles/Trip	20	-	0.1	-	-	-						
Total VMT	300	0	132	0	0	0	432	0	0	0	0	432

	VMT	Gallons/Mile[1]	Gallons	% Diesel[2]	% Gasloline[2]	Gallons Diesel	Gallons Gasoline	BTU/Gallon Diesel[3]	BTU/Gallon Gasoline[3]	Totol BTU	Total MMBTU
LDA	54882.2	0.03141995	1724	0.89%	99.11%	15.4	1709.0	137381	120333	207764421	208
LDT1	54882.2	0.03642770	1999	0.07%	99.93%	1.4	1997.9	137381	120333	240596749	241
LDT2	54882.2	0.04118580	2260	0.50%	99.50%	11.3	2249.0	137381	120333	272189972	272
MDV	44380.2	0.03609284	1602	1.85%	98.15%	29.6	1572.2	137381	120333	193254822	193
HDT	432.0	0.18609383	80	98.68%	1.32%	79.3	1.1	137381	120333	11026343	11
TOTAL	**209458.8**		**7666.2**			**137.0**	**7529.2**	**686905**	**601665**	**924832307**	**925**

[1] *Gallons per mile based on year 2024 conditions for Fresno County. Derived from Emfac2017 (v.1.0.2) Emissions Inventory.*

[2] *Fuel consumption type per vehicle class derived from EMFAC2017 (v1.0.2) for year 2024*

[3] *Energy Coefficient from from US Energy Information Administration (EIA)*

https://www.eia.gov/energyexplained/units-and-calculators/

Phase 2 Construction Fuel Use - On-Road Vehicles

Activity	Demolition	Site Prep	Grading	Total	LDA	LDT1	LDT2	MDV	HDT
Days	20	10	45						
Worker Trips/Day	15	17.5	15						
Miles/Trip	11.4	11.4	11.4						
Total VMT	3420	598.5	2736	6754.5	2251.5	2251.5	2251.5	0	0
Vendor Trips/Day	0	0	0						
Miles/Trip	-	-	-						
Total VMT	0	0	0	0	0	0	0	0	0
Haul Trips/Day	3.05	0	0						
Miles/Trip	20	-	-						
Total VMT	1220	0	0	1220	0	0	0	0	1220

	VMT	Gallons/Mile[1]	Gallons	% Diesel[2]	% Gasloline[2]	Gallons Diesel	Gallons Gasoline	BTU/Gallon Diesel[3]	BTU/Gallon Gasoline[3]	Totol BTU	Total MMBTU
LDA	2251.5	0.03141995	71	0.89%	99.11%	0.6	70.1	137381	120333	8523378	9
LDT1	2251.5	0.03642770	82	0.07%	99.93%	0.1	82.0	137381	120333	9870299	10
LDT2	2251.5	0.04118580	93	0.50%	99.50%	0.5	92.3	137381	120333	11166387	11
MDV	0.0	0.03609284	0	1.85%	98.15%	0.0	0.0	137381	120333	0	0
HDT	1220.0	0.18609383	227	98.68%	1.32%	224.0	3.0	137381	120333	31139210	31
TOTAL	**7974.5**		**472.5**			**225.2**	**247.3**	**686905**	**601665**	**60699274**	**61**

[1] Gallons per mile based on year 2024 conditions for Fresno County. Derived from Emfac2017 (v.1.0.2) Emissions Inventory.

[2] Fuel consumption type per vehicle class derived from EMFAC2017 (v1.0.2) for year 2024

[3] Energy Coefficient from from US Energy Information Administration (EIA)

https://www.eia.gov/energyexplained/units-and-calculators/

Phase 3 Construction Fuel Use - On-Road Vehicles

Activity	Site Prep	Grading	Bldg Const	Paving	Arch Coating	Total	LDA	LDT1	LDT2	MDV	HDT
Days	3	16	228	15	10						
Worker Trips/Day	7.5	10	8.038	12.5	1.6						
Miles/Trip	11.4	11.4	11.4	11.4	11.4						
Total VMT	256.5	1824	20892.4	2137.5	182.4	25292.7696	8430.9	8430.9	8430.9	0	0
Vendor Trips/Day	0	0	3.14	0	0						
Miles/Trip	-	-	8.5	-	-						
Total VMT	0	0	6085.32	0	0	6085.32	0	0	0	6085.32	0
Haul Trips/Day	0	0	0	0	0						
Miles/Trip	-	-	-	-	-						
Total VMT	0	0	0	0	0	0	0	0	0	0	0

	VMT	Gallons/Mile[1]	Gallons	% Diesel[2]	% Gasloline[2]	Gallons Diesel	Gallons Gasoline	BTU/Gallon Diesel[3]	BTU/Gallon Gasoline[3]	Totol BTU	Total MMBTU
LDA	8430.9	0.03141995	265	0.89%	99.11%	2.4	262.5	137381	120333	31916475	32
LDT1	8430.9	0.03642770	307	0.07%	99.93%	0.2	306.9	137381	120333	36960131	37
LDT2	8430.9	0.04118580	347	0.50%	99.50%	1.7	345.5	137381	120333	41813437	42
MDV	6085.3	0.03609284	220	1.85%	98.15%	4.1	215.6	137381	120333	26498696	26
HDT	0.0	0.18609383	0	98.68%	1.32%	0.0	0.0	137381	120333	0	0
TOTAL	**31378.1**		**1138.9**			**8.4**	**1130.5**	**686905**	**601665**	**137188740**	**137**

[1] *Gallons per mile based on year 2024 conditions for Fresno County. Derived from Emfac2017 (v.1.0.2) Emissions Inventory.*

[2] *Fuel consumption type per vehicle class derived from EMFAC2017 (v1.0.2) for year 2024*

[3] *Energy Coefficient from from US Energy Information Administration (EIA)*

https://www.eia.gov/energyexplained/units-and-calculators/

Total Project (Phase 1, 2 & 3) Construction Fuel Use - On-Road Vehicles

	VMT	Gallons Fuel	Gallons Diesel	Gallons Gasoline	MMBTU
Phase 1	209459	7666	137	7529	925
Phase 2	7975	473	225	247	61
Phase 3	31378	1139	8	1131	137
Total	248811	9278	371	8907	1123

Operational Fuel Use - Proposed Total Project Operational Year 2028 - Unmitigated

Land Use	Total Annual VMT
Phase 1	
High School	0
Other Non-Asphalt Surfaces	0
Parking Lot	0
Phase 2	
City Park[1]	29537
Phase 3	
High School	0
Parking Lot	0
Other Asphalt Surfaces	0
Other Non-Asphalt Surfaces	0

[1] *VMTs resulting from Phase 2 are calculated by CalEEMod default values, however, Phase 2 would result in less total VMT for residents of Riverdale by providing a public recreation facility closer than other regional parks.*

	VMT	Gallon/Mile[1]	Gallons	BTU/Gallon[2]	BTU	MMBTU
Diesel	3952	0.1040044	411	137381	56468932.4	56.47
Gasoline	25585	0.031971034	818	120333	98429357.8	98.43
Total	29537		1229		154898290.2	154.90

[1] *Gallons per mile based on 2028 conditions for Fresno County. Derived from EMFAC2017 (v1.0.2) Emissions Inventory.*

[2] *Energy coefficient derived from US Energy Information Administration*
https://www.eia.gov/energyexplained/units-and-calculators/

EMFAC2017 Fuel Rate Calculation	Fuel Consumption (1000 Gal/Day)[1]		VMT (Miles/Day)[2]	
	Diesel	Gasoline	Diesel	Gasoline
All Other Buses	1.18818884		12512.48729	
LDA	2.87806963	419.1769263	171804.5683	15470922.14
LDT1	0.00671071	48.41377522	206.1921502	1508160.63
LDT2	0.092943362	164.9020916	41137.28881	4932849.031
LHD1	16.2912162	33.88245691	316594.5802	306713.1721
LHD2	6.76225874	6.235226126	117250.2207	48697.53392
MDV	3.30378882	148.0122755	106717.9329	3516818.414
MH	0.58236629	2.50687649	6111.256069	13275.76701
Motor Coach	1.22565228		8706.371662	
PTO	3.00464981		16704.47446	
SBUS	3.92346561	0.578266947	32721.20894	5825.230127
T6 Ag	0.04695793		413.0254788	
T6CAIRP heavy	2.47520425		32943.11999	
T6CAIRP small	0.38209868		4595.941275	
T6 instate construction heavy	4.61250614		41193.78251	
T6 instate construction small	14.3282964		133067.7406	
T6 instate heavy	21.357591		238870.8706	
T6 instate small	22.6168399		247929.5211	
T6 OOS heavy	1.41652118		18855.73431	
T6 OOS small	0.22446862		2698.694366	
T6 Public	0.8315377		6414.165523	
T6 utility	0.18888771		1963.251332	
T7 ag	0.13200594		749.0095513	
T7 CAIRP	65.8233559		527851.1073	
T7 CAIRP construction	4.36542098		29589.85182	
T7 NNOOS	76.6849198		643442.7483	
T7 NOOS	26.5826403		207402.8387	
T7 other port	1.5543183		10492.40107	
T7 Public	3.33833832		20999.42037	
T7 Single	11.8233757		84127.07235	
T7 single construction	12.0287616		73406.97989	
T7 SWCV	5.58964087		15394.48314	
T7 tractor	91.8033612		781809.755	
T7 tractor construction	10.0049088		60554.2956	
T7 utility	0.11908829		765.0542267	
UBUS	0.42488013	1.486021516	3209.790254	7411.128871
MCY		3.697978204		139836.4649
OBUS		2.605547662		13503.55513
T6TS		10.25625163		54581.38783
T7IS		0.110517893		514.941279
Total	**418.0152359**	**825.1939166**	**4019207.236**	**25810673.05**
Percent of Total			13.38%	86.62%
Miles/Gallon	9.614977854	31.27831232		
Gallons/Mile	0.1040044	0.031971034		

[1] *Gallons per mile based on 2028 conditions for Fresno County. Derived from EMFAC2017 (v1.0.2) Emissions Inventory.*

[2] *VMT derviced from EMFAC2017 (v1.0.2) for year 2028 conditions*

Fuel consumption and VMT based on Fresno County

Operational Electricity & Natural Gas Use Year 2028

	kWh/yr	MWh/Yr	BTU/kWh[(1)]	BTU	MMBTU
Phase 1 Electricity	130002	130	3412	443566824	444
Phase 2 Electricity	0	0	3412	0	0
Phase 3 Electricity	117166	117	3412	399770392	400
Total Electricity	247168	247	10236	843337216	843

(1) Energy coefficient derived from US Energy Information Administration (EIA)

https://www.eia.gov/energyexplained/units-and-calculators/

	kBTU/yr			BTU	MMBTU
Phase 1 Natural Gas	90563			90563000	91
Phase 2 Natural Gas	0			0	0
Phase 3 Natural Gas	864099			864099000	864
Total Natural Gas	954662			954662000	955

Based on estimated natural gas use derived from CalEEMod

Operational Water and Wastewater Energy Use Year 2028

	Water Use[(1)] (Mgal/Yr)	Electric Intensity Factor		Annual Electric Use (kWh/Yr)	
		Indoor	Outdoor	Indoor	Outdoor
Ph 1 Annual Indoor Water	0.066609	3500		233.1315	
Ph 1 Annual Outdoor Water	8.075322		0		0
Ph 2 Annual Indoor Water	0	3500		0	
Ph 2 Annual Outdoor Water	7.946188		0		0
Ph 3 Annual Indoor Water	0.635537	3500		2224.3795	
Ph 3 Annual Outdoor Water	0.997816		0		0
Total	17.721472			2457.511	

(1) Based on estimated water use derived from CalEEMod

(2) Energy coefficient derived from US EIA

https://www.eia.gov/energyexplained/units-and-calculators/

BTU/kWh[(2)]:	3412
BTU:	8385028
MMBTU:	8.385027532

Appendix E: Phase 1 Environmental Site Assessment With Title 5 Environmental Hazardous Review & Limited Phase II Investigation

REVISED PHASE I ENVIRONMENTAL SITE ASSESSMENT WITH TITLE 5 ENVIRONMENTAL HAZARDOUS REVIEW, & LIMITED PHASE II INVESTIGATION

PROPOSED RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS FRESNO COUNTY APN 053-130-12T & 053-130-82T RIVERDALE, CALIFORNIA

BSK PROJECT E25000088

PREPARED FOR:

Riverdale Joint Unified School District
Attn.: Mr. Jeff Percell, Superintendent
3160 W. Mt. Whitney Avenue
Riverdale, California 93656

June 2, 2025 (REVISED July 31, 2025)

REVISED PHASE I ENVIRONMENTAL SITE ASSESSMENT WITH TITLE 5 ENVIRONMENTAL HAZARDOUS REVIEW & LIMITED PHASE II INVESTIGATION

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BSK Project E25000088

June 2, 2025 (Revised July 31, 2025)

Prepared by:

Kevin Grove
Project Professional / Environmental Branch Mgr.

for Kevin Grove
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Principal Geologist

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EXECUTIVE SUMMARY

BSK Associates (BSK) has performed a Phase I Environmental Site Assessment (ESA) with Title 5 Environmental Hazardous Review and Limited Phase II Investigation at the Subject Property listed as Fresno County Assessor Parcel Numbers (APNs) 053-130-12T & 053-130-82T, in Riverdale, California (Subject Property, Figure 1). The Subject Property is approximately 21.5-acres. The Subject Property includes the Riverdale High School stadium, baseball/softball fields, agricultural barn area, agricultural field, parking lot, and a portion of a detention basin. It is BSK's understanding that the Subject Property's intended use will be to renovate the sports stadium, construct three soccer fields, and build a new animal barn building within the existing school property. This project will be broken out into three (3) stages:

- Stage 1: Renovate existing high school football/soccer and track stadium and reconstruct a parking lot. Soil from the soil berms surrounding the stadium will be staged and used in Stage 2. Please note, the District intends to utilize a portion of the Stage 2 area during construction of Stage 1 for construction staging.
- Stage 2: Construct three new multi-use athletic fields, demolish the existing ag barn building, reconstruct South Hazel Avenue, add sidewalk and parking on the east side of Hazel Avenue, and expand the existing campus detention basin. This stage will utilize soil from the soil berms surrounding the stadium (Stage 1) and soil that is excavated during the expansion of the campus detention basin (Stage 2).
- Stage 3: Construct a new Agricultural Education Barn Facility, a small bathroom building.

Please note, only Stage 3 has the potential to receive state funding in the form of local control funding formula (LCFF) funding. Therefore, per the Department of Toxic Substance's letter dated January 17, 2025, this is the only stage of the project that would be subject to the requirements of Education Code §17210, §17213.1, and §17213.2. The different stages are shown on Figures 2a, 2b, 2c, and Figures 3a, 3b, 3c.

This document has been prepared in general accordance with ASTM E1527-21 and as such, examines the Subject Property history and surrounding land uses. The purpose of this Phase I ESA was to examine historic land uses on and in the vicinity of the Subject Property in an effort to identify Recognized Environmental Conditions (RECs), Controlled RECs (CRECs), and Historic RECs (HRECs).

The Phase I study includes a comprehensive review of available private and regulatory records, Subject Property inspections, and interviews with those having specific knowledge of the Subject Property history. After conducting this review, BSK identified 10 RECs in connection with the Subject Property. BSK identified 7 RECs, 0 CRECs, 0 HRECs, and 1 Vapor Encroachment Concern (VEC) in the vicinity of the Subject Property.

The Phase I also included some supplemental items not required by the ASTM Standard but required per California Code of Regulation, Section 69104, subsection (d) for the assessment of school sites. Those items are detailed in Section 3 of this report. BSK does not have any concern as it relates to those items.

BSK also sampled the near-surface soil within the Subject Property for residual agricultural chemicals in accordance with the State of California Department of Toxic Substances Control's (DTSC's) Interim Guidance for Sampling Agricultural Properties, Third Revision dated August 7, 2008. On April 1 and 2, 2025, BSK's Jill Vieira obtained 35 soil samples from a depth of approximately 0 - 6 inches in 35 boring locations. An additional eight soil samples were collected from a depth of approximately 0 - 6 inches in 8 boring locations on July 2, 2025. Organochlorine Pesticides were not found in soil samples collected at the Subject Property above laboratory reporting limits, with the exception of 4,4'-DDE in two samples (Composite 7 and its duplicate sample), however, the concentrations of 4,4'-DDE that were detected were below the DTSC Screening Level for residential use. The two samples that had the 4,4'-DDE detections (Composite 7 and its duplicate sample) were collected from outside of the project area and one portion of the 4-point composite collected within Stage 1 of the project area (see Figure 4A). Arsenic was detected above the DTSC Screening Levels for Residential land use throughout the Subject Property. However, naturally occurring arsenic is a common element in rock and sediment documented throughout California and the concentrations detected are below the 95th percentile value of 12.6 mg/kg based on background arsenic concentrations in soil from 0 to 3 ft below ground surface (bgs) (Hunter, Davis and Roach, 2005). It is also BSK's professional experience that soils in the general vicinity of the Subject Property typically contain similar concentrations of arsenic.

A detailed description of the investigation process, property description, findings, and limitations is included in the following Report.

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1 INTRODUCTION

BSK Associates (BSK) has performed a Phase I Environmental Site Assessment (ESA) with Title 5 Environmental Hazardous Review**,** and a limited Phase II Investigation at the Subject Property listed as Fresno County APNs 053-130-12T & 053-130-82T in Riverdale, California (Subject Property, Figure 1). The Subject Property is approximately 21.5-acres and includes the Riverdale High School stadium, baseball/softball fields, agricultural barn area, agricultural field, parking lot, and a portion of a detention basin. It is BSK's understanding that the Subject Property's intended use will be to renovate the sports stadium, construct three soccer fields, and build a new animal barn building within the existing school property. This project will be broken out into three (3) stages:

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Please note, only Stage 3 has the potential to receive state funding in the form of local control funding formula (LCFF) funding. Therefore, per the Department of Toxic Substance's letter dated January 17, 2025, this is the only stage of the project that would be subject to the requirements of Education Code §17210, §17213.1, and §17213.2. The different stages are shown on Figure 2a, 2b, 2c, and Figure 3a, 3b, 3c.

2 PHASE I ENVIRONMENTAL SITE ASSESSMENT

2.1 Purpose

The purpose of this Phase I ESA was to examine historic land uses on and in the vicinity of the Subject Property in an effort to identify RECs, CRECs and HRECs.

The term Recognized Environmental Condition (REC) is defined as "the presence of hazardous substances or petroleum products in , on, or at the Subject Property due to a release to the environment; the likely presence of hazardous substances or petroleum products in, on, or at the Subject Property due to a release or likely release to the environment; or the presence of hazardous substances or petroleum

products in, on, or at the Subject Property under conditions that pose a material threat of a future release to the environment." (ASTM E 1527-21, pp. 1).

A Controlled REC is defined as "a REC affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities with hazardous substances or petroleum products allowed to remain in place subject to implementation of required controls." (ASTM E 1527-21, pp. 4)

A Historic REC (HREC) is "a previous release of hazardous substances or petroleum products affecting the Subject Property that has been addressed to the satisfaction of the applicable regulatory authority or authorities and meeting unrestricted use criteria established by the applicable regulatory authority or authorities without subjecting the Subject Property to any controls." (ASTM E 1527-21, pp. 6)

2.2 Scope of Services

BSK conducted this ESA in accordance with the methods described in the American Society for Testing and Materials (ASTM) Standard E1527-21, *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process.* The scope of services provided for this ESA included:

- A general description of the property
- Review of the property's history using aerial photography, USGS topographic maps, directories, and other readily available information
- Review of the reasonably ascertainable regulatory information published by local, state, and federal agencies
- Subject Property reconnaissance
- Interviews with representatives of the current lessee of the property
- Preparation of this Report

2.3 Non-Scope Issues

Non-scope issues are those conditions and concerns that are beyond the scope of services of this ESA and include, but are not limited to: asbestos containing materials, radon, lead-based paint, lead in drinking water, wetland delineation or identification, geologic hazards, regulatory compliance, cultural concerns, industrial hygiene, ecological resources, endangered species, indoor air quality, and high voltage power lines. Sampling and analytical testing of soil, groundwater, air, for such analytes including but not limited to radon gas, radioactive materials, urea-formaldehyde, mold, pesticides and polychlorinated biphenyls (PCBs) are also considered non-scope issues. These issues are therefore not covered in this Report. However, these issues are considered "business environmental risks" as defined in ASTM Standard E1527-21 (Sections 1, 1.4, and 3.2.11). Please note however, that non-scope items not covered by the ASTM Standard are included in Section 3 and Section 4 of this report.

2.4 Significant Assumptions

No significant assumptions were made regarding this ESA.

2.5 Limitations

The findings presented in this Report were based upon field observations during a Subject Property reconnaissance conducted on February 12, 2025 and July 2, 2025, discussions with persons knowledgeable of the property, and review of historical data. Observations describe only the conditions present at the time of this investigation. The data reviewed and observations made are limited to accessible areas and available records searched during the course of this investigation. BSK cannot guarantee the completeness or accuracy of the regulatory agency records reviewed. Unless BSK otherwise expressly agrees in writing, no other party is entitled to rely upon the observations, research information, or conclusions presented in this Report or in any other material obtained by BSK from the sources identified in this Report. Additionally, in evaluating the property, BSK has relied in good faith upon information provided by the interview sources noted in the Report with respect to existing property conditions, and the historic uses of the property. It must also be understood that changing circumstances in the property usage, proposed property usage, property zoning, and changes in the environmental status of the other nearby properties can alter the validity of conclusions and information contained in this Report. Therefore, the data obtained are clear and accurate only to the degree implied by the sources and methods used.

This ESA Report provides neither certification nor guarantee that the property is free of hazardous-material and/or petroleum-product contamination or that there are no RECs associated with the property that potentially pose an environmental risk/liability or that the property is in compliance with current applicable federal, state, or local regulations.

Findings of this ESA may have a potential for negative impact on the value or suitability of the property for the purpose intended. BSK cannot assume liability for such negative impact. No warranties, expressed or implied, are made as to the findings or conclusions presented in this Report. Sampling and analytical testing of soil, groundwater, air, radon gas, biological agents, and/or construction/building materials are non-scope issues and were not part of the scope of services for this ESA. This assessment did not include non-scope issues identified in Section 1.3 of this Report.

2.6 Exceptions

BSK did not have access to the interior of the snack shack building or the football stadium scorer's booth (Figure 2). No other significant exceptions or data gaps that would raise reasonable concerns regarding our opinions and conclusions in the Report were made or noted.

2.7 Special Terms and Conditions

There were no special terms or contractual conditions for this assessment.

2.8 User Reliance

This Report may be relied upon by the Riverdale Joint Unified School District. Reliance on the information and conclusions in this Report by any other person or entity is not authorized without the expressed written consent of BSK.

2.9 Subject Property And Vicinity Description

2.9.1 Subject Property Setting and Characteristics

The following sections describe the Subject Property setting and characteristics.

Table 1
Subject Property Setting and Characteristics

Subject Property Location/Address	3086 W. Mount Whitney Ave, Riverdale, CA 93656
Assessor's Parcel Number	Fresno County APNs 053-130-12T & 053-130-82T
Latitude/Longitude	36.434528 / -119.855185
Size	Approximately 21.5-acres
Subject Property Improvements	Existing school facilities including sports stadium, scorer's booth, baseball/softball fields, animal barn building, bathroom, irrigation well building, parking lot, detention basin
Zoning	AL20 – Limited Agricultural (Fresno County, 2025)
Nearest Intersection	S. Hazel Avenue and Stathem St.
Nearest Major Highway	Highway 41 (2.95 miles east)

2.9.2 Current Uses of Adjoining Properties

The following is based on observations by Mrs. Jill Vieira of BSK Associates during the Subject Property and vicinity reconnaissance on February 12, 2025 and July 2, 2025. Table 2 summarizes the current use of properties immediately adjacent to the Subject Property.

Table 2
Observed Adjacent Property Uses

Direction	Adjoining Property Use
North	Detention pond and Thomas Ditch, beyond which is agricultural row crops.
East	Agricultural row crops, beyond which is a dairy.
West	Riverdale High School, Riverdale High School maintenance building, beyond which is agricultural row crops, a detention pond, a solar array, and a single-family residence.
South	Riverdale High School, beyond which is W. Mount Whitney Avenue.

2.9.3 Physical Setting

The following sections describe the Geologic and Hydrologic conditions of the Subject Property. The topics summarized include General Geologic Conditions, Surface Soils and Hydrogeologic Conditions.

Table 3
Physical Setting

PHYSICAL SETTING INFORMATION FOR SUBJECT PROPERTY AND SURROUNDING AREA		SOURCE
Topography (Refer to Appendix A for an excerpt of the Topographic Map)		
Subject Property Elevation	Approximately 223 feet mean sea level (msl)	Environmental Data Resources (EDR)
Surface Runoff/ Topographic Gradient	Relatively flat, with a gentle downward slope from east to west.	
Closest Surface Water	Detention pond (Subject Property) and adjacent north	
Soil Characteristics		
Soil Type	Chino loam, somewhat poorly drained.	Environmental Data Resources (EDR)

Table 3 Physical Setting		
PHYSICAL SETTING INFORMATION FOR SUBJECT PROPERTY AND SURROUNDING AREA		**SOURCE**
Geology/Hydrogeology		
Description	Geology: The Subject Property lies within the Great Valley Geomorphic Province of California. The Great Valley of California is generally considered an elongated sedimentary trough, approximately 450 miles long that averages 50 miles in width. The Subject Property lies within the San Joaquin Valley, a broad structural trough bound by the Sierra Nevada Range to the east and Coast Ranges to the west sloping toward the trough's greatest depth near the western margin of the valley. The San Joaquin Valley has been filled with several thousand feet of sedimentary deposits. Sediments in the valley, derived from the erosion of the Sierra Nevada, have deposited sands with lesser silts, minor clays, and gravel by major to minor west-flowing drainages and their tributaries. The sedimentary deposits in the region form extensive coalescing alluvial fans with gradual slopes. Sediments at the Subject Property are mapped as Pleistocene-Holocene marine and nonmarine sedimentary rocks. Hydrogeology: The Subject Property lies within the San Joaquin Basin hydrographic subregion of the Central Valley. Groundwater movement within the San Joaquin Valley generally flows from the fringes of the valley to the median of the trough on the western side of the valley and subsequently north toward the San Joaquin - Sacramento Delta area. Local groundwater flow on the western side of the San Joaquin Valley can be strongly influences by geologic structures, such as faults and anticlines. The San Joaquin Valley is an area of substantial groundwater withdrawal and recharge due to municipal, industrial, and agricultural use. Information regarding hydrogeologic conditions associated with the Subject Property and vicinity is generalized, and additional information regarding local and regional hydrogeologic conditions could be obtained by additional investigation.	California Geological Survey, 2010 Geological Map of California (http://www.quake.ca.gov/gmaps/GMC/stategeologicmap.html) and Geology of California, Robert M. Norris and Robert W. Webb, (1990) State of California Department of Water Resources (DWR), California's Groundwater Update 2020 (California's Groundwater, Update 2020 (Bulletin 118) - Dataset - California Natural Resources Agency Open Data)
Estimated Depth to First Occurrence of Ground water	According to GeoTracker data from the Hazel Avenue Elementary School property located adjacent west of the Subject Property, groundwater was estimated at 100 feet below ground surface (bgs).	State Water Resources Control Board GeoTracker database (https://www.envirostor.dtsc.ca.gov/getfile?filena

Table 3 Physical Setting		
PHYSICAL SETTING INFORMATION FOR SUBJECT PROPERTY AND SURROUNDING AREA		**SOURCE**
		me=/public%2Fdeliverable_documents%2F6616139054%2FPEA-Hazel%20Ave%20ES(104512)%20Introduction%2C%20Plates%2C%20Figures.pdf)
Groundwater Basin	San Joaquin Valley-Kings subbasin (Basin # 5-022-08)	California Department of Water Resources Bulletin 118 (https://www.arcgis.com/home/webmap/viewer.html?url=https://gis.water.ca.gov/arcgis/rest/services/Geoscientific/i08_B118_CA_GroundwaterBasins/FeatureServer)
Hydrogeologic Gradient	According to GeoTracker data from the Hazel Avenue Elementary School property located adjacent west of the Subject Property, groundwater in the vicinity of the Subject Property flows to the southwest.	State Water Resources Control Board GeoTracker database (https://www.arcgis.com/home/webmap/viewer.html?url=https://gis.water.ca.gov/arcgis/rest/services/Geoscientific/i08_B118_CA_GroundwaterBasins/FeatureServer)

2.9.4 Historical Topographic Maps

BSK reviewed available historical topographic maps obtained from EDR to gather information regarding the developmental history and land use of the Subject Property and immediate vicinity. Appendix A includes a copy of the Historical Topographic Map Report, dated February 11, 2025. Table 4 summarizes information obtained from the review of historical topographic maps. Since the historical topographic maps do not provide detail of structures or other features, no specific description is provided of the Subject Property and adjacent properties.

Table 4 Review of Historical Topographic Maps	
Year	**Property and Adjoining Property Observations**
1924	The Subject Property appears vacant. The town of Riverdale is visible to the southwest of the Subject Property. Riverdale Ditch appears to bisect the Subject Property flowing approximately east/west through the southern portion. Murphy Slough is visible approximately 0.50 miles to the north of the Subject Property. Burrel Ditch is visible approximately 0.25 miles south of the Subject Property. A Southern Pacific railroad is visible approximately 0.25 miles south of the Subject Property. Due to the distance and direction, this railroad does not qualify as a REC.
1927	Riverdale High School is visible south of the Subject Property. No other significant changes from the 1924 topographic map.
1954	The Riverdale Ditch has changed its course through the Subject property. The football field and berm are now visible on the map. The town of Riverdale has expanded with additional buildings and roadways in the downtown area. A portion of the Southern Pacific rail line is no longer mapped. Oil tanks are visible approximately 0.25 miles south of the Subject Property. No other significant changes from the 1927 topographic map.
2012	The town of Riverdale has expanded further south and east of the Subject Property. A fire station is now visible approximately 0.25 miles west of the Subject Property. No other significant changes from the 1947 topographic map.
2015	No significant changes from the 2012 topographic map.
2018	No significant changes from the 2015 topographic map.
2021	No significant changes from the 2018 topographic map.

2.9.5 Historical Aerial Photographs

BSK reviewed available historical aerial photographs obtained from EDR to gather information regarding the developmental history and land use of the Subject Property and vicinity. Appendix A includes a copy of EDR's Aerial Photo Decade Package, dated February 11, 2025. Table 5 summarizes information obtained from the review of the aerial photographs:

Table 5
Review of Historical Aerial Photographs

Year	Observed Property Use	Property and Adjoining Property Observations (*Scale: 1" = 500'*)
1937	Residential/ Vacant	The Subject Property and neighboring properties to the east, west, and north appear to be agricultural. It is common for agricultural properties to have pesticides and/or herbicides applied as part of operations. This potential pesticide and herbicide application qualifies as an **on-Subject Property REC**. The surrounding properties are also agricultural fields and qualify as an **off-Subject Property REC**. Two buildings (B1 and B2) that appear to be part of a residence are visible on the Subject Property in the Stage 2 portion of the project. Due to the age of the structures, it is common for termiticides and/or lead-based paint to be applied that qualify as an **on-Subject Property REC.** The Riverdale Ditch is on the Subject Property near the southern boundary in the Stage 1 portion of the project. Due to the potential for this ditch to accumulate hazardous materials from neighboring properties, this ditch qualifies as an **off-Subject Property REC** and an **on-Subject Property REC.** Riverdale High School is visible adjacent south of the Subject Property. The town of Riverdale is visible to the southwest of the Subject Property.
1942	Residential/ Vacant	No significant changes to the 1937 aerial photograph.
1946	Residential/ Agricultural	The aerial photograph quality is poor. Portions of the Subject Property appear to be used for row crops and irrigation ditches in Stages 1, 2, and 3 of the project. As stated previously, due to the potential for these ditches to accumulate hazardous materials from neighboring properties, these ditches qualify as an **off-Subject Property REC** and an **on-Subject Property REC.** Riverdale High School appears to be expanding north towards the Subject Property. No other significant changes from the 1942 aerial photograph can be discerned.
1950	Agricultural/ School	The ditches observed in the 1946 aerial photograph in the Stage 2 and 3 portion of the Subject Property are no longer visible. The football field and berm are visible in their present location on the Subject Property. Riverdale Ditch has been diverted to a new path further north through the Subject Property in the Stage 1 and 2 portion of the project. The irrigation well building (B3) is visible in the southwest corner of the Subject Property in the Stage 1 portion of the project. Due to the age of the structures, it is common for termiticides and/or lead-based paint to be applied that qualify as an **on-Subject Property REC.** The town of Riverdale has expanded east towards the Subject Property.
1957	Agricultural/ School	Two additional buildings (B4 and B5) are visible near the agricultural residence within Stage 2 portion of the project are visible. Additionally, the football stadium scorer's booth building (B6) is visible in the Stage 1 portion of the project. Due to the age of this structure, it is common for termiticides and/or lead-based paint to be applied that qualify as separate **on-Subject Property RECs.** The town of Riverdale continues to expand in the area west of the Subject Property.
1960	Agricultural/ School	The aerial photograph quality is poor. No significant changes from the 1957 aerial photograph can be discerned.

Table 5
Review of Historical Aerial Photographs

Year	Observed Property Use	Property and Adjoining Property Observations (*Scale: 1" = 500'*)
1967	Agricultural/ School	The residence and associated structures on the Subject Property have been razed and is no longer visible in the Stage 2 portion of the project. . A new building (B7) is visible adjacent north of the Varsity baseball field on the Subject Property. This building was observed during the Subject Property Reconnaissance and is a bathroom building. Due to the age of the structures, it is common for termiticides and/or lead-based paint to be applied that qualify as an **on-Subject Property REC.** No other significant changes from the 1960 aerial photograph.
1973	Agricultural/ School	No significant changes from the 1967 aerial photograph.
1976	Agricultural/ School	The aerial photograph quality is poor. No other significant changes from the 1973 aerial photograph can be discerned.
1984	Agricultural/ School	The Riverdale Ditch is no longer visible on the Subject Property. The present-day ag barn (B8) is visible in the Stage 2 portion of the project. Due to the age of the structures, it is common for termiticides and/or lead-based paint to be applied that qualify as an **on-Subject Property REC.** No other significant changes from the 1976 aerial photograph.
1994	Agricultural/ School	The town of Riverdale has expanded in the area west of the Subject Property. A building (B9) is visible at the southeast corner of the football stadium. No other significant changes from the 1984 aerial photograph.
2006	Agricultural/ School	A portion of a ponding basin is visible at the northwestern corner of the Subject Property in the Stage 2 portion of the project. Due to the potential to accumulate hazardous materials from neighboring properties, this ponding basin qualifies as an **off-Subject Property REC** and an **on-Subject Property REC.** The maintenance yard is visible adjacent to the west of the Subject Property. The solar field adjacent northwest of the Subject Property appears to be under construction. The present-day football stadium snack shack building (B10) is visible at the southern end of the football field in the Stage 1 portion of the project. The building at the southeast corner of the football stadium is no longer visible. No other significant changes from the 1998 aerial photograph.
2009	Agricultural/ School	No significant changes from the 2006 aerial photograph.
2012	Agricultural/ School	No significant changes from the 2009 aerial photograph.
2016	Agricultural/ School	No significant changes from the 2012 aerial photograph.
2020	Agricultural/ School	No significant changes from the 2016 aerial photograph.

2.9.6 Historical Sanborn Fire Insurance Maps

According to EDR's Certified Sanborn® Map Report dated February 11, 2025. Fire insurance maps covering the Subject Property were not found in their Sanborn Library. A copy of the Certified Sanborn® Map Report is included in Appendix A.

2.9.7 Historical Directories

BSK reviewed several directory reports provided by EDR to obtain information regarding former property occupants and to provide an indication of the property's former use. The Subject Property was searched in the available directory years from 1973 to 2020. The Subject Property was identified as Riverdale High School in 2020 and Horizon High School in 2017 and 2014. The EDR-City Directory Image Report is dated February 14, 2025 and is included in Appendix A.

2.9.8 User-Provided Information

As part of the All-Appropriate Inquiry (AAI) requirements required under ASTM E1527-21, Messrs. Jeff Percell and John Nunes of Riverdale Joint Unified School District provided BSK with a completed user questionnaire dated April 11, 2025. Messrs. Percell and Nunes are unaware of any environmental conditions related to the Subject Property. A copy of the questionnaire is included in Appendix B.

2.10 Records Review

The purpose of the records review is to examine historic records concerning conditions on surrounding properties, including the Subject Property, which may represent a REC in relation to the Subject Property.

2.10.1 Standard Environmental Record Sources

Federal, State, and local regulatory agencies maintain databases of businesses and properties that handle, store, and dispose of hazardous materials and/or wastes, and locations known to have had unauthorized releases of hazardous substances to soil and/or groundwater. These databases are available for review at the various regulatory agencies, or the information may be obtained from commercial data collection services. BSK Associates retained Environmental Data Resources (EDR) to perform the regulatory agency database search. The record search meets the government records search requirements of ASTM E 1527-21. EDR's findings are documented in the EDR-Radius Map™ Report, dated February 12, 2025 which is included in Appendix A.

Listed below are the facility listings identified on federal and state/tribal databases within the ASTM-required search distances from the approximate Subject Property boundaries. Database definition, descriptions, and the database search report are included in Appendix A.

Table 6
Federal and State Database Search Results

Database	Description	Radius (Miles)	Listings
Federal			
National Priorities List (NPL)	The NPL is the EPA's database of uncontrolled or abandoned hazardous waste facilities that have been listed for priority remedial actions under the Superfund Program.	1	0

Table 6 Federal and State Database Search Results			
Database	**Description**	**Radius (Miles)**	**Listings**
NPL (Delisted)	The NPL (Delisted) refers to facilities that have been removed from the NPL.	1	0
Superfund Enterprise Management System (SEMS) (Previously known as CERCLIS)	The SEMS database tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States.	0.5	0
SEMS Archive	SEMS Archive refers to facilities that have been removed and archived from EPA's inventory of SEMS sites.	0.5	0
Resource Conservation and Recovery Act (RCRA) Corrective Action Report (CORRACTS)/ Treatment, Storage, Disposal (TSD)	The EPA maintains a database of RCRA facilities associated with treatment, storage, and disposal (TSD) of hazardous waste that are undergoing "corrective action." A "corrective action" order is issued when there has been a release of hazardous waste or constituents into the environment from a RCRA facility.	0.25	0
RCRA Non-CORRACTS/ TSD	The RCRA Non-CORRACTS/TSD Database is a compilation by the USEPA of facilities which report storage, transportation, treatment, or disposal of hazardous waste. Unlike the RCRA CORRACTS/TSD database, the RCRA Non-CORRACTS/TSD database does not include RCRA facilities where corrective action is required.	0.25	0
RCRA Generators	The RCRA Generators database, maintained by the EPA, lists facilities that generate hazardous waste as part of their normal business practices. Generators are listed as either large (LQG), small (SQG), or conditionally exempt (CESQG). LQG produce at least 1000 kg/month of non-acutely hazardous waste or 1 kg/month of acutely hazardous waste. SQG produce 100-1000 kg/month of non-acutely hazardous waste. CESQG are those that generate less than 100 kg/month of non-acutely hazardous waste.	Subject Property and adjoining properties	0
IC / EC	A listing of sites with institutional and/or engineering controls in place. IC 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. EC 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.	0.5	0
ERNS	The Emergency Response Notification System (ERNS) is a listing compiled by the EPA on reported releases of petroleum and hazardous substances to the air, soil and/or water.	Subject Property	0
State/Tribal			
NPL	State-equivalent and/or Tribal-equivalent database of NPL sites	1	0

Table 6 Federal and State Database Search Results			
Database	**Description**	**Radius (Miles)**	**Listings**
Envirostor	State-equivalent and/or Tribal-equivalent database of SEMS sites. These facilities may or may not already be listed on the federal SEMS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with facilities where cleanup will be paid for by potentially responsible parties.	1	1
Solid waste facility (SWF) / Landfill (LF)	State and/or Tribal database of solid waste facilities located within California. The database information may include the facility name, class, operation type, area, estimated operational life, and owner.	0.5	0
Leaking Underground Storage Tank (LUST)	State and/or Tribal database of leaking underground storage tanks in state of California	0.5	4
Underground Storage Tank (UST)/Above Ground Storage Tank (AST)	State and/or Tribal database of registered storage tanks in the State of California which may include the owner and location of the tanks.	0.25	2
Voluntary Cleanup Program (VCP)	State and/or Tribal facilities included as Voluntary Cleanup Program sites.	0.5	0
Brownfields	State and/or tribal listing of Brownfield properties addressed by Cooperative Agreement Recipients or Targeted Brownfields Assessments.	0.5	0

In addition to EDR, BSK reviewed the online databases for the following regulatory agencies to obtain reasonably ascertainable and practically reviewable documentation regarding RECs present at the property and adjacent facilities:

- State Water Resources Control Board (SWRCB), GeoTracker Website (http://geotracker.waterboards.ca.gov/)
- Department of Toxic Substances Control (DTSC), EnviroStor Website and Record Search (http://www.envirostor.dtsc.ca.gov/public/)
- California Environmental Protection Agency (CalEPA) Website (https://siteportal.calepa.ca.gov/nsite/map/help)
- California Geologic Energy Management Division (CalGEM) Database (https://www.conservation.ca.gov/calgem/Pages/WellFinder.aspx)
- U.S. Department of Transportation Pipeline and Hazardous Materials Safety Administration (PHMSA) Website (www.npms.phmsa.dot.gov)
- Fresno County Department of Public Health Environmental Health Document Portal (DPHEHDP) (https://www.fresnohealthinspections.com/)

The Subject Property is not identified on the SWRCB GeoTracker, DTSC Envirostor, CalGEM, PHMSA, or Fresno County DPHEHDP websites. The Subject Property is identified on the CalEPA site as a chemical storage facility and hazardous waste generator. Two administrative violations are noted, however, BSK

did not see documentation of a release of hazardous materials and/or petroleum products on the Subject Property in the CalEPA database or DPHEHDP database.

According to CalGEM, the Riverdale oil field is located approximately 3,000 feet west, southwest of the Subject Property. The nearest well is a plugged dry well approximately 1,292 feet north of the Subject Property. Due to the distance from the Site, these wells and oil field do not qualify as a REC.

The following table summarizes the Subject Property-specific information provided by the database and/or gathered by this office for identified facilities from the databases above. Facilities are listed in order of proximity to the Subject Property and evaluated for impacts to the Subject Property. Acronyms and terms used in this report are described in Appendix A– Radius Map Report.

Table 7 Listed Facilities			
Facility Name and Location	**Estimated Distance/Direction/ Hydrogeological Gradient**	**Database Listings**	**Additional Information Regarding Property and Interpretation of Impact on Subject Property**
Riverdale Joint Unified School District/Riverdale High School (3086 W Mt. Whitney Ave.)	Subject Property	HAZNET, SWEEPS UST, CA FID UST, CERS Hazardous Waste, CUPA Listings, CERS	This facility is documented as a hazardous waste generator, chemical storage facility, and auto repair/maintenance facility. The facility is documented as having a hazardous waste removed from the property from 1999 to 2020. The property is documented as having a 10,000-gallon diesel UST, a 1,000-gallon gasoline UST, and a 10,000-gallon gasoline UST. It is BSK's understanding that the USTs are located outside of the Subject Property and therefore, these USTs qualify as an **off-Subject Property REC.**
Hazel Avenue Elementary School (Northwest of Hazel Ave.)	Adjacent west / cross-to-down-gradient	ENVIROSTOR	This facility is documented as having a school site investigation performed in 2007. According to the DTSC letter dated July 30, 2007, DTSC stated that "based on review of the revised PEA report, neither a release of hazardous material nor the presence of naturally occurring hazardous material which would pose a threat to public health or the environment under unrestricted land use was indicated at the site. Therefore, DTSC concurs with the PEA report conclusion that no further investigation of the site is required." This listing does not qualify as a REC.
Joe M. Coelhi (3233 Stathem St.)	153 feet west, southwest/down-gradient	Historic UST, SWEEPS UST, CA FID UST	This facility is documented as having two (2) 350-gallon gasoline USTs. BSK did not see evidence of a release from this facility in the documents reviewed, however, the presence of USTs qualifies as an **off-Subject Property REC.**

Table 7 Listed Facilities			
Facility Name and Location	**Estimated Distance/Direction/ Hydrogeological Gradient**	**Database Listings**	**Additional Information Regarding Property and Interpretation of Impact on Subject Property**
Riverdale Memorial District (3085 W. Mt. Whitney Ave.)	604 feet south/down-to-cross-gradient	CUPA Listings	This facility is listed as having a hazardous material disclosure below reporting quantity. BSK did not see evidence of a release from this facility in the documents reviewed and therefore, this facility does not qualify as a REC.
Southwest Transportation (20900 Hazel Ave.)	636 feet south, southwest/ down-gradient	CA FID UST	This facility is listed as having a 10,000-gallon diesel UST. The facility is also documented as having 3 USTs removed. BSK could not ascertain if the USTs are still present at the property from the records reviewed. BSK did not see evidence of a release from this facility in the documents reviewed, however, the potential presence of the 10,000-gallon diesel UST qualifies as an **off-Subject Property REC.**
Coelho Farms / Tank Cleanup @ Riverdale (3150 Mt. Whiteny Ave.)	665 feet south/down-to-cross-gradient	SWEEPS UST, CA FID UST, CUPA Listings, Historic CORTESE	This facility is listed as having a 250-gallon gasoline UST. According to EDR, the UST was “cleaned up”. This UST qualifies as an **off-Subject Property REC.**
Riverdale Ice / The Corral (20924 Hazel St.)	676 feet south, southwest/down-gradient	SWEEPS UST, CA FID UST, CUPA Listings	This facility is listed as having two (2) 1,000-gallon gasoline USTs that were removed. BSK did not see documentation of a release from this facility and therefore, this facility does not qualify as a REC.
Carreiros Union / Austin Petroleum Co Inc. (3164 W Mt. Whitney Ave.)	690 feet south /down-to-cross-gradient	Historic UST, SWEEPS UST, CA FID UST, CUPA Listings	This facility is listed as having an 8,000-gallon waste oil UST and an 8,000-gallon gasoline UST removed. The facility is also documented as having a 10,000-gallon gasoline UST, two (2) 4,000-gallon gasoline USTs, and a 150-gallon waste oil UST. BSK did not see documentation of a release from this facility however, the remaining USTs qualify as an **off-Subject Property REC.**

Table 7
Listed Facilities

Facility Name and Location	Estimated Distance/Direction/ Hydrogeological Gradient	Database Listings	Additional Information Regarding Property and Interpretation of Impact on Subject Property
Riverdale PUD – Valentine & Strathem Site (S Valentine Ave.)	727 feet west/down-to-cross-gradient	CUPA Listings	This facility is listed as having a UST removed. BSK did not see documentation of a release from this facility and therefore, this facility does not qualify as a REC.
Get 'N Go 9927 / Fastrip Gasoline / Circle K Store #1331 (3210 W Mt. Whitney Ave.)	850 feet south, southwest / down-gradient	UST, CERS Hazardous Waste, CERS Tanks, SWEEPS UST, Historic UST, CA FID UST, CUPA Listings	This facility is listed as having a 12,000-gallon double-walled gasoline UST. The facility is documented as having three (3) 8,000-gallon gasoline USTs removed. BSK did not see documentation of a release from this facility however, and due to the distance and direction from the Subject Property, this UST does not qualify as a REC.
Riverdale Public Utilities (20945 Haslam St.)	1,015 feet southwest / down-gradient	SWEEPS UST, CA FID UST, CUPA Listings, Historic UST	This facility is listed as having a 500-gallon gasoline UST and a 500-gallon diesel UST that were removed. BSK did not see documentation of a release from this facility however, and therefore this facility does not qualify as a REC.
D&D Chevron / Casmeros Chevron Service/ Toronjita Tires (3410 W Mt. Whitney Ave.)	1,254 feet southwest / down-gradient	CUPA Listings, Historic UST, SWEEPS UST, CA FID UST, CUPA Listings, LUST, CORTESE, Historic CORTESE, CERS	This facility is listed as having a 12,000-gallon double-walled gasoline UST. The facility is documented as having three (3) 8,000-gallon gasoline USTs removed. BSK did not see documentation of a release from this facility however, and due to the distance and direction from the Subject Property, this UST does not qualify as a REC.

Table 7 Listed Facilities			
Facility Name and Location	**Estimated Distance/Direction/ Hydrogeological Gradient**	**Database Listings**	**Additional Information Regarding Property and Interpretation of Impact on Subject Property**
McLeod Ford (3415 W Mt. Whitney Ave.)	1,495 feet southwest / down-gradient	RCRA-SQG, CERS Hazardous Waste, SWEEPS UST, CA FID UST, CUPA Listings, Historic CORTESE, CERS, LUST, CORTESE	This facility is documented as having two, 5,000-gallon gasoline USTs removed from the property in 1995. Soil samples beneath the USTs showed elevated concentrations of toluene, ethylbenzene, xylenes, and TPH-gasoline. Groundwater samples from a well approximately 80 feet north of the Subject Property showed toluene, ethylbenzene, and xylenes in 1995 through 1998. No other petroleum hydrocarbons were detected between June 1995 to April 2002. The SWRCB GeoTracker case completed and closed in 2010. Due to the distance and direction, this former release and documented closure by SWRCB does not qualify as a REC.
Texaco Star Mart #8 (3610 W Mt. Whitney Ave.)	2,000 feet west, southwest / down-gradient	LUST, CORTESE, Historic CORTESE, CERS	This facility is documented as upgrading piping and dispensers for the gas station in 1996. During the upgrade, soil samples were collected and contained TPH-gasoline, and TPH-diesel. The SWRCB GeoTracker case was completed and closed in 2013. Due to the distance and direction, this former release and documented closure by SWRCB does not qualify as a REC.
Brown Feed & Seed (21053 Sherrill St.)	2,276 feet west, southwest / down-gradient	LUST, CORTESE, Historic CORTESE, CERS	This facility is documented as removing a 10,000-gallon diesel UST, a 10,000-gallon gasoline UST, and a 5,000-gallon gasoline UST in 1988. During the excavation soil samples were collected and contained TPH-gasoline and TPH-diesel. The SWRCB GeoTracker case was completed and closed in 1999. Due to the distance and direction, this former release and documented closure by SWRCB does not qualify as a REC.

2.10.2 Previous Assessments

BSK was not provided a previous assessment for the Subject Property.

2.10.3 Subject Property Reconnaissance

In accordance with the ASTM 1527-21, a Subject Property reconnaissance, which included an observation of the Subject Property and adjacent properties, was conducted by Mrs. Jill Vieira of BSK on February 12, 2025 and July 2, 2025. Subject Property photographs taken during this reconnaissance are included in Appendix C. The objective of the Subject Property reconnaissance was to observe Subject Property conditions and obtain information indicating the likelihood of identifying RECs, including hazardous substances and petroleum products, in connection with the Subject Property and/or adjacent properties (including soils, surface waters, and groundwater).

The Subject Property reconnaissance included observations of the Subject Property, the Subject Property's exterior periphery, and immediately adjacent properties. Table 8 provides a brief description of Subject Property observations encountered during the Subject Property reconnaissance.

Table 8
Subject Property Observations

Observations or environmental conditions that may involve the use, storage, disposal or generation of hazardous substances or petroleum products	Observed	Not Observed	Description
Aboveground storage tank (AST)	X		Empty mobile AST (farm tote trailer) in the Stage 2 portion of the project. According to the Riverdale Joint Unified School District, this AST only contains water and therefore does not qualify as a REC. (Photo 8)
Air Emissions		X	
Below grade vaults		X	
Burned or buried debris		X	
Chemical storage	X		Chemical storage was observed in the ag barn on the Subject Property in the Stage 2 portion of the project. This qualifies as an **on-Subject Property REC.** Photo 9)
Chemical mixing areas		X	
Discolored soil or water		X	

Table 8 Subject Property Observations			
Observations or environmental conditions that may involve the use, storage, disposal or generation of hazardous substances or petroleum products	**Observed**	**Not Observed**	**Description**
Ditches, streams	X		Thomas Ditch was observed approximately 240 feet north of Subject Property (Photo 2). This ditch qualifies as an **off-Subject Property REC.**
Drains and piping (e.g., floor drains, floor trenches, bay drains, sand traps, grease traps)	X		Floor drain in bathroom (B7) at varsity baseball field in Stage 1 portion of the project.
Drums	X		One drum was observed inside the ag barn on the Subject Property in the Stage 2 portion of the project. According to the Riverdale Joint Unified School District, this drum is used to store pig feed and does not qualify as a REC. (Photo 9)
Electrical or hydraulic equipment (Polychlorinated biphenyls [PCBs])	X		Pad-mounted transformer outside of maintenance yard in Stage 3 portion of the project and electrical boxes west of football field in the Stage 1 portion of the project. BSK did not see evidence of staining at these locations. (Photos 11 and 16)
Fill dirt from unknown source		X	

Table 8 Subject Property Observations			
Observations or environmental conditions that may involve the use, storage, disposal or generation of hazardous substances or petroleum products	**Observed**	**Not Observed**	**Description**
Fill dirt from known source	X		Road baserock outside of maintenance yard in the Stage 3 portion of the project (Photo 11). According to Riverdale Joint Unified School District, this pile is leftover base rock from a previous project and does not qualify as a REC. Additionally, landscaping material in the northern end of the parking lot within the Subject Property. (Photos 14 and 15)
Hazardous chemical and petroleum products in connection with unknown use		X	
Non-hazardous containers with contents		X	
Hazardous Waste Storage		X	
Heating and cooling system and fuel source		X	
Industrial waste treatment equipment		X	
Loading and unloading areas		X	
Odors		X	
Pits, Ponds, or Lagoons	X		Ponding basin in the Stage 2 portion of the project. This ponding basin qualifies as an **on-Subject Property REC** and an **off-Subject Property REC.** (Photo 1)
Pools of Liquid		X	
Process wastewater		X	
Sanitary Sewer System		X	
Septic system (e.g., tank and leach fields)		X	

Table 8 Subject Property Observations			
Observations or environmental conditions that may involve the use, storage, disposal or generation of hazardous substances or petroleum products	**Observed**	**Not Observed**	**Description**
Soil piles	X		Soil/rock pile outside of maintenance shop in the Stage 3 portion of the project and in parking lot of Stage 1 portion of the project. According to Riverdale Joint Unified School District, this pile is leftover base rock from a previous project and does not qualify as a REC. (Photos 11, 14, & 15)
Solid Waste/Evidence of Unauthorized Dumping		X	
Stained pavement, soil or concrete	X		Stained concrete was observed under the irrigation well within the irrigation well building (B3) in the Stage 1 portion of the project. This staining qualifies as an **on-Subject Property REC.** (Photo 20)
Stains or corrosion (interior, non-water)		X	
Storm drains/catch basins		X	
Stressed vegetation		X	
Sumps and clarifiers		X	
Surface Water		X	
Underground storage tank(s) including heating oil tanks and oil/water separators		X	
Unidentified substance containers		X	
Utilities	X		Overhead power.
Wastewater Discharge		X	

Table 8 Subject Property Observations			
Observations or environmental conditions that may involve the use, storage, disposal or generation of hazardous substances or petroleum products	**Observed**	**Not Observed**	**Description**
Water supplies (potable and process)	X		Dry and unused irrigation well within the irrigation well building (B3) in the Stage 1 portion of the project. The staining on the well qualifies as an **on-Subject Property REC.** (Photo 20)
Wells (irrigation, monitoring, or domestic)	X		Dry and unused irrigation well within the irrigation well building (B3) in the Stage 1 portion of the project. The staining on the well qualifies as an **on-Subject Property REC.** (Photo 20)
Wells (dry)	X		Dry and unused irrigation well within the irrigation well building (B3) in the Stage 1 portion of the project. The staining on the well qualifies as an **on-Subject Property REC.** (Photo 20)
Wells (Oil and Gas)		X	

The following RECs were observed during the Subject Property reconnaissance:

1. Chemical storage was observed in the ag barn in the Stage 2 portion of the project. Due to the potential release of chemicals, this qualifies as an **on-Subject Property REC.**
2. Thomas Ditch was observed approximately 240 feet north of the Subject Property. It is common for agricultural canals to accumulate hazardous materials (i.e. pesticides/herbicides) and therefore qualifies as an **off-Subject Property REC.**
3. A ponding basin was observed on and adjacent to the northwest corner of the Subject Property in the Stage 2 portion of the project. It is common for ponding basins to accumulate hazardous materials (i.e. pesticides/herbicides) and therefore qualifies as an **on-Subject Property REC and off-Subject Property REC.**
4. Stained concrete was observed under the dry irrigation well within the irrigation well building (B3) on the Subject Property in the Stage 1 portion of the project. This release qualifies as an **on-Subject Property REC.**

2.10.4 Interviews

The Owner/Occupant Questionnaire was prepared by Messrs. Jeff Percell and John Nunes of the Riverdale Joint Unified School District (RJUSD) as the Subject Property owner, on April 11, 2025. According to Messrs. Percell and Nunes' responses, they are not aware of any USTs, ASTs, septic tanks, wash rack areas, stationary hydraulic lifts, pipelines, stained soils, or rail line/spurs on the Subject Property. They stated that the Subject Property leases the farmland portion of the Subject Property to Mt. Whitney Dairy which uses it for farming. Messrs. Percell and Nunes state that they are aware of water wells, storm drains, fill material/imported soil, electric transformers, and the use of pesticides on the Subject Property. Additionally, Messrs. Percell and Nunes' state that asbestos inspections occur annually and lead testing occurs as necessary regarding water and paint. The completed questionnaire is included in Appendix D.

2.10.5 Migration and VES

Migration refers to the movement of hazardous substances or petroleum products in any form, including, for example, solid and liquid at the surface or subsurface, and vapor in the subsurface. A Vapor Encroachment Screen (VES) was conducted to comply with the requirements of ASTM E2600-10, "Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions." A VES is a high-level screening of available records to evaluate the likelihood of migration of volatile contaminants (generally excluding petroleum hydrocarbons from on-Subject Property sources) which may impact the Subject Property. The screening evaluates groundwater gradient, distance, migration pathways, barriers, and chemical specific characteristics to evaluate the likelihood of migration. A search of the available records was conducted by EDR as part of the screening evaluation. The VES (Appendix A) identified one (1) VEC at the Coelho Farms property located at 3150 W Mt. Whitney Blvd. This facility is documented as having a tank cleanup and qualifies as a VEC.

3 SUPPLEMENTAL EVALUATION ITEMS

Per DTSC guidance, BSK has reviewed and evaluated additional sources for potential release or presence of hazardous material on the Site per California Code of Regulation, Section 69104, subsection (d) for the assessment of school sites. The supplemental areas required are:

a) Agricultural use
b) Debris or stockpiles
c) Fill material
d) Electrical transformers, oil-filled electrical equipment, or hydraulic systems
e) Government use or ownership
f) Grading activities
g) Hydrogen sulfide
h) Illegal drug manufacturing
i) Lead-based paint application
j) Metals and metalloids

k) Methane
l) Mines
m) Naturally—occurring asbestos
n) Naturally—occurring hazardous materials
o) Petroleum deposits or use
p) Radon
q) Railroad use or easements
r) Residential use
s) Surface drainage pathways
t) Termiticide application
u) Utility easements
v) Munitions and explosives of concern

The following table summarizes the supplemental evaluation items *not* called out or fully addressed elsewhere in this report.

Table 9
Supplemental Evaluation Items

Item	Evaluation
Government Use or Ownership	The Subject Property is owned by the Riverdale Joint Unified School District since 1916. The District leases a portion of the Subject Property to Mt. Whitney Dairy.
Hydrogen Sulfide	Based on BSK's February 12, 2025 and July 2, 2025 Subject Property reconnaissance and review of historical air photos and topographic maps, there is no evidence of sources of hydrogen sulfide gas, such as springs, swamps, oil fields or buried sewer lines located at the Site. BSK reviewed the California Geologic Energy Management Division (CalGEM) web map. The closest well is approximately 1,292 feet north of the Subject Property. This well is reportedly a dry hole and is plugged.
Illegal Drug Manufacturing	No evidence of illegal drug manufacturing activities was noted in the ESA database search, GeoTracker, or EnviroStor. There is no evidence of residences/structures on the property which could have housed illegal drug manufacturing. Therefore, there is no reason to suspect illegal drug manufacturing has occurred at the Site.

Table 9
Supplemental Evaluation Items

Item	Evaluation
Lead-Based Paint Application	During BSK's February 12, 2025 and July 2, 2025 Subject Property reconnaissance, BSK observed five structures on the Subject Property: Ag barn (B8) – Stage 2, Snack Shack (B10) – Stage 1, Irrigation Well Building (B3) – Stage 1, Varsity Baseball Field Bathrooms (B7) – Stage 1, and Football Scorer's Booth (B6) – Stage 1 Due to the age of the Subject Property, the District could have utilized lead-based paint, which may also reside in soils in those locations. Additionally, four historic structures (B1, B2, B4, B5) were observed on the Subject Property in the historic aerial photographs. As stated previously, these pre-1979 structures (B1 through B8) qualify as **on-Subject Property RECs** due to the potential termiticide application and the use of lead-based paint.
Metals and Metalloids	With the exception of metals related to agricultural chemicals and also the on-site detention basin, sources that could be related to elevated metals in soil were not identified at the Subject Property. Soil testing by BSK summarized in Section 4 identified arsenic in soil samples collected were below the 95th percentile value of 12.6 mg/kg based on background arsenic concentrations in soil from 0 to 3 ft below ground surface (bgs) (Hunter, Davis and Roach 2005) and within typical background concentrations for California. It is common for elevated arsenic to be naturally occurring in soil in the Central Valley.
Methane	Based on BSK's Subject Property visit, review of historical air photos and topographic maps, and CalGEM there are no sources of methane, such as springs, swamps, oil fields or buried sewer lines located within approximately 3,000 feet of the Subject Property.
Mines	Based on BSK's February 12, 2025 and July 2, 2025 Subject Property reconnaissance, review of historical air photos and topographic maps, and one of the author of this Phase I ESA's experience as a professional geologist with 38 years' experience, the Subject Property is located in an area of Quaternary age alluvium with no potential for mining other than sand and gravel. No evidence of sand/gravel mining, other mines or pits in historic topographic maps, aerial photos, or database records was observed.

Table 9 Supplemental Evaluation Items	
Item	**Evaluation**
Naturally—Occurring Asbestos	Based on BSK's review of the California Department of Health's online GIS map for "Areas with Potential for Naturally Occurring Asbestos", approximately 29 miles east, northeast of the Subject Property are ultramafic rock. These geologic formations may have the potential to contain Naturally Occurring Asbestos (NOA). BSK did not identify any other occurrences of naturally occurring asbestos within 10 miles of the Subject Property. (https://cdphdata.maps.arcgis.com/apps/webappviewer/index.html?id=da4b648958844134adc25ff002dbea1c) Additionally, according to the California Department of Conservation's Geologic Map of California (https://maps.conservation.ca.gov/cgs/gmc/) the Subject Property is located in an area of Quaternary marine and nonmarine (continental) sedimentary rocks (unconsolidated and semi-consolidated) (mapped unit is Q).
Naturally—Occurring Hazardous Materials	Based on BSK's review of the geologic map for the Subject Property (https://maps.conservation.ca.gov/cgs/gmc/), the Subject Property is situated on Quaternary marine and nonmarine (continental) sedimentary rocks (unconsolidated and semi-consolidated) (mapped unit is Q). Other than elevated background metals concentrations common in sediments along the western margins of the Central Valley, naturally occurring hazardous materials are not associated with this type of sedimentary deposit.
Radon	According to the California Department of Conservation, Indoor Radon Potential Interactive map (http://maps.conservation.ca.gov/cgs/radon/), the Subject Property is located in an unmapped area for indoor radon.
Surface Drainage Pathways	A detention pond is partially located on the Subject Property and adjacent north of the Subject Property
Termiticide Application	During BSK's February 12, 2025 and July 2, 2025 Subject Property reconnaissance, BSK observed five structures on the Subject Property: Ag barn (B8) – Stage 2, Snack shack (B10) – Stage 1, Irrigation Well Building (B3) – Stage 1, Varsity Baseball Field Bathrooms (B7) – Stage 1, and Football Scorer's Booth (B6) – Stage 1. Due to the age of the Subject Property, the District could have utilized lead-based paint, which may also reside in soils in those locations. Additionally, four historic structures (B1, B2, B4, B5) were observed on the Subject Property in the historic aerial photographs. As stated previously, these pre-1979 structures (B1 through B8) qualify as **on-Subject Property RECs** due to the potential termiticide application and the use of lead-based paint.

Table 9 Supplemental Evaluation Items	
Item	**Evaluation**
Munitions and Explosives of Concern	No evidence of munitions and explosives of concern were observed at the Subject Property during the February 12, 2025 and July 2, 2025 Subject Property reconnaissance. Based on the historical research for the Subject Property, the Subject Property has not operated as a military base, ammunition depot, or shooting range.

4 LIMITED PHASE II ESA / RESIDUAL AGRICULTURAL CHEMICAL TESTING

BSK performed residual agricultural chemical testing on the Subject Property to evaluate the soil conditions related to agricultural activities that occurred on the Subject Property. As stated in Section 2.3, the Subject Property was formerly agricultural or vacant. It is common for agricultural fields to use chemicals that are considered hazardous materials. The sampling was done in general accordance with the DTSC's Interim Guidance for Sampling Agricultural Properties, Third Revision dated August 7, 2008. BSK collected eleven 11) composite samples and eleven (11) discrete samples for analysis for this approximately 21.5-acre property. Please note, due to an adjustment to the Subject Property boundary after soil sampling occurred, some soil samples were collected outside of the Subject Property. For transparency, BSK included this data as discussed below.

On April 1 and 2, 2025, BSK's Jill Vieira obtained 35 soil samples from a depth of approximately 0 - 6 inches in 35 boring locations. An additional eight soil samples were collected from a depth of approximately 0 - 6 inches in 8 boring locations on July 2, 2025. These samples were collected in general accordance with DTSC's Interim Guidance for Sampling Agricultural Properties, Third Revision and the aforementioned approved methodology. All samples were obtained and placed in laboratory prepared containers, labeled, and placed on ice in a secured cooler. The samples were transported to BSK's laboratory under chain-of-custody procedure. The laboratory composited the samples for a total of eleven (11) composite samples, eleven (11) discrete samples, two (2) duplicate composite samples, and two (2) duplicate discrete samples. The sample analytical results are summarized as follows:

Table 10 Residual Agricultural Chemical Sampling (All concentrations in mg/kg, except as noted)					
Sample ID	**Sample Depth**	**Sample Date**	**Total Arsenic (EPA Method 6020)**	**4,4'-DDE**	**Remaining Organochlorine Pesticides (OCP)**
Composite 1 (1A, 1B, 1C, 1D)	**0-0.5'**	4/1/25	--	ND	ND
1 D Arsenic	**0-0.5'**	4/1/25	**4.5**	--	--
Composite 2 (2A, 2B, 2C, 2D)	**0-0.5'**	4/1/25	--	ND	ND
2 D Arsenic	**0-0.5'**	4/1/25	**2.9**	--	--
Composite 3 (3A, 3B, 3C, 3D)	**0-0.5'**	4/1/25	--	ND	ND
3 D Arsenic	**0-0.5'**	4/1/25	**4.9**	--	--
Composite 4 (4A, 4B, 4C, 4D)	**0-0.5**	4/1/25	--	ND	ND
4 D Arsenic	**0-0.5'**	4/1/25	**5.2**	--	--
Composite 5 (5A, 5B, 5C, 5D)	**0-0.5'**	4/1/25	--	ND	ND
5 D Arsenic	**0-0.5'**	4/1/25	**4.8**	--	--
Composite 6 (6A, 6B, 6C)	**0-0.5'**	4/1/25		ND	ND
6C Arsenic	**0-0.5'**	4/1/25	**2.9**	--	--
Composite 7 (7A, 7B, 7C, 7D)	**0-0.5'**	4/2/25	**--**	**0.0065**	ND
Composite 7 (7A, 7B, 7C, 7D) Duplicate	**0-0.5'**	4/2/25	**--**	**0.0067**	ND
7D Arsenic	**0-0.5'**	4/2/25	**3.8**	**--**	--
7D Arsenic Duplicate	**0-0.5'**	4/2/25	**4.3**	**--**	--
Composite 8 (8A, 8B, 8C, 8D)	**0-0.5'**	4/2/25	--	ND	ND
8D Arsenic	**0-0.5'**	4/2/25	**4.4**	--	--
Composite 9 (9A, 9B, 9C, 9D)	**0-0.5'**	4/2/25	--	ND	ND
9D Arsenic	**0-0.5'**	4/2/25	**4.4**	--	--
DTSC -SLs for Res. Soil (mg/kg)			0.11	2,000	--
Title 22 – TTLC (mg/kg)			500	--	--
Title 22 – STLC (mg/L)			5.0	--	--
10-Times Title 22 – STLC (mg/L)			50	--	--
Naturally Occurring Arsenic Background Concentrations[1]			**50th Percentile 2.2 mg/kg** **95th Percentile 12.7 mg/kg** **99th Percentile 25.0 mg/kg**		

[1] Hunter, Davis and Roach, 2005. "Inorganic Chemicals in Ground Water and Soil: Background Concentrations at California Air Force Bases. Presented at: 44th Annual Meeting of the Society of Toxicology, New Orleans, Louisiana, 10 March 2008" March 10.

Table 10 (continued)
Residual Agricultural Chemical Sampling
(All concentrations in mg/kg, except as noted)

Sample ID	Sample Depth	Sample Date	Total Arsenic (EPA Method 6020)	4,4'-DDE	Remaining Organochlorine Pesticides (OCP)
Composite 10(10A, 10B, 10C, 10D)	**0-0.5'**	7/2/25	--	ND	ND
Composite 10 (10A Dup, 10B Dup, 10C Dup, 10D Dup) Duplicate	**0-0.5'**	7/2/25	--	ND	ND
10 D (Discrete)	**0-0.5'**	7/2/25	**4.6**	--	--
10 D Arsenic Duplicate	**0-0.5'**	7/2/25	**5.0**	--	--
Composite 11(11A, 11B, 11C, 11D)	**0-0.5'**	7/2/25	**---**	ND	ND
11 D Arsenic	**0-0.5'**	7/2/25	**4.4**	--	--
DTSC -SLs for Res. Soil (mg/kg)			0.11	2,000	--
Title 22 – TTLC (mg/kg)			500	--	--
Title 22 – STLC (mg/L)			5.0	--	--
10-Times Title 22 – STLC (mg/L)			50	--	--
Naturally Occurring Arsenic Background Concentrations[2]			**50th Percentile 2.2 mg/kg**		
			95th Percentile 12.7 mg/kg		
			99th Percentile 25.0 mg/kg		

<xx.x = Analyte was not detected at a concentration greater than or equal to the noted laboratory reporting limit.
Bold = Detected above laboratory reporting limit.
--- = Not listed, not analyzed, or not applicable.
DTSC-SLs = DTSC Modified Screening levels developed by the California DTSC; June 2020, Revised May 2022.
TTLC and STLC Regulatory Values per 22CCR66261.24
Cells highlighted in yellow exceed one or more regulatory guidance value/standard.
n/a = not applicabl

[2] Hunter, Davis and Roach, 2005. "Inorganic Chemicals in Ground Water and Soil: Background Concentrations at California Air Force Bases. Presented at: 44th Annual Meeting of the Society of Toxicology, New Orleans, Louisiana, 10 March 2008" March 10.

For copies of the laboratory data reports and chain of custody documentation, please refer to Appendix E.

As shown in Table 10 above, arsenic concentrations in all discrete soil samples (concentration range of 2.9 to 5.2 mg/kg) exceeded the DTSC Screening Level for Residential Soil of 0.11 mg/kg throughout the Subject Property. However, naturally occurring arsenic is a common element in rock and sediment documented throughout California and the concentrations detected are typical and below the 95th percentile value of 12.6 mg/kg based on background arsenic concentrations in soil from 0 to 3 ft below ground surface (bgs) (Hunter, Davis and Roach 2005). It is also the experience of the signatories of this report that elevated arsenic concentrations exist along the western margins of the Central Valley. Additionally, the soil samples collected were below the reporting limits for the residual organochlorine pesticides analyzed with the exception of one (1) sample. 4,4'-DDE was detected in one (1) composite sample (Composite 7 and its duplicate sample) with a concentration of 0.0065 to 0.0067 mg/kg, respectfully. This concentration is below the DTSC Screening Level (SL) of 2 mg/kg for a residential scenario. Based on the soil samples collected and analysis conducted, the soil does not qualify as hazardous waste based solely on the sampling and analysis performed.

5 FINDINGS AND CONCLUSIONS

We have performed a Phase I ESA in general conformance with the scope and limitations of ASTM practice E 1527-21 for Fresno County Assessor's Parcel Number (APN): 053-130-12T & 053-130-82T in Riverdale, California. Any exceptions to, or deletions from, this practice are described in Section 2.6 of this Report.

This assessment identified ten (10) RECs in connection with the Subject Property. BSK divided the RECs based on which Stage of the project they are located. The RECs is as follows:

Stages 1, 2, and 3

1. Agricultural Operations – Potential Hazardous Material Release (i.e. pesticides/herbicides)
2. Historical Ditches – Potential Accumulation of Hazardous Materials (i.e. pesticides/herbicides)

Stage 1

3. Historic Structure B3 – Irrigation Well Building (Approximately 1950s – Present) – Potential Termiticide and/or Lead-based Paint Application
4. Historic Structure B6 – Football Stadium Scorer's Booth (Approximately 1950s – Present) – Potential Termiticide and/or Lead-based Paint Application
5. Historic Structure B7 – Varsity Baseball Bathroom (Approximately 1960s – Present) – Potential Termiticide and/or Lead-based Paint Application
6. Stained Soils on Concrete of Dry Irrigation Well – Petroleum Product Release.

Stage 2

7. Historic Residence and Associated Structures B1, B2, B4, and B5 (Approximately 1930s – 1960s) – Potential Termiticide and/or Lead-based Paint Application
8. Ag Barn B8 (Approximately 1970s – Present) – Potential Termiticide and/or Lead-based Paint Application
9. Chemical Storage on concrete in Ag Barn – Potential Hazardous Material Release
10. Detention Pond – Potential Accumulation of Hazardous Materials (i.e. pesticides/herbicides)

This assessment did not identify CRECs or HRECs in connection with the Subject Property.

Seven (7) RECs were identified in the vicinity of the Subject Property. The RECs are as follows:

1. Agricultural Operations in the Vicinity of the Subject Property – Potential Release/Application of Hazardous Materials
2. Riverdale Ditch, Historic Ditches, and Thomas Ditch – Potential Accumulation of Hazardous Materials (i.e. pesticides/herbicides)
3. Riverdale Joint Unified School District (3086 W Mt. Whitney Ave.) – Potential Petroleum Product Release from USTs
4. Joe M. Coelhi (3233 Stathem St.) – Potential Petroleum Product Release from USTs
5. Southwest Transportation (20900 Hazel Ave.) – Potential Petroleum Product Release from USTs
6. Carreiros Union / Austin Petroleum Co Inc. (3164 W Mt. Whitney Ave.) – Potential Petroleum Product Release from USTs
7. Detention Pond – Potential Accumulation of Hazardous Materials

This assessment did not identify a CREC or HREC in the vicinity of the Subject Property.

This assessment identified one VEC associated with the Coelho Farms property located at 3150 W Mt. Whitney Blvd. This listing is approximately 665 feet south from the Subject Property.

Based on the former and current use of the Subject Property for agricultural purposes, residual agricultural chemical sampling was performed to evaluate the presence of agricultural chemicals on the Subject Property in accordance with DTSC guidance documents. As stated in Section 4 above, arsenic concentrations in all discrete soil samples exceeded the DTSC Screening Level for Residential Soil and of 0.11 mg/kg and ranged from 2.9 to 5.2 mg/kg. However, naturally occurring arsenic is a common element in rock and sediment documented throughout California and the concentrations detected are typical and below the 95th percentile value of 12.6 mg/kg based on background arsenic concentrations in soil from 0 to 3 ft below ground surface (bgs) (Hunter, Davis and Roach 2005). Furthermore, it is also the experience of the signatories of this report that elevated arsenic concentrations naturally exist along the western margins of the Central Valley. Additionally, the soil samples collected were below the reporting limits for the residual organochlorine pesticides analyzed with the exception of one (1) sample. 4,4'-DDE was

detected in one (1) composite sample (Composite 7 and its duplicate sample) with a concentration of 0.0065 to 0.0067 mg/kg. This concentration is below the DTSC Screening Level (SL) of 2 mg/kg for a residential scenario. Based on the soil samples collected and analysis conducted, the soil does not qualify as hazardous waste based solely on the sampling and analysis performed and is below the DTSC SLs for OCPs.

6 RECOMMENDATIONS

Based on the intended use of the Subject Property as a school site, BSK recommends that this report be submitted to the State of California Department of Toxic Substances Control (DTSC) for review and comment. Based on their review, it is possible that a Preliminary Endangerment Assessment (PEA) Workplan will need to be prepared and submitted to DTSC to evaluate the Subject Property for the RECs identified above in the Stage 3 area of the project as it is the only part of the project that will be receiving state funding. However, based on the Limited Phase II ESA / Residual Agricultural Chemical Testing performed in the Stage 3 area and throughout the Subject Property, BSK does not recommend additional investigation of the Subject Property or the Stage 3 area at this time for residual agricultural chemicals. However, BSK does recommend sampling the excavated soil from the detention basin expansion that is intended to be used as fill in the Stage 2 area of the project.

Additionally, although the historic structures on the Subject Property qualify as RECs due to the potential termiticide and/or lead-based paint application per DTSC's Interim Guidance Evaluation of School Sites with Potential Soil Contamination as a Result of Lead From Lead-Based Paint, Organochlorine Pesticides from Termiticides, and Polychlorinated Biphenyls from Electrical Transformers date June 9, 2006, these buildings were already part of the approved school facility and no historic or existing buildings were observed in the Stage 3 area of the project.

As recommended in DTSC's comment letter dated January 17, 2025, this report should also be submitted to Fresno County for review and comment and to determine if additional investigation and cleanup is required in the Stage 1 and Stage 2 project areas. BSK is available to assist in the submittal of the report to DTSC/Fresno County, ongoing discussions with DTSC/Fresno County, and further investigation of the Subject Property.

7 REFERENCES

American Society for Testing and Materials (ASTM) E1527-21 Standard Practice for Environmental Subject Property Assessments: Phase I Environmental Site Assessment Process, 2023.

CCR, Section 66261.24. Characteristics of Toxicity. Visited February 2025.

DTSC, 2025 EnviroStor Website, http://www.envirostor.dtsc.ca.gov/public/ , visited February 2025.

DTSC, 2022. Human and Ecological Risk Office (HERO) Note 3. DTSC-modified Screening Levels. June 2020, Revised May 2022.

DTSC, 2008. Interim Guidance for Sampling Agricultural Properties (Third Revision). August 7, 2008.

Environmental Data Resources, Inc. (EDR), The Radius Map ™ Report with GeoCheck; February 2025.

EDR, Aerial Photographs; February 2025.

EDR, Historical Topographic Map Report; February 2025.

EDR, The EDR-City Directory Image Reports; February 2025.

EDR, Certified Sanborn® Map Report; February 2025.

Fresno County, 2025. County of Fresno Interactive Zoning Map. https://gisportal.co.fresno.ca.us/portal/apps/webappviewer/index.html?id=b921843d343d4df998b5b3c6a301756a February 2025.

Google Earth 2025; visited February 2025.

Hunter, Davis and Roach, 2005. "Inorganic Chemicals in Ground Water and Soil: Background Concentrations at California Air Force Bases. Presented at: 44th Annual Meeting of the Society of Toxicology, New Orleans, Louisiana, 10 March 2008" March 10.

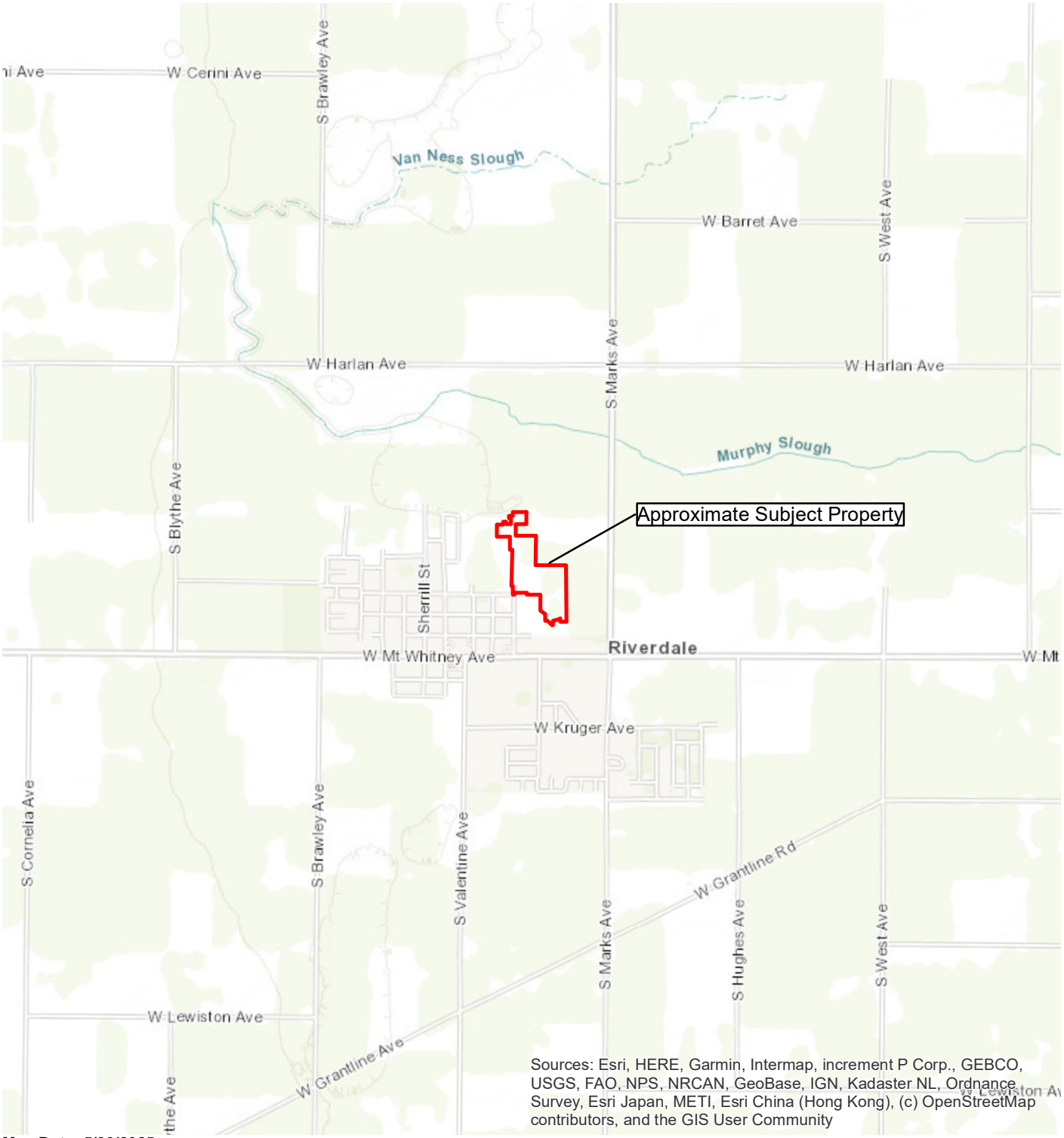
RWQCB, GeoTracker Website, http://www.geotracker.waterboards.ca.gov , visited February 2025.

San Francisco Bay Regional Water Quality Control Board (SFRWQCB, 2019 Rev. 2). *Summary of soil ESLs (mg/kg)*. July 25, 2019.

8 ENVIRONMENTAL PROFESSIONAL STATEMENT AND SIGNATURES

The signatories of this Report declare that to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in §312.10 of 40 CFR 312. We have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the property. We have developed and performed all appropriate inquiries in general conformance with the standards and practices set forth in 40 CFR Part 312. For copies of the resumes of said Environmental Professionals, please refer to Appendix F.

FIGURES



Document Path: J:\Projects\E25000088 Riverdale HS Improvements\Figure 1_Vicinity Map.mxd

Map Date: 5/30/2025
By: KG

Legend

Approximate Subject Property

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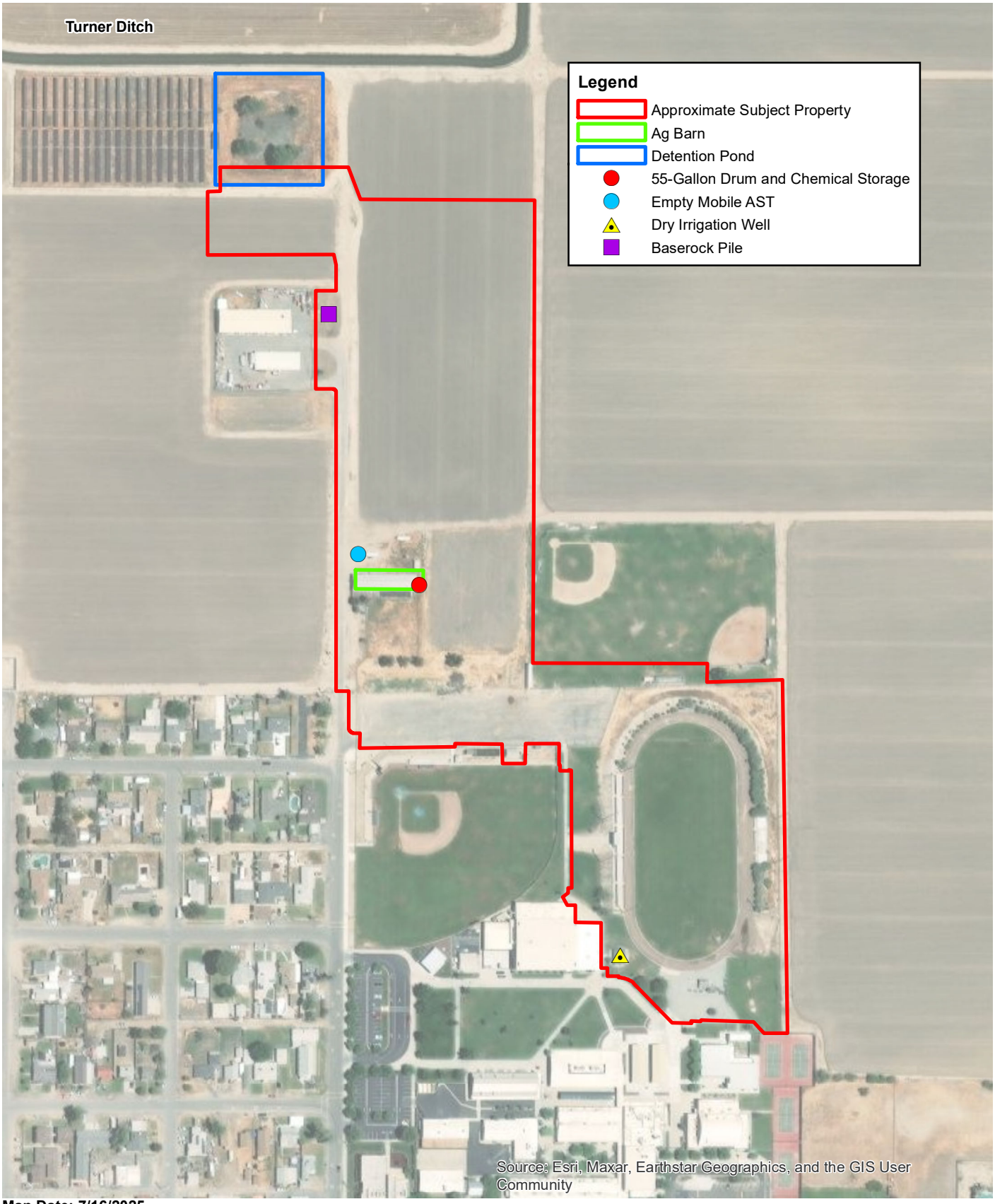
BSK ASSOCIATES

0 0.25 0.5 Miles

Proposed Riverdale High School
Facility Improvements
Fresno County Assessor Parcel Number
053-130-12T & 053-130-82T

Figure 1
Vicinity Map
BSK Project E25000088



Document Path: J:\Projects\E25000088 Riverdale HS Improvements\Figure 2 Subject Property Map.mxd

Map Date: 7/16/2025
By: KG

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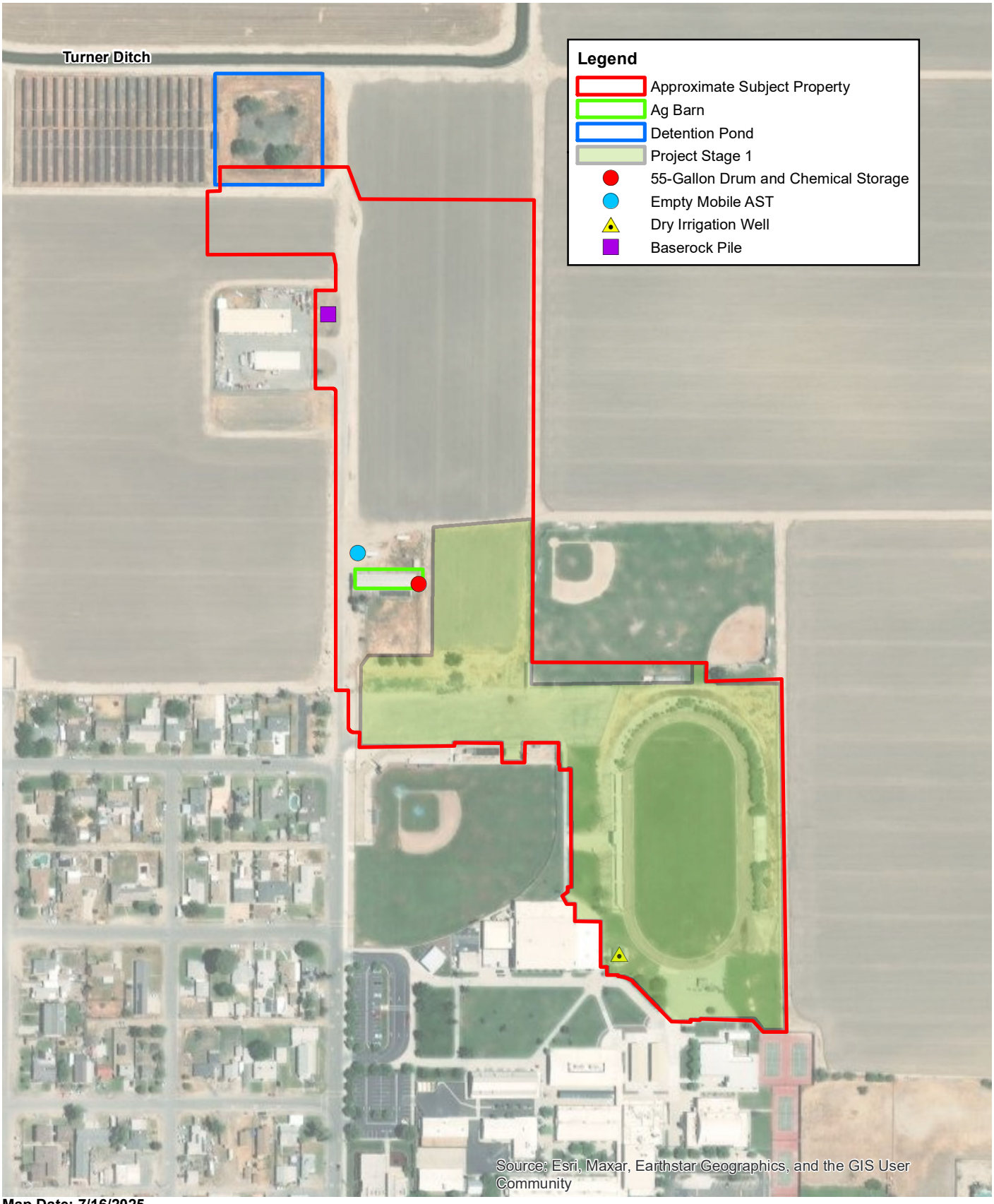
BSK ASSOCIATES

0 75 150 300 Feet

Proposed Riverdale High School
Facility Improvements
Fresno County Assessor Parcel Number
053-130-12T & 053-130-82T

Figure 2
Subject Property Map
BSK Project E25000088



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Map Date: 7/16/2025
By: KG

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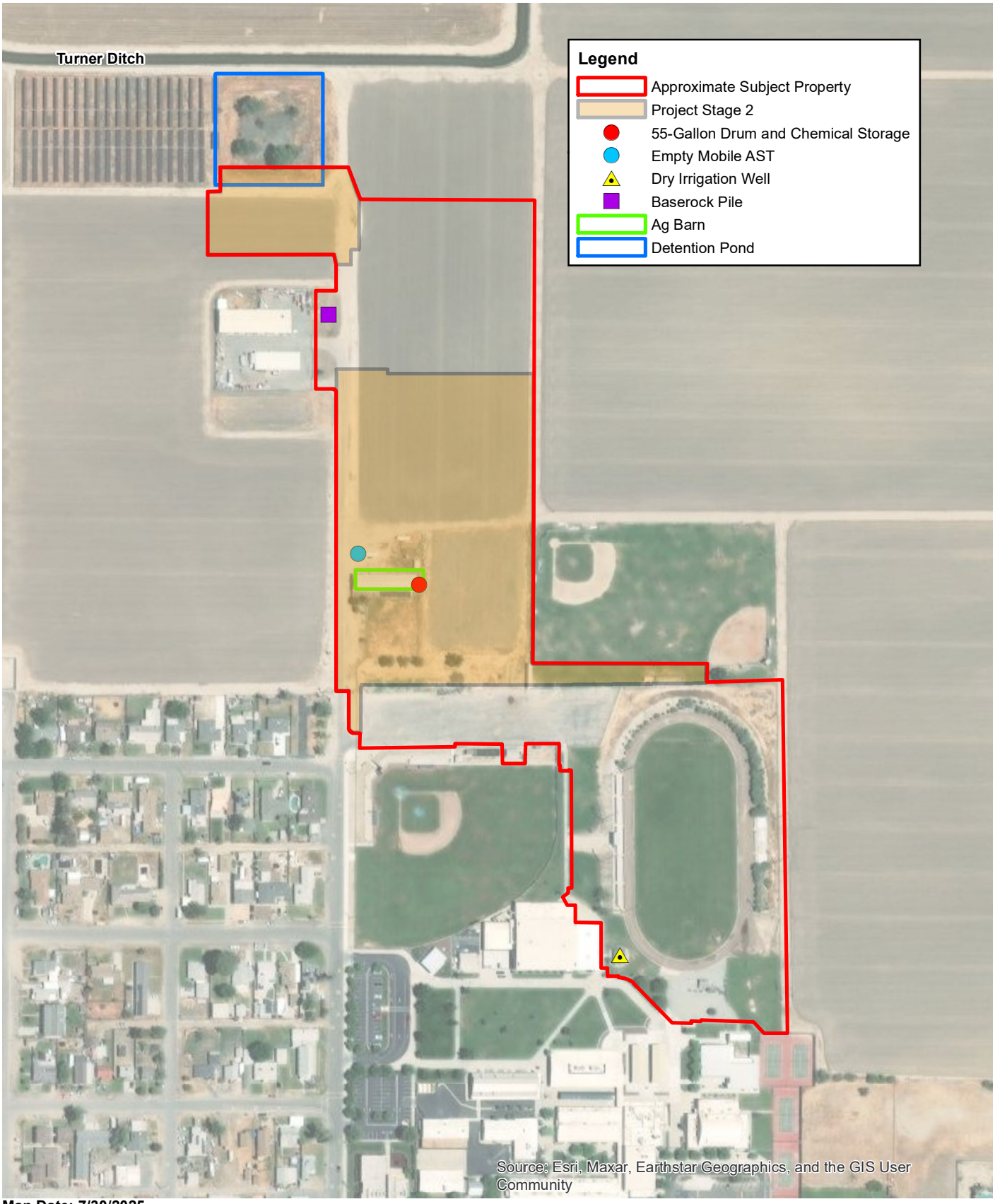
BSK ASSOCIATES

0 75 150 300 Feet

Proposed Riverdale High School
Facility Improvements
Fresno County Assessor Parcel Number
053-130-12T & 053-130-82T

Figure 2A
Subject Property Map - Stage 1
BSK Project E25000088



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Map Date: 7/30/2025
By: KG

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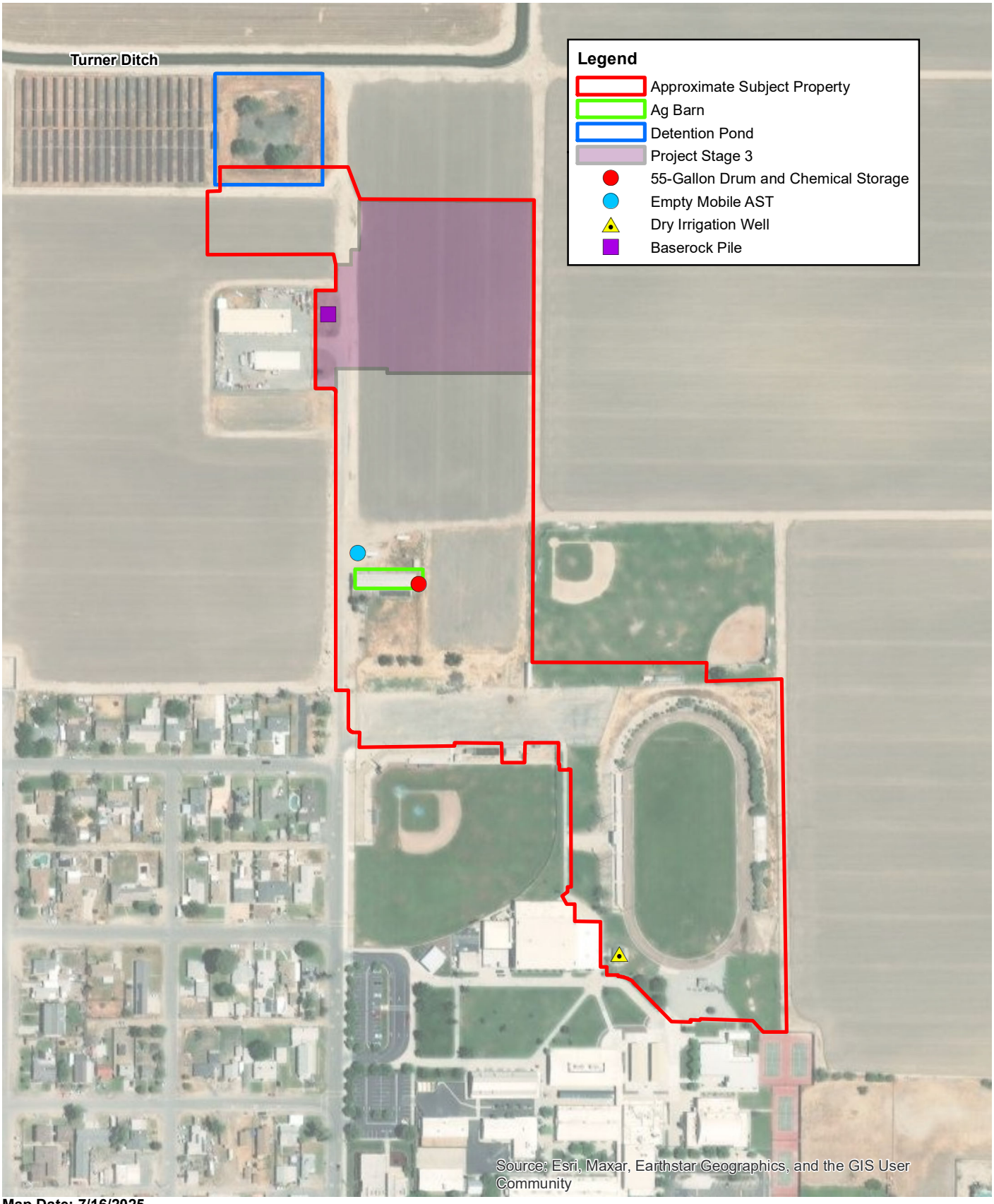
BSK ASSOCIATES

0 75 150 300 Feet

Proposed Riverdale High School
Facility Improvements
Fresno County Assessor Parcel Number
053-130-12T & 053-130-82T

Figure 2B
Subject Property Map - Stage 2
BSK Project E25000088



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Map Date: 7/16/2025
By: KG

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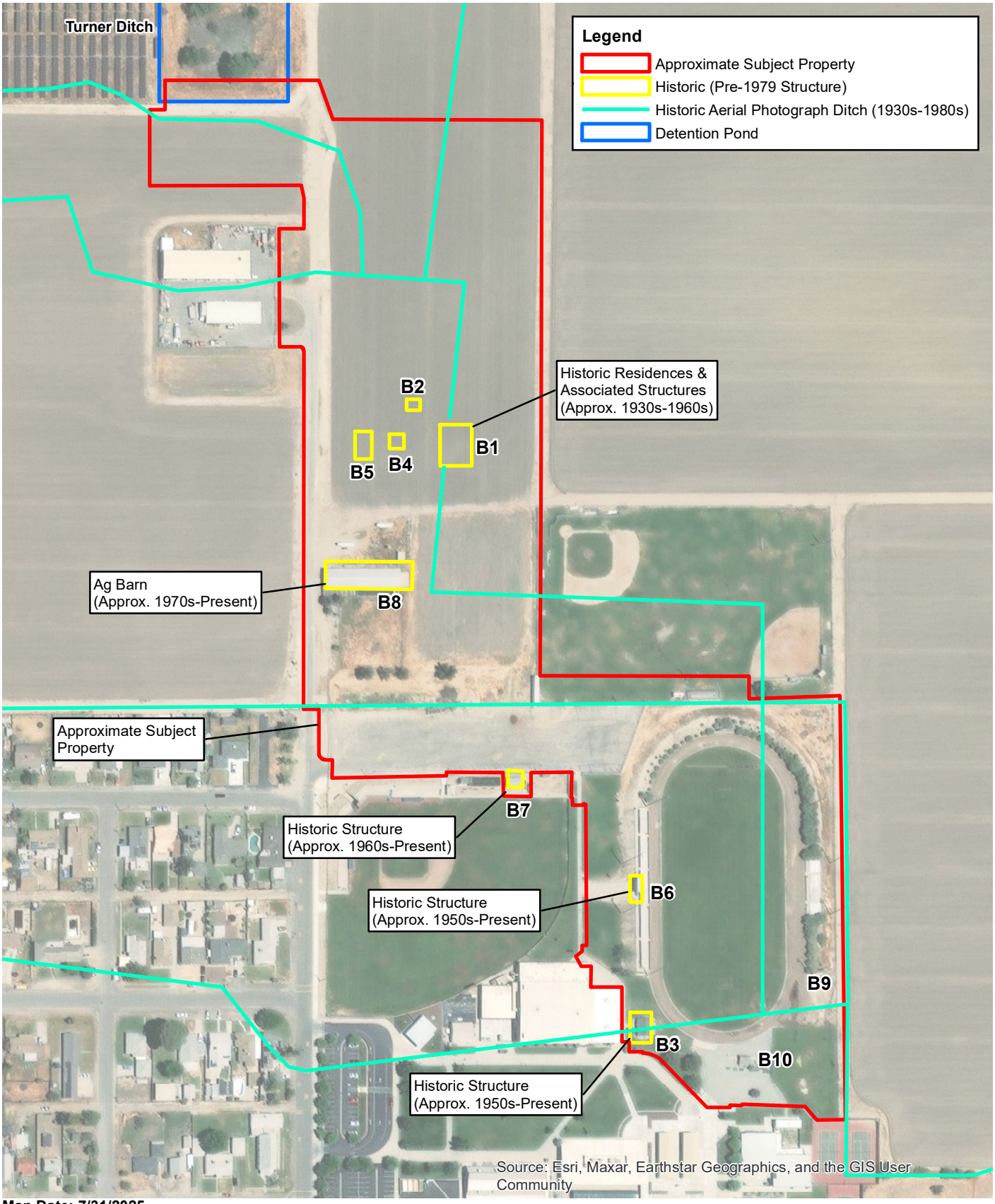
BSK ASSOCIATES

0 75 150 300 Feet

Proposed Riverdale High School
Facility Improvements
Fresno County Assessor Parcel Number
053-130-12T & 053-130-82T

Figure 2C
Subject Property Map - Stage 3
BSK Project E25000088



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Map Date: 7/31/2025
By: KG

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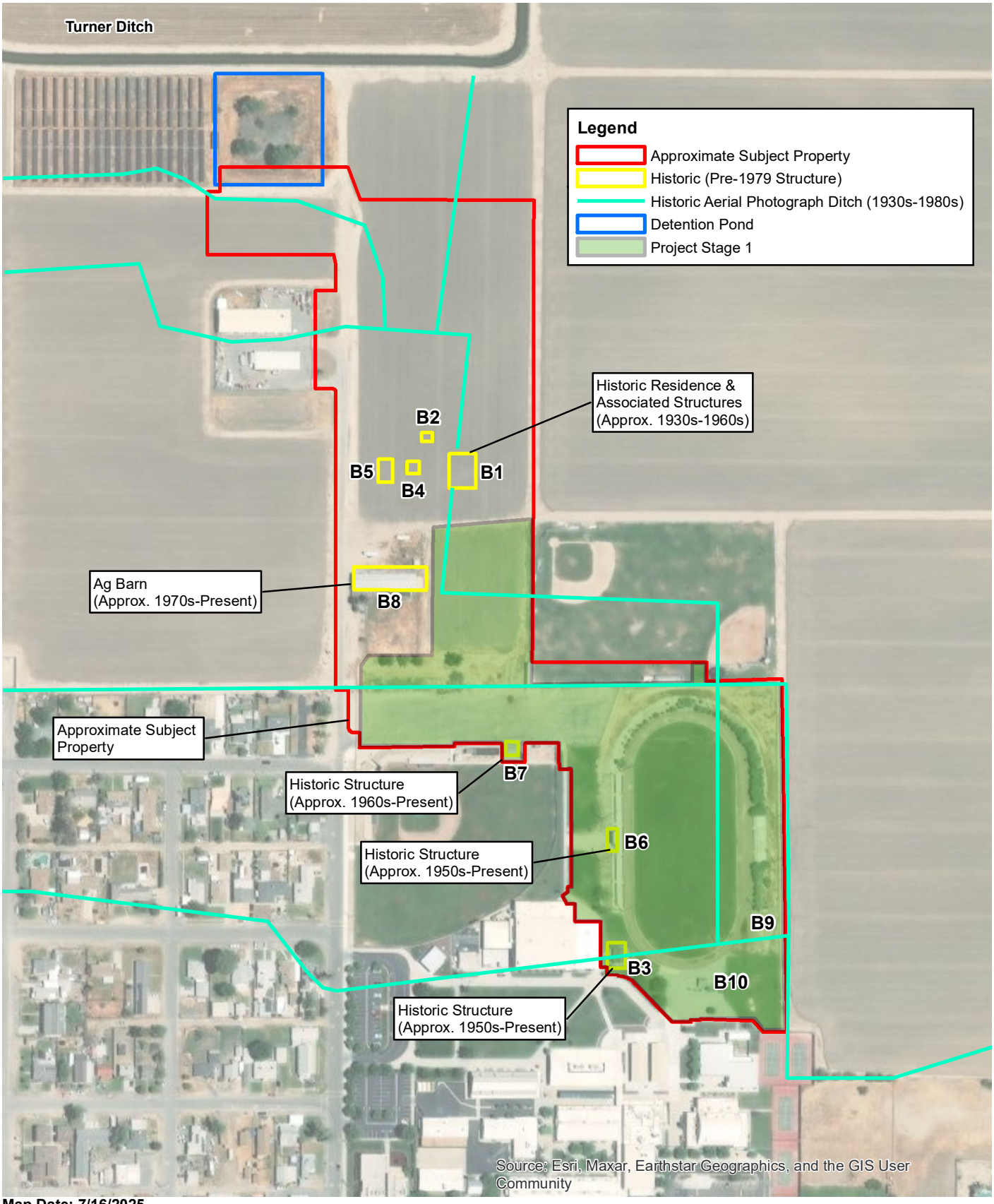
BSK ASSOCIATES

0 125 250 Feet

Proposed Riverdale High School
Facility Improvements
Fresno County Assessor Parcel Number
053-130-12T & 053-130-82T

Figure 3
Historic Detail
BSK Project E25000088



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Map Date: 7/16/2025
By: KG

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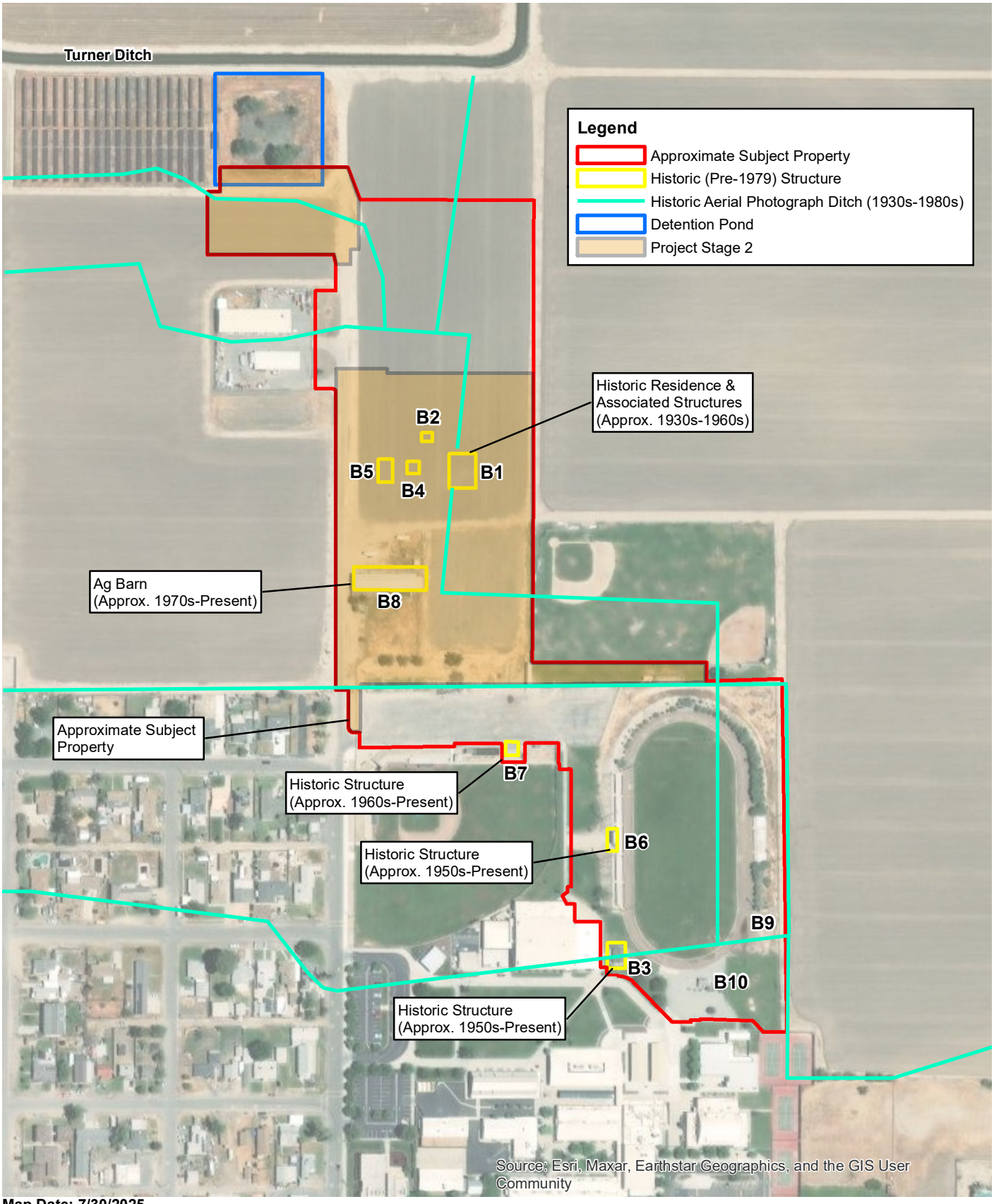
BSK ASSOCIATES

0 150 300 Feet

Proposed Riverdale High School
Facility Improvements
Fresno County Assessor Parcel Number
053-130-12T & 053-130-82T

Figure 3A
Historic Detail - Stage 1
BSK Project E25000088



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Map Date: 7/30/2025
By: KG

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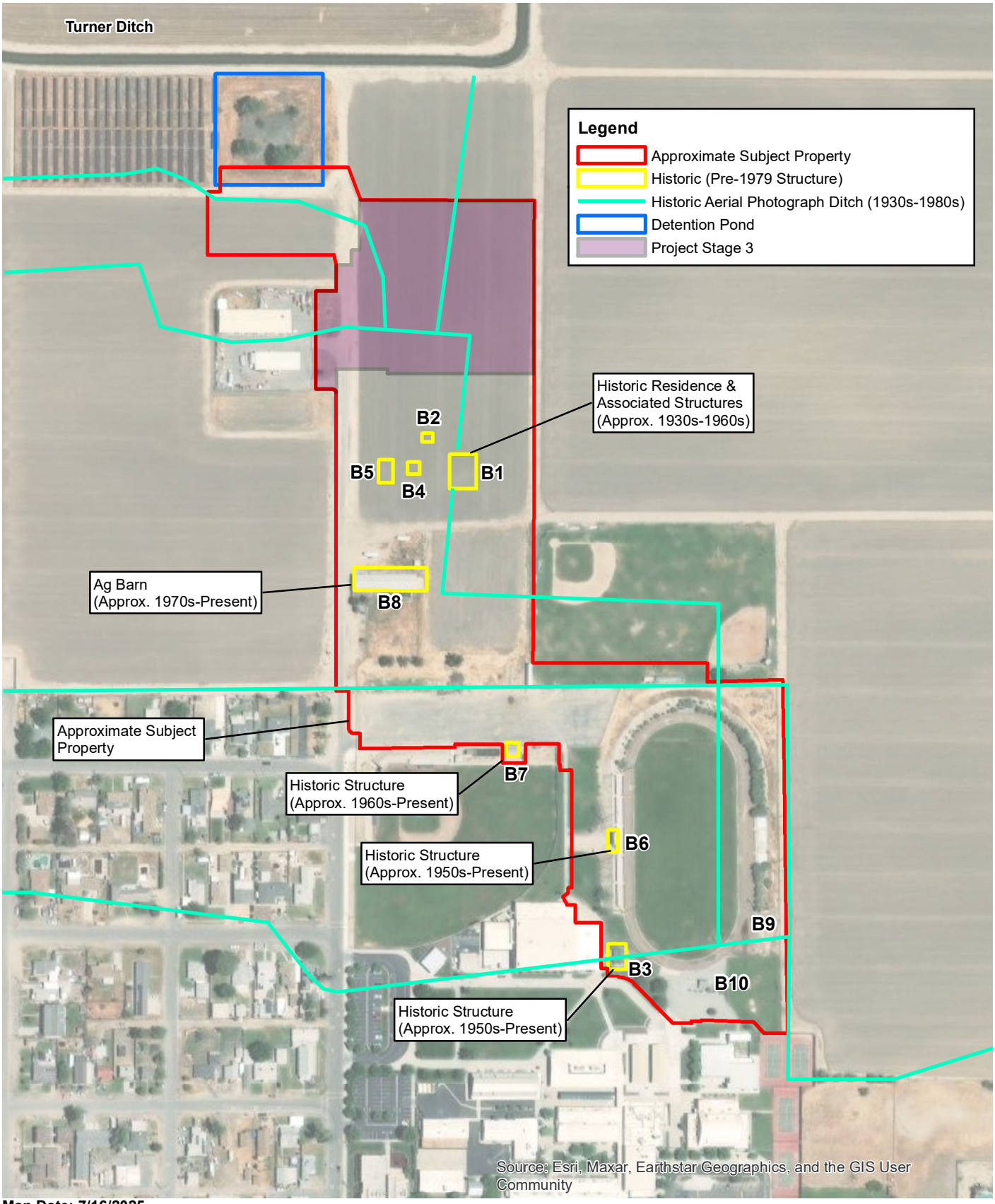
BSK ASSOCIATES

0 150 300 Feet

Proposed Riverdale High School
Facility Improvements
Fresno County Assessor Parcel Number
053-130-12T & 053-130-82T

Figure 3B
Historic Detail - Stage 2
BSK Project E25000088



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Map Date: 7/16/2025
By: KG

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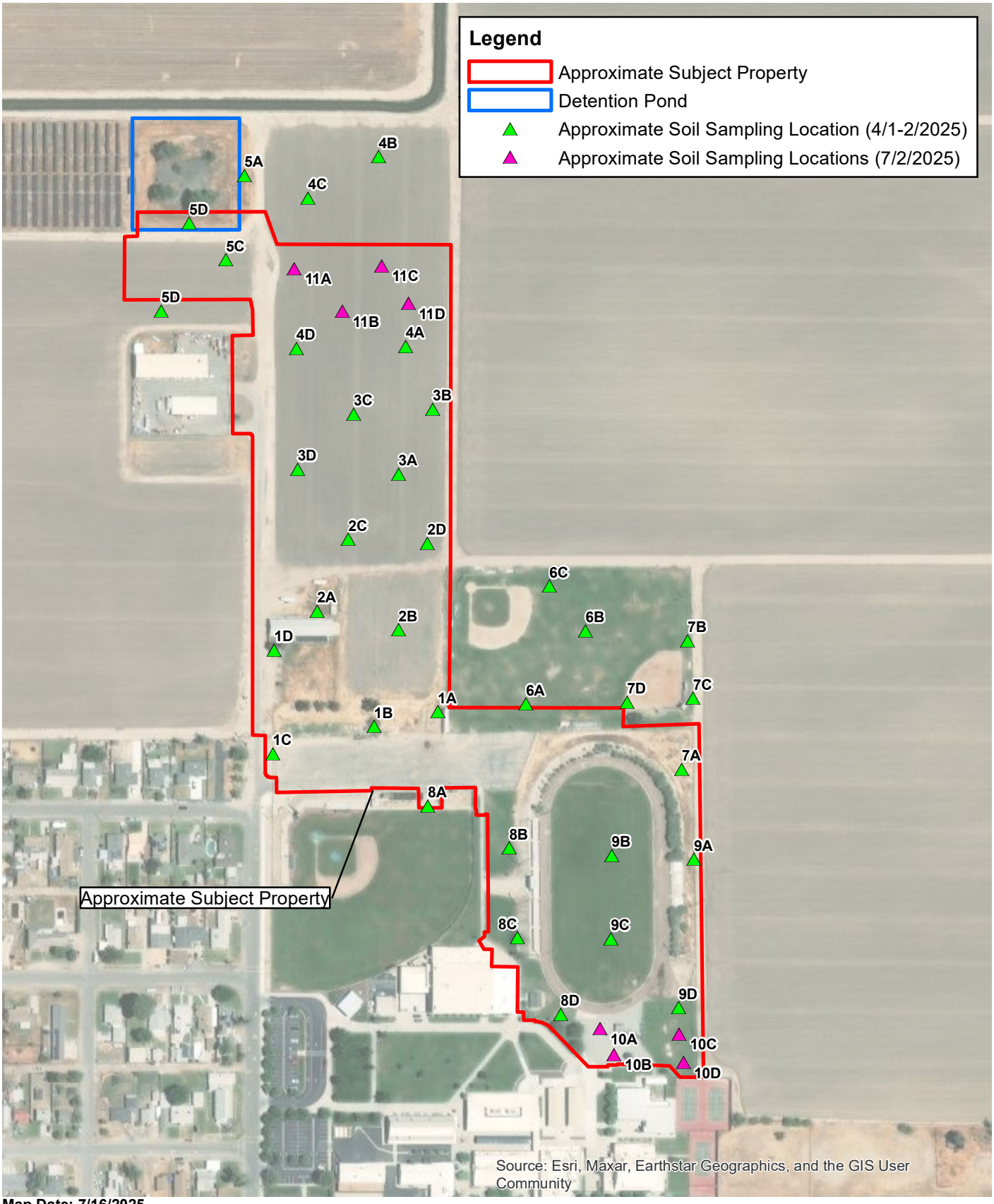
BSK ASSOCIATES

0 150 300 Feet

Proposed Riverdale High School
Facility Improvements
Fresno County Assessor Parcel Number
053-130-12T & 053-130-82T

Figure 3C
Historic Detail - Stage 3
BSK Project E25000088



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Map Date: 7/16/2025
By: KG

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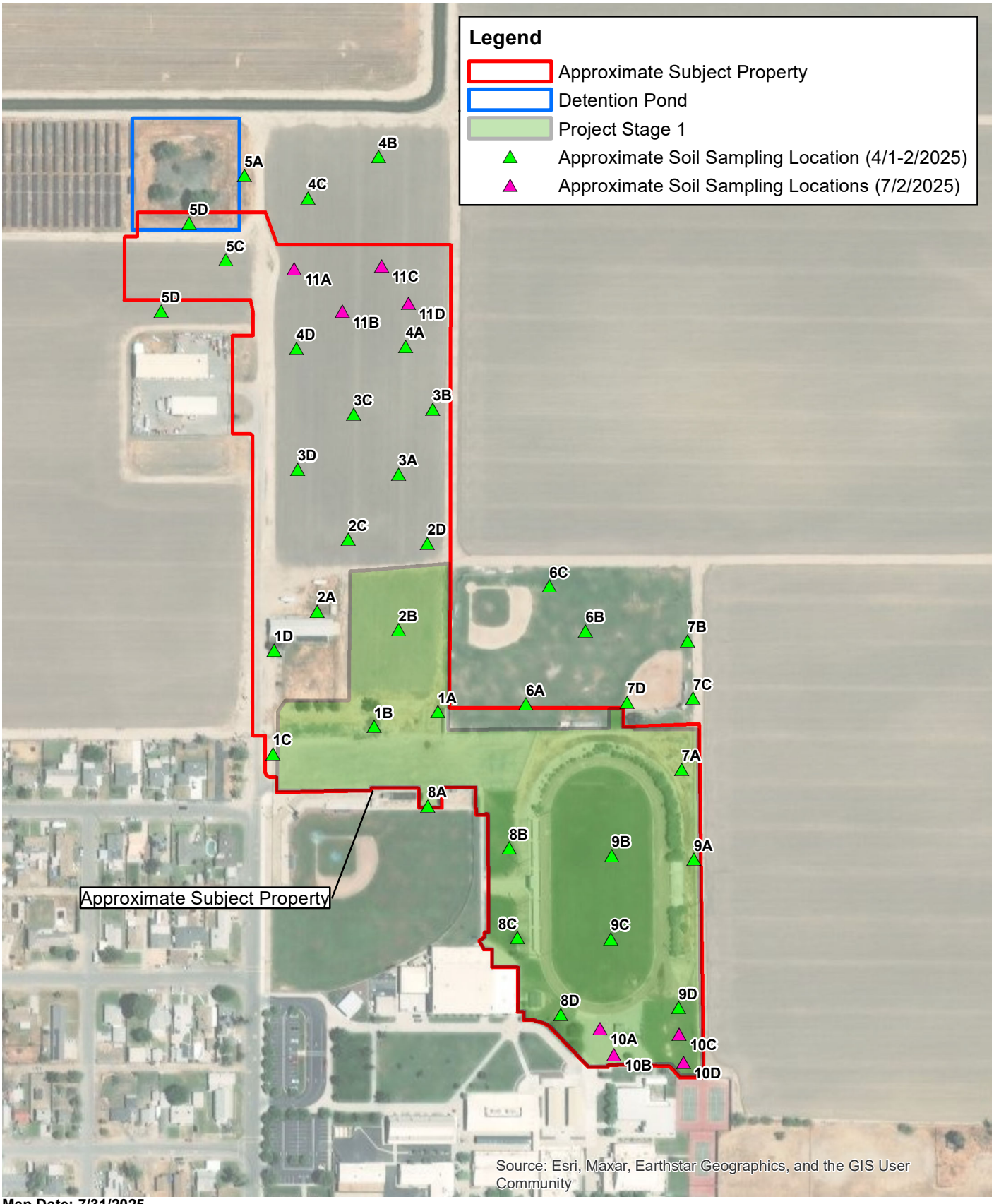
BSK ASSOCIATES

0 75 150 300 Feet

Proposed Riverdale High School
Facility Improvements
Fresno County Assessor Parcel Number
053-130-12T & 053-130-82T

Figure 4
Soil Sampling Map
BSK Project E25000088



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Map Date: 7/31/2025
By: KG

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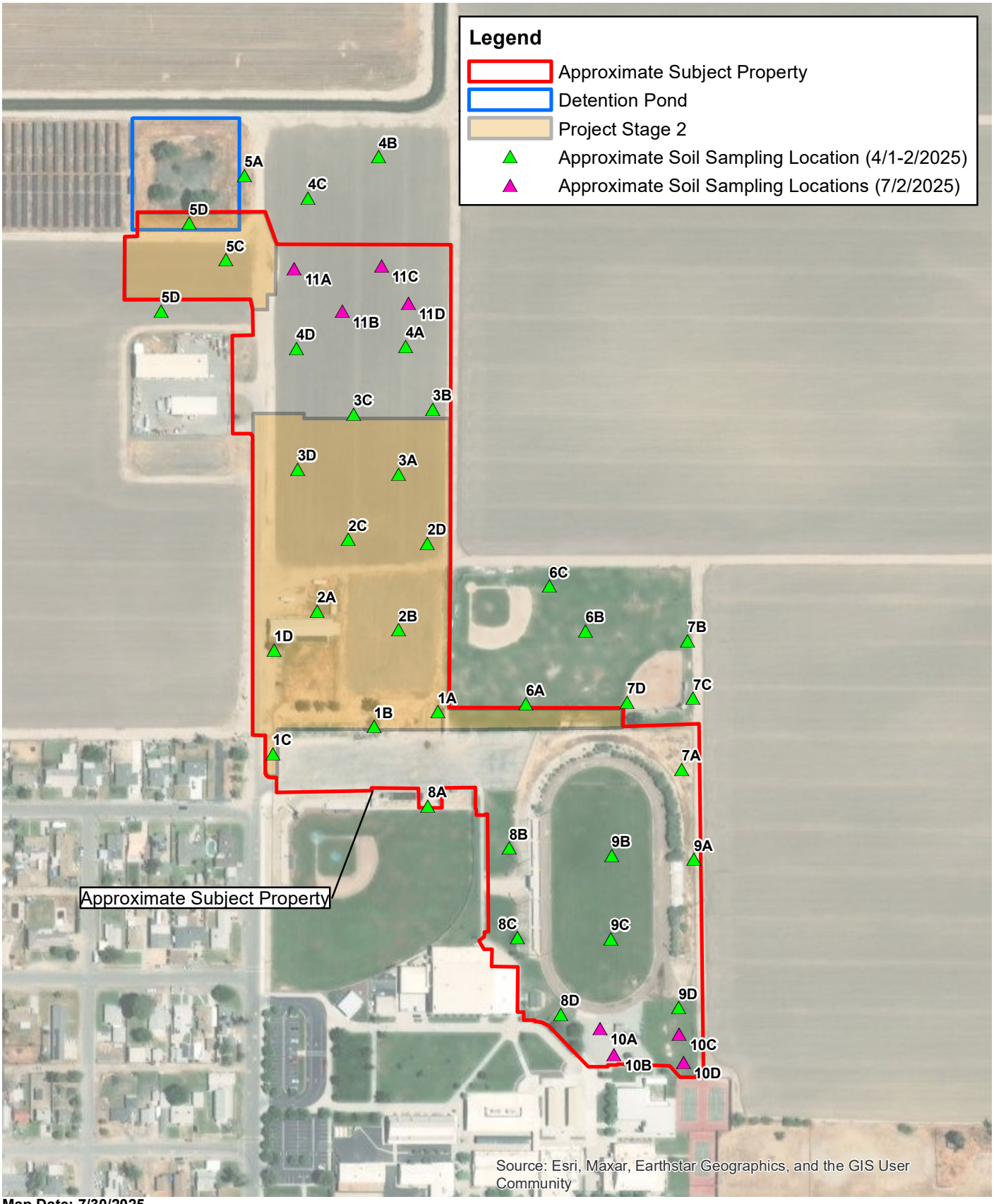
BSK ASSOCIATES

0 75 150 300 Feet

Proposed Riverdale High School
Facility Improvements
Fresno County Assessor Parcel Number
053-130-12T & 053-130-82T

Figure 4A
Soil Sampling Map -
Stage 1
BSK Project E25000088



Document Path: J:\Projects\E25000088 Riverdale HS Improvements\Figure 4B Soil Sampling Map_7_1_2025.mxd

Map Date: 7/30/2025
By: KG

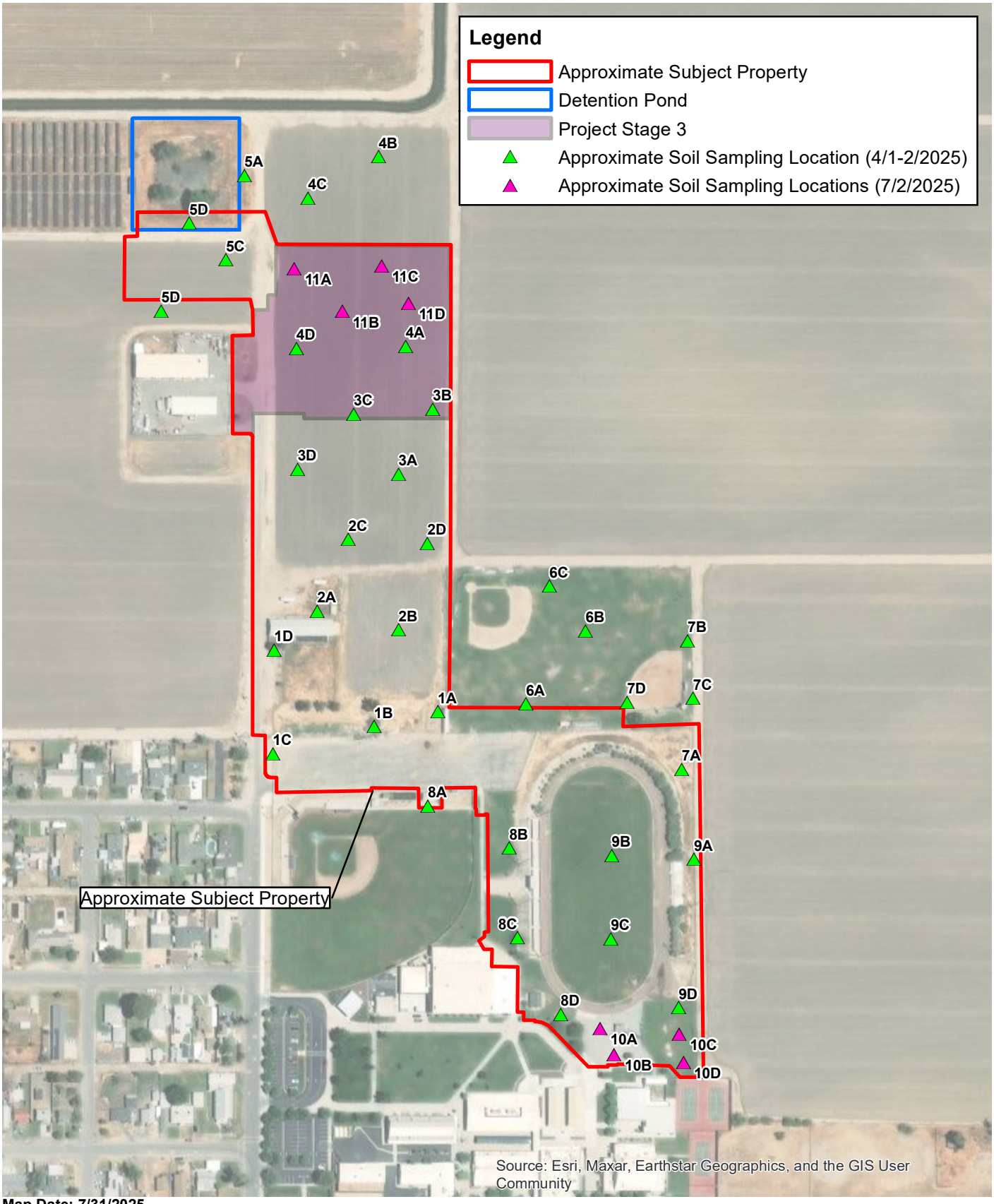
N
W E
S

BSK ASSOCIATES

0 75 150 300 Feet

Proposed Riverdale High School
Facility Improvements
Fresno County Assessor Parcel Number
053-130-12T & 053-130-82T

Figure 4B
Soil Sampling Map -
Stage 2
BSK Project E25000088



Document Path: J:\Projects\E25000088 Riverdale HS Improvements\Figure 4C Soil Sampling Map_7_1_2025.mxd

Map Date: 7/31/2025
By: KG

N
W E
S

BSK ASSOCIATES

0 75 150 300 Feet

Proposed Riverdale High School
Facility Improvements
Fresno County Assessor Parcel Number
053-130-12T & 053-130-82T

Figure 4C
Soil Sampling Map -
Stage 3
BSK Project E25000088

APPENDIX A

Riverdale Phase I
3086 W Mount Whitney Ave
Riverdale, CA 93656

Inquiry Number: 7896275.2s
February 12, 2025

The EDR Radius Map™ Report with GeoCheck®

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E1527 - 21), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E2247 - 16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E1528 - 22) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

3086 W MOUNT WHITNEY AVE
RIVERDALE, CA 93656

COORDINATES

Latitude (North):	36.4346660 - 36° 26' 4.79''
Longitude (West):	119.8556180 - 119° 51' 20.22''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	244012.1
UTM Y (Meters):	4035749.8
Elevation:	223 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map:	50003631 RIVERDALE, CA
Version Date:	2021
West Map:	50003552 BURREL, CA
Version Date:	2021

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from:	20200704
Source:	USDA

MAPPED SITES SUMMARY

Target Property Address:
3086 W MOUNT WHITNEY AVE
RIVERDALE, CA 93656

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	RIVERDALE JOINT UNIF	3086 W MOUNT WHITNEY	HWTS		TP
A2	RIVERDALE JOINT UNIF	3086 W. MT WHITNEY	RCRA NonGen / NLR, E MANIFEST		TP
A3	RIVERDALE HIGH SCHOO	3086 W MT WHITNEY	FINDS, ECHO		TP
A4	RIVERDALE JUSD HIGH	3086 W MT WHITNEY AV	CIWQS		TP
A5	RIVERDALE HIGH SCHOO	3086 W MOUNT WHITNEY	CERS HAZ WASTE, CUPA Listings, CERS		TP
A6	RIVERDALE HIGH SCHOO	3086 W MT WHITNEY	HWTS, HAZNET		TP
A7	RIVERDALE HIGH SCHOO	3086 W MT WHITNEY	SWEEPS UST, CA FID UST		TP
A8	RIVERDALE JOINT UNIO	3086 W MT WHITNEY	FTTS		TP
A9	RIVERWEST LEVELING I	3086 W MT WHITNEY	FINDS		TP
A10	RIVERDALE HIGH SCHOO	3086 W MOUNT WHITNEY	FINDS		TP
A11	RIVERDALE JOINT UNIO	3086 W MT WHITNEY	HIST FTTS		TP
12	HAZEL AVENUE ELEMENT	NORTHWEST OF HAZEL A	ENVIROSTOR, SCH	Lower	42, 0.008, NW
B13	JOE M COELHI	3233 STATHEM STREET	HIST UST	Higher	153, 0.029, WSW
B14	JOE M. COELHI	3233 STATHEM ST	SWEEPS UST, CA FID UST	Higher	153, 0.029, WSW
15	RIVERDALE MEMORIAL D	3085 W MOUNT WHITNEY	CUPA Listings	Higher	604, 0.114, South
C16	SOUTHWEST TRANSPORTA	20900 HAZEL AVE	CA FID UST	Higher	636, 0.120, SSW
C17	SOUTHWEST TRANSPORTA	20900 S HAZEL AVE	SWEEPS UST	Higher	636, 0.120, SSW
C18	SOUTHWEST TRANSPORTA	20900 S HAZEL ST	CUPA Listings	Higher	636, 0.120, SSW
19	DIOCESE OF FRESNO	3047 W. MOUNT WITNEY	RCRA NonGen / NLR	Higher	664, 0.126, SSE
D20	COELHO FARMS	3150 W MT WHITNEY	SWEEPS UST, CA FID UST, CUPA Listings	Higher	665, 0.126, South
D21	TANK CLEANUP @ RIVER	3150 MT WHITNEY	HIST CORTESE	Higher	665, 0.126, South
C22	RIVERDALE ICE	20924 HAZEL ST	SWEEPS UST, CA FID UST	Higher	676, 0.128, SSW
C23	THE CORRAL	20924 HAZEL	CUPA Listings	Higher	676, 0.128, SSW
D24	CARREIROS UNION	3164 W MT WHITNEY	HIST UST	Higher	690, 0.131, South
D25	AUSTIN PETROLEUM CO	3164 W MOUNT WHITNEY	SWEEPS UST, CA FID UST, CUPA Listings	Higher	690, 0.131, South
26	RIVERDALE PUD - VALE	S VALENTINE AVE	CUPA Listings	Higher	727, 0.138, West
C27	GET 'N GO 9927	3210 MT WHITNEY	UST	Higher	850, 0.161, SSW
C28	FASTRIP GASOLINE #92	3210 W MOUNT WHITNEY	UST	Higher	850, 0.161, SSW
C29	GET 'N GO 9927	3210 MT WHITNEY	CERS HAZ WASTE, CERS TANKS, CERS	Higher	850, 0.161, SSW
C30	FASTRIP OIL COMPANY	3210 MOUNT WHITNEY	RCRA NonGen / NLR, E MANIFEST	Higher	850, 0.161, SSW
C31	CIRCLE K STORE #1331	3210 W MT WHITNEY AV	SWEEPS UST, HIST UST, CA FID UST, RCRA NonGen /...	Higher	850, 0.161, SSW
C32	GET 'N GO 9927	3210 MT WHITNEY	UST FINDER	Higher	850, 0.161, SSW
33	COUNTY OF FRESNO	3296 W. MT WHITNEY A	RCRA NonGen / NLR, E MANIFEST	Higher	924, 0.175, SSW
E34	RIVERDALE PUBLIC UTI	20945 HASLAM ST	SWEEPS UST, CA FID UST, CUPA Listings, HWTS,...	Higher	1015, 0.192, SW
E35	RIVERDALE PUBLIC UTI	20945 HASLAM STREET	HIST UST	Higher	1015, 0.192, SW
F36	D&D CHEVRON	3410 W MOUNT WHITNEY	CUPA Listings	Higher	1254, 0.237, SW
F37	CASMEROS CHEV SERV	3410 MT WHITNEY AVE	HIST UST	Higher	1254, 0.237, SW
F38	D & D CHEVRON/JOHN D	3410 W MOUNT WHITNEY	SWEEPS UST, CA FID UST	Higher	1254, 0.237, SW
F39	TORONJITA TIRES	3410 W MOUNT WHITNEY	CUPA Listings	Higher	1254, 0.237, SW

MAPPED SITES SUMMARY

Target Property Address:
3086 W MOUNT WHITNEY AVE
RIVERDALE, CA 93656

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
F40	D & D CHEVRON	3410 MT WHITNEY	LUST, Cortese, HIST CORTESE, CERS	Higher	1254, 0.237, SW
F41	D & D CHEVRON	3410 MT WHITNEY W	UST FINDER RELEASE	Higher	1392, 0.264, SW
G42	MC LEOD FORD INC	3415 W MT WHITNEY AV	RCRA-SQG, CERS HAZ WASTE, SWEEPS UST, CA FID UST,...	Higher	1495, 0.283, SW
G43	MCLEOD FORD	3415 MT WHITNEY	LUST, Cortese, CERS	Higher	1495, 0.283, SW
G44	MCLEOD FORD	3415 MT WHITNEY	UST FINDER RELEASE	Higher	1495, 0.283, SW
H45	TEXACO STAR MART #8	3610 MT WHITNEY W	LUST, Cortese, HIST CORTESE, CERS	Higher	2000, 0.379, WSW
H46	TEXACO STAR MART #8	3610 MT WHITNEY W	UST FINDER RELEASE	Higher	2038, 0.386, WSW
H47	BROWN FEED & SEED, I	21053 SHERRILL	LUST, Cortese, HIST CORTESE, CERS	Higher	2276, 0.431, WSW
H48	BROWN FEED & SEED, I	21053 SHERRILL S	UST FINDER RELEASE	Higher	2276, 0.431, WSW
49	A 1 RECYCLING	21282 S MARKS AVE	SWRCY	Higher	2302, 0.436, SSE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 9 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
RIVERDALE JOINT UNIF 3086 W MOUNT WHITNEY RIVERDALE, CA 93656	HWTS	N/A
RIVERDALE JOINT UNIF 3086 W. MT WHITNEY RIVERDALE, CA 93656	RCRA NonGen / NLR EPA ID:: CAL000213271 E MANIFEST	CAL000213271
RIVERDALE HIGH SCHOO 3086 W MT WHITNEY RIVERDALE, CA 93656	FINDS Registry ID:: 110070452279 ECHO Registry ID: 110070452279 Registry ID: 110011552578	N/A
RIVERDALE JUSD HIGH 3086 W MT WHITNEY AV RIVERDALE, CA 93656	CIWQS	N/A
RIVERDALE HIGH SCHOO 3086 W MOUNT WHITNEY RIVERDALE, CA 93656	CERS HAZ WASTE CUPA Listings Database: CUPA FRESNO, Date of Government Version: 06/28/2021 Facility Id: FA0002115 CERS	N/A
RIVERDALE HIGH SCHOO 3086 W MT WHITNEY RIVERDALE, CA 93656	HWTS HAZNET GEPAID: CAL000213271	N/A
RIVERDALE HIGH SCHOO 3086 W MT WHITNEY RIVERDALE, CA 93656	SWEEPS UST Status: A Tank Status: A Comp Number: 358 CA FID UST Facility Id: 10000693 Status: A	N/A
RIVERDALE JOINT UNIO 3086 W MT WHITNEY RIVERDALE, CA 93656	FTTS Database: FTTS INSP, Date of Government Version: 04/09/2009	N/A
RIVERWEST LEVELING I 3086 W MT WHITNEY RIVERDALE, CA 93656	FINDS	N/A

EXECUTIVE SUMMARY

Registry ID:: 110011552578

RIVERDALE HIGH SCHOO 3086 W MOUNT WHITNEY RIVERDALE, CA 93656	FINDS Registry ID:: 110066081162	N/A
RIVERDALE JOINT UNIO 3086 W MT WHITNEY RIVERDALE, CA 93656	HIST FTTS Database: HIST FTTS INSP, Date of Government Version: 10/19/2006	N/A

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL ---------- National Priority List
Proposed NPL ---------- Proposed National Priority List Sites
NPL LIENS ---------- Federal Superfund Liens

Lists of Federal Delisted NPL sites

Delisted NPL ---------- National Priority List Deletions

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY ---------- Federal Facility Site Information listing
SEMS ---------- Superfund Enterprise Management System

Lists of Federal CERCLA sites with NFRAP

SEMS-ARCHIVE ---------- Superfund Enterprise Management System Archive

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS ---------- Corrective Action Report

Lists of Federal RCRA TSD facilities

RCRA-TSDF ---------- RCRA - Treatment, Storage and Disposal

EXECUTIVE SUMMARY

Lists of Federal RCRA generators

RCRA-LQG ..... RCRA - Large Quantity Generators
RCRA-SQG ..... RCRA - Small Quantity Generators
RCRA-VSQG ..... RCRA - Very Small Quantity Generators (Formerly Conditionally Exempt Small Quantity Generators)

Federal institutional controls / engineering controls registries

LUCIS ..... Land Use Control Information System
US ENG CONTROLS ..... Engineering Controls Sites List
US INST CONTROLS ..... Institutional Controls Sites List

Federal ERNS list

ERNS ..... Emergency Response Notification System

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE ..... State Response Sites

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF ..... Solid Waste Information System

Lists of state and tribal leaking storage tanks

INDIAN LUST ..... Leaking Underground Storage Tanks on Indian Land
CPS-SLIC ..... Statewide SLIC Cases

Lists of state and tribal registered storage tanks

FEMA UST ..... Underground Storage Tank Listing
AST ..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST ..... Underground Storage Tanks on Indian Land

Lists of state and tribal voluntary cleanup sites

INDIAN VCP ..... Voluntary Cleanup Priority Listing
VCP ..... Voluntary Cleanup Program Properties

Lists of state and tribal brownfield sites

BROWNFIELDS ..... Considered Brownfieds Sites Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS ..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT ..... Waste Management Unit Database

HAULERS ---- Registered Waste Tire Haulers Listing
INDIAN ODI ---- Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9 ---- Torres Martinez Reservation Illegal Dump Site Locations
ODI ---- Open Dump Inventory
IHS OPEN DUMPS ---- Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL ---- Delisted National Clandestine Laboratory Register
HIST Cal-Sites ---- Historical Calsites Database
CDL ---- Clandestine Drug Labs
Toxic Pits ---- Toxic Pits Cleanup Act Sites
US CDL ---- National Clandestine Laboratory Register

Local Land Records

LIENS ---- Environmental Liens Listing
LIENS 2 ---- CERCLA Lien Information
DEED ---- Deed Restriction Listing

Records of Emergency Release Reports

HMIRS ---- Hazardous Materials Information Reporting System
CHMIRS ---- California Hazardous Material Incident Report System
LDS ---- Land Disposal Sites Listing
MCS ---- Military Cleanup Sites Listing
SPILLS 90 ---- SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS ---- Formerly Used Defense Sites
DOD ---- Department of Defense Sites
SCRD DRYCLEANERS ---- State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR ---- Financial Assurance Information
EPA WATCH LIST ---- EPA WATCH LIST
2020 COR ACTION ---- 2020 Corrective Action Program List
TSCA ---- Toxic Substances Control Act
TRIS ---- Toxic Chemical Release Inventory System
SSTS ---- Section 7 Tracking Systems
ROD ---- Records Of Decision
RMP ---- Risk Management Plans
RAATS ---- RCRA Administrative Action Tracking System
PRP ---- Potentially Responsible Parties
PADS ---- PCB Activity Database System
ICIS ---- Integrated Compliance Information System
MLTS ---- Material Licensing Tracking System
COAL ASH DOE ---- Steam-Electric Plant Operation Data
COAL ASH EPA ---- Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER ---- PCB Transformer Registration Database
RADINFO ---- Radiation Information Database
DOT OPS ---- Incident and Accident Data
CONSENT ---- Superfund (CERCLA) Consent Decrees
INDIAN RESERV ---- Indian Reservations
FUSRAP ---- Formerly Utilized Sites Remedial Action Program
UMTRA ---- Uranium Mill Tailings Sites

LEAD SMELTERS ---- Lead Smelter Sites
US AIRS ---- Aerometric Information Retrieval System Facility Subsystem
US MINES ---- Mines Master Index File
ABANDONED MINES ---- Abandoned Mines
MINES MRDS ---- Mineral Resources Data System
UXO ---- Unexploded Ordnance Sites
DOCKET HWC ---- Hazardous Waste Compliance Docket Listing
FUELS PROGRAM ---- EPA Fuels Program Registered Listing
PFAS NPL ---- Superfund Sites with PFAS Detections Information
PFAS FEDERAL SITES ---- Federal Sites PFAS Information
PFAS TSCA ---- PFAS Manufacture and Imports Information
PFAS TRIS ---- List of PFAS Added to the TRI
PFAS RCRA MANIFEST ---- PFAS Transfers Identified In the RCRA Database Listing
PFAS ATSDR ---- PFAS Contamination Site Location Listing
PFAS WQP ---- Ambient Environmental Sampling for PFAS
PFAS PROJECT ---- NORTHEASTERN UNIVERSITY PFAS PROJECT
PFAS NPDES ---- Clean Water Act Discharge Monitoring Information
PFAS ECHO ---- Facilities in Industries that May Be Handling PFAS Listing
PFAS ECHO FIRE TRAIN ---- Facilities in Industries that May Be Handling PFAS Listing
PFAS PT 139 AIRPORT ---- All Certified Part 139 Airports PFAS Information Listing
AQUEOUS FOAM NRC ---- Aqueous Foam Related Incidents Listing
BIOSOLIDS ---- ICIS-NPDES Biosolids Facility Data
PFAS ---- PFAS Investigation Site Location Listing
AQUEOUS FOAM ---- Former Fire Training Facility Assessments Listing
CA BOND EXP. PLAN ---- Bond Expenditure Plan
CHROME PLATING ---- Chrome Plating Facilities Listing
DRYCLEANERS ---- Cleaner Facilities
EMI ---- Emissions Inventory Data
ENF ---- Enforcement Action Listing
Financial Assurance ---- Financial Assurance Information Listing
ICE ---- Inspection, Compliance and Enforcement
HWP ---- EnviroStor Permitted Facilities Listing
HWT ---- Registered Hazardous Waste Transporter Database
MINES ---- Mines Site Location Listing
MWMP ---- Medical Waste Management Program Listing
NPDES ---- NPDES Permits Listing
PEST LIC ---- Pesticide Regulation Licenses Listing
PROC ---- Certified Processors Database
Notify 65 ---- Proposition 65 Records
HAZMAT ---- Hazardous Material Facilities
UIC ---- UIC Listing
UIC GEO ---- UIC GEO (GEOTRACKER)
WASTEWATER PITS ---- Oil Wastewater Pits Listing
WDS ---- Waste Discharge System
WIP ---- Well Investigation Program Case List
MILITARY PRIV SITES ---- MILITARY PRIV SITES (GEOTRACKER)
PROJECT ---- PROJECT (GEOTRACKER)
WDR ---- Waste Discharge Requirements Listing
NON-CASE INFO ---- NON-CASE INFO (GEOTRACKER)
OTHER OIL GAS ---- OTHER OIL & GAS (GEOTRACKER)
PROD WATER PONDS ---- PROD WATER PONDS (GEOTRACKER)
SAMPLING POINT ---- SAMPLING POINT (GEOTRACKER)
WELL STIM PROJ ---- Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP ---- EDR Proprietary Manufactured Gas Plants

EXECUTIVE SUMMARY

EDR Hist Auto---------- EDR Exclusive Historical Auto Stations
EDR Hist Cleaner---------- EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF---------- Recovered Government Archive Solid Waste Facilities List
RGA LUST---------- Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.
Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: 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.

A review of the ENVIROSTOR list, as provided by EDR, and dated 10/21/2024 has revealed that there is 1 ENVIROSTOR site within approximately 1 mile of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HAZEL AVENUE ELEMENT	***NORTHWEST OF HAZEL A***	***NW 0 - 1/8 (0.008 mi.)***	***12***	***79***
Facility Id: 70000114				
Status: No Further Action				

EXECUTIVE SUMMARY

Lists of state and tribal leaking storage tanks

LUST: 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.

A review of the LUST list, as provided by EDR, has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
D & D CHEVRON	***3410 MT WHITNEY***	***SW 1/8 - 1/4 (0.237 mi.)***	***F40***	***128***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Database: LUST, Date of Government Version: 08/28/2024				
Status: Completed - Case Closed				
Status: Case Closed				
Global Id: T0601900290				
MCLEOD FORD	***3415 MT WHITNEY***	***SW 1/4 - 1/2 (0.283 mi.)***	***G43***	***141***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Database: LUST, Date of Government Version: 08/28/2024				
Status: Completed - Case Closed				
Status: Pollution Characterization				
Global Id: T0601900575				
TEXACO STAR MART #8	***3610 MT WHITNEY W***	***WSW 1/4 - 1/2 (0.379 mi.)***	***H45***	***145***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Database: LUST, Date of Government Version: 08/28/2024				
Status: Completed - Case Closed				
Status: Pollution Characterization				
Global Id: T0601900595				
BROWN FEED & SEED, I	***21053 SHERRILL***	***WSW 1/4 - 1/2 (0.431 mi.)***	***H47***	***150***
Database: LUST REG 5, Date of Government Version: 07/01/2008				
Database: LUST, Date of Government Version: 08/28/2024				
Status: Completed - Case Closed				
Status: Case Closed				
Global Id: T0601900043				

Lists of state and tribal registered storage tanks

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the UST list, as provided by EDR, has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GET 'N GO 9927	3210 MT WHITNEY	SSW 1/8 - 1/4 (0.161 mi.)	C27	94
Database: UST, Date of Government Version: 08/28/2024				
Facility Id: FA0004631				
FASTRIP GASOLINE #92	3210 W MOUNT WHITNEY	SSW 1/8 - 1/4 (0.161 mi.)	C28	96
Database: UST, Date of Government Version: 08/28/2024				

EXECUTIVE SUMMARY

Facility Id: FA0004631

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY: A listing of recycling facilities in California.

A review of the SWRCY list, as provided by EDR, and dated 08/28/2024 has revealed that there is 1 SWRCY site within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
A 1 RECYCLING Cert Id: RC6337	21282 S MARKS AVE	SSE 1/4 - 1/2 (0.436 mi.)	49	154

Local Lists of Hazardous waste / Contaminated Sites

SCH: 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.

A review of the SCH list, as provided by EDR, and dated 10/21/2024 has revealed that there is 1 SCH site within approximately 0.25 miles of the target property.

Lower Elevation	Address	Direction / Distance	Map ID	Page
HAZEL AVENUE ELEMENT Facility Id: 70000114 Status: No Further Action	***NORTHWEST OF HAZEL A***	***NW 0 - 1/8 (0.008 mi.)***	***12***	***79***

CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CERS HAZ WASTE list, as provided by EDR, and dated 10/15/2024 has revealed that there is 1 CERS HAZ WASTE site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GET 'N GO 9927	***3210 MT WHITNEY***	***SSW 1/8 - 1/4 (0.161 mi.)***	***C29***	***97***

Local Lists of Registered Storage Tanks

SWEEPS UST: 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.

A review of the SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 8 SWEEPS UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JOE M. COELHI Status: A Tank Status: A Comp Number: 37801	***3233 STATHEM ST***	***WSW 0 - 1/8 (0.029 mi.)***	***B14***	***83***
SOUTHWEST TRANSPORTA Status: A Tank Status: A Comp Number: 15036	20900 S HAZEL AVE	SSW 0 - 1/8 (0.120 mi.)	C17	85
COELHO FARMS Comp Number: 486	***3150 W MT WHITNEY***	***S 1/8 - 1/4 (0.126 mi.)***	***D20***	***88***
RIVERDALE ICE Status: A Tank Status: A Comp Number: 245	***20924 HAZEL ST***	***SSW 1/8 - 1/4 (0.128 mi.)***	***C22***	***90***
AUSTIN PETROLEUM CO Status: A Tank Status: A Comp Number: 42849	***3164 W MOUNT WHITNEY***	***S 1/8 - 1/4 (0.131 mi.)***	***D25***	***92***
CIRCLE K STORE #1331 Status: A Tank Status: A Comp Number: 13751	***3210 W MT WHITNEY AV***	***SSW 1/8 - 1/4 (0.161 mi.)***	***C31***	***109***
RIVERDALE PUBLIC UTI Status: A Tank Status: A Comp Number: 58251	***20945 HASLAM ST***	***SW 1/8 - 1/4 (0.192 mi.)***	***E34***	***120***
D & D CHEVRON/JOHN D Comp Number: 9681	***3410 W MOUNT WHITNEY***	***SW 1/8 - 1/4 (0.237 mi.)***	***F38***	***126***

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 5 HIST UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JOE M COELHI Facility Id: 00000037801	3233 STATHEM STREET	WSW 0 - 1/8 (0.029 mi.)	B13	82
CARREIROS UNION Facility Id: 00000042849	3164 W MT WHITNEY	S 1/8 - 1/4 (0.131 mi.)	D24	91
CIRCLE K STORE #1331 Facility Id: 00000013751	***3210 W MT WHITNEY AV***	***SSW 1/8 - 1/4 (0.161 mi.)***	***C31***	***109***
RIVERDALE PUBLIC UTI	20945 HASLAM STREET	SW 1/8 - 1/4 (0.192 mi.)	E35	123

Facility Id: 00000058251				
CASMEROS CHEV SERV Facility Id: 00000009681	3410 MT WHITNEY AVE	SW 1/8 - 1/4 (0.237 mi.)	F37	124

CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CERS TANKS list, as provided by EDR, and dated 10/15/2024 has revealed that there is 1 CERS TANKS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GET 'N GO 9927	***3210 MT WHITNEY***	***SSW 1/8 - 1/4 (0.161 mi.)***	***C29***	***97***

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 8 CA FID UST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
JOE M. COELHI Facility Id: 10006903 Status: A	***3233 STATHEM ST***	***WSW 0 - 1/8 (0.029 mi.)***	***B14***	***83***
SOUTHWEST TRANSPORTA Facility Id: 10002181 Status: A	20900 HAZEL AVE	SSW 0 - 1/8 (0.120 mi.)	C16	84
COELHO FARMS Facility Id: 10000065 Status: I	***3150 W MT WHITNEY***	***S 1/8 - 1/4 (0.126 mi.)***	***D20***	***88***
RIVERDALE ICE Facility Id: 10004863 Status: A	***20924 HAZEL ST***	***SSW 1/8 - 1/4 (0.128 mi.)***	***C22***	***90***
AUSTIN PETROLEUM CO Facility Id: 10003186 Status: A	***3164 W MOUNT WHITNEY***	***S 1/8 - 1/4 (0.131 mi.)***	***D25***	***92***
CIRCLE K STORE #1331 Facility Id: 10001990 Status: A	***3210 W MT WHITNEY AV***	***SSW 1/8 - 1/4 (0.161 mi.)***	***C31***	***109***
RIVERDALE PUBLIC UTI Facility Id: 10008201 Status: A	***20945 HASLAM ST***	***SW 1/8 - 1/4 (0.192 mi.)***	***E34***	***120***
D & D CHEVRON/JOHN D Facility Id: 10000265 Status: I	***3410 W MOUNT WHITNEY***	***SW 1/8 - 1/4 (0.237 mi.)***	***F38***	***126***

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 09/16/2024 has revealed that there are 4 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
DIOCESE OF FRESNO EPA ID:: CAC002964804	3047 W. MOUNT WITNEY	SSE 1/8 - 1/4 (0.126 mi.)	19	86
FASTRIP OIL COMPANY EPA ID:: CAL000282802	***3210 MOUNT WHITNEY***	***SSW 1/8 - 1/4 (0.161 mi.)***	***C30***	***105***
CIRCLE K STORE #1331 EPA ID:: CAD981681158	***3210 W MT WHITNEY AV***	***SSW 1/8 - 1/4 (0.161 mi.)***	***C31***	***109***
COUNTY OF FRESNO EPA ID:: CAC003078996	***3296 W. MT WHITNEY A***	***SSW 1/8 - 1/4 (0.175 mi.)***	***33***	***116***

UST FINDER: EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

A review of the UST FINDER list, as provided by EDR, and dated 06/08/2023 has revealed that there is 1 UST FINDER site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
GET 'N GO 9927	3210 MT WHITNEY	SSW 1/8 - 1/4 (0.161 mi.)	C32	115

UST FINDER RELEASE: US EPA's UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA's Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

A review of the UST FINDER RELEASE list, as provided by EDR, and dated 06/08/2023 has revealed that there are 4 UST FINDER RELEASE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
D & D CHEVRON	3410 MT WHITNEY W	SW 1/4 - 1/2 (0.264 mi.)	F41	131
MCLEOD FORD	3415 MT WHITNEY	SW 1/4 - 1/2 (0.283 mi.)	G44	144
TEXACO STAR MART #8	3610 MT WHITNEY W	WSW 1/4 - 1/2 (0.386 mi.)	H46	150
BROWN FEED & SEED, I	21053 SHERRILL S	WSW 1/4 - 1/2 (0.431 mi.)	H48	154

EXECUTIVE SUMMARY

E MANIFEST: EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

A review of the E MANIFEST list, as provided by EDR, and dated 09/16/2024 has revealed that there are 2 E MANIFEST sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FASTRIP OIL COMPANY	***3210 MOUNT WHITNEY***	***SSW 1/8 - 1/4 (0.161 mi.)***	***C30***	***105***
COUNTY OF FRESNO	***3296 W. MT WHITNEY A***	***SSW 1/8 - 1/4 (0.175 mi.)***	***33***	***116***

Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the Cortese list, as provided by EDR, and dated 09/16/2024 has revealed that there are 4 Cortese sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
D & D CHEVRON	***3410 MT WHITNEY***	***SW 1/8 - 1/4 (0.237 mi.)***	***F40***	***128***
Cleanup Status: COMPLETED - CASE CLOSED				
MCLEOD FORD	***3415 MT WHITNEY***	***SW 1/4 - 1/2 (0.283 mi.)***	***G43***	***141***
Cleanup Status: COMPLETED - CASE CLOSED				
TEXACO STAR MART #8	***3610 MT WHITNEY W***	***WSW 1/4 - 1/2 (0.379 mi.)***	***H45***	***145***
Cleanup Status: COMPLETED - CASE CLOSED				
BROWN FEED & SEED, I	***21053 SHERRILL***	***WSW 1/4 - 1/2 (0.431 mi.)***	***H47***	***150***
Cleanup Status: COMPLETED - CASE CLOSED				

CUPA Listings: A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

A review of the CUPA Listings list, as provided by EDR, has revealed that there are 10 CUPA Listings sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
RIVERDALE MEMORIAL D	3085 W MOUNT WHITNEY	S 0 - 1/8 (0.114 mi.)	15	84
Database: CUPA FRESNO, Date of Government Version: 06/28/2021				
Facility Id: FA0277260				
SOUTHWEST TRANSPORTA	20900 S HAZEL ST	SSW 0 - 1/8 (0.120 mi.)	C18	85
Database: CUPA FRESNO, Date of Government Version: 06/28/2021				
Facility Id: FA0169747				
COELHO FARMS	***3150 W MT WHITNEY***	***S 1/8 - 1/4 (0.126 mi.)***	***D20***	***88***
Database: CUPA FRESNO, Date of Government Version: 06/28/2021				
Facility Id: FA0170157				
THE CORRAL	20924 HAZEL	SSW 1/8 - 1/4 (0.128 mi.)	C23	91
Database: CUPA FRESNO, Date of Government Version: 06/28/2021				
Facility Id: FA0169742				
AUSTIN PETROLEUM CO	***3164 W MOUNT WHITNEY***	***S 1/8 - 1/4 (0.131 mi.)***	***D25***	***92***
Database: CUPA FRESNO, Date of Government Version: 06/28/2021				

Facility Id: FA0170159

RIVERDALE PUD - VALE | S VALENTINE AVE | W 1/8 - 1/4 (0.138 mi.) | 26 | 94
Database: CUPA FRESNO, Date of Government Version: 06/28/2021
Facility Id: FA0284604

CIRCLE K STORE #1331 | 3210 W MT WHITNEY AV | SSW 1/8 - 1/4 (0.161 mi.) | C31 | 109
Database: CUPA FRESNO, Date of Government Version: 06/28/2021
Facility Id: FA0004631

RIVERDALE PUBLIC UTI | 20945 HASLAM ST | SW 1/8 - 1/4 (0.192 mi.) | E34 | 120
Database: CUPA FRESNO, Date of Government Version: 06/28/2021
Facility Id: FA0270460

D&D CHEVRON | 3410 W MOUNT WHITNEY | SW 1/8 - 1/4 (0.237 mi.) | F36 | 124
Database: CUPA FRESNO, Date of Government Version: 06/28/2021
Facility Id: FA0170655

TORONJITA TIRES | 3410 W MOUNT WHITNEY | SW 1/8 - 1/4 (0.237 mi.) | F39 | 127
Database: CUPA FRESNO, Date of Government Version: 06/28/2021
Facility Id: FA0280255

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

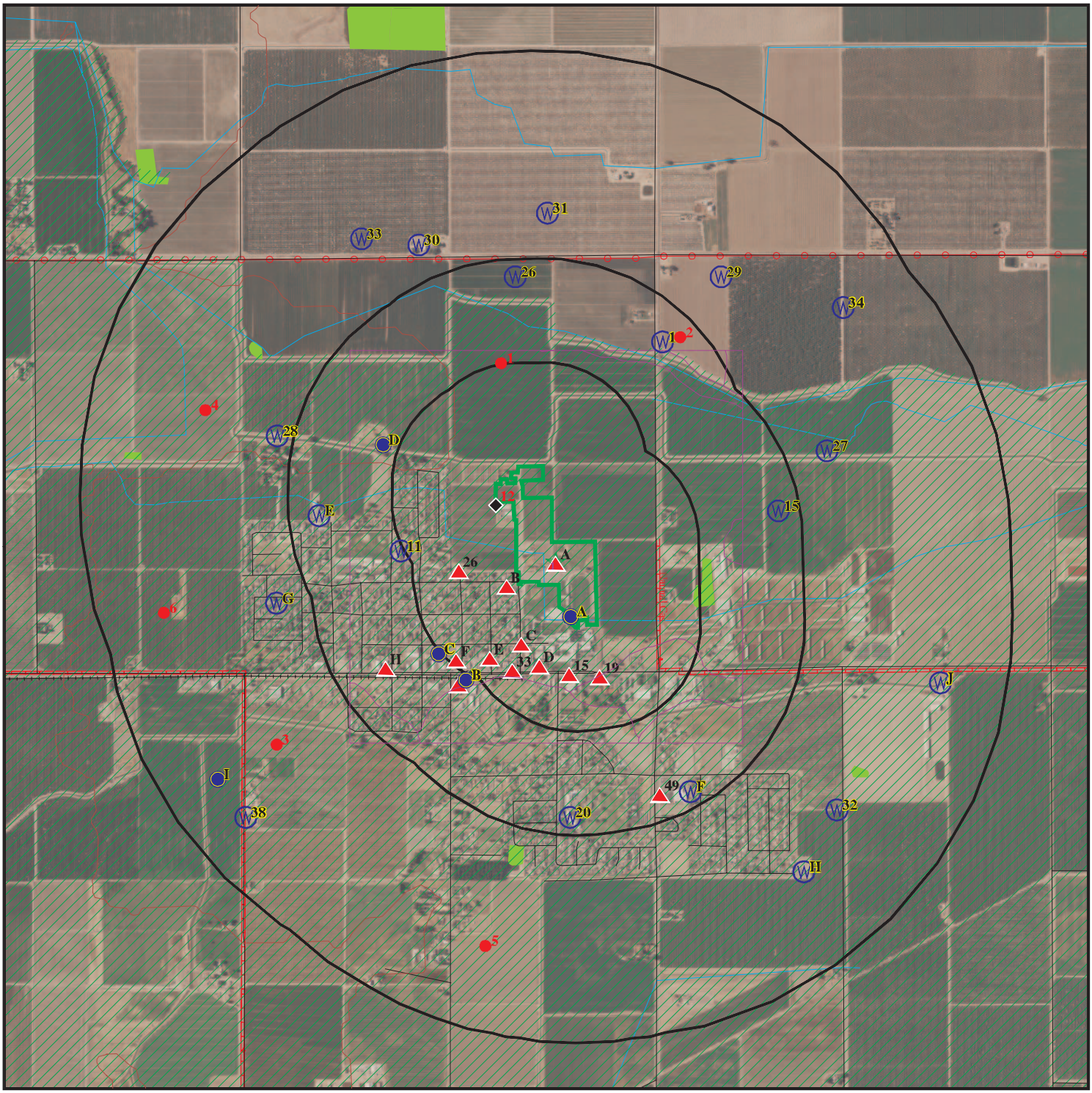
A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 5 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TANK CLEANUP @ RIVER Reg Id: 5T10000086	3150 MT WHITNEY	S 1/8 - 1/4 (0.126 mi.)	D21	89
D & D CHEVRON Reg Id: 5T10000294	***3410 MT WHITNEY***	***SW 1/8 - 1/4 (0.237 mi.)***	***F40***	***128***
MC LEOD FORD INC Reg Id: 5T10000594	***3415 W MT WHITNEY AV***	***SW 1/4 - 1/2 (0.283 mi.)***	***G42***	***132***
TEXACO STAR MART #8 Reg Id: 5T10000615	***3610 MT WHITNEY W***	***WSW 1/4 - 1/2 (0.379 mi.)***	***H45***	***145***
BROWN FEED & SEED, I Reg Id: 5T10000044	***21053 SHERRILL***	***WSW 1/4 - 1/2 (0.431 mi.)***	***H47***	***150***

EXECUTIVE SUMMARY

There were no unmapped sites in this report.

OVERVIEW MAP - 7896275.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Riverdale Phase I	CLIENT:	BSK & Associates
ADDRESS:	3086 W Mount Whitney Ave Riverdale CA 93656	CONTACT:	Kevin Grove
LAT/LONG:	36.434666 / 119.855618	INQUIRY #:	7896275.2s
		DATE:	February 12, 2025 10:11 am

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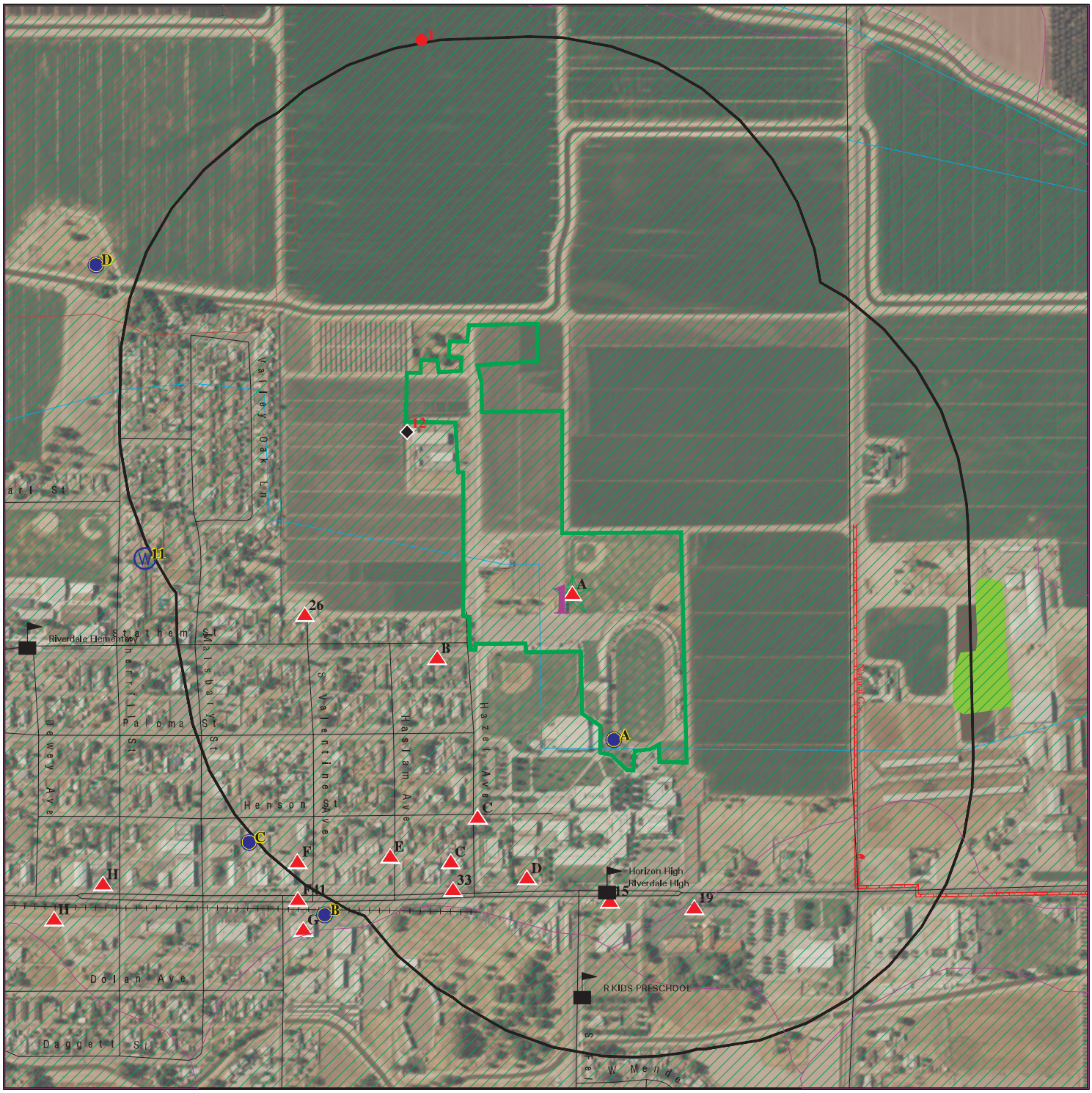
DETAIL MAP - 7896275.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- Sensitive Receptors
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

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ADDRESS:	3086 W Mount Whitney Ave Riverdale CA 93656	CONTACT:	Kevin Grove
LAT/LONG:	36.434666 / 119.855618	INQUIRY #:	7896275.2s
		DATE:	February 12, 2025 10:12 am

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MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENTAL RECORDS								
Lists of Federal NPL (Superfund) sites								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
Lists of Federal Delisted NPL sites								
Delisted NPL	1.000		0	0	0	0	NR	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
Lists of Federal CERCLA sites with NFRAP								
SEMS-ARCHIVE	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA facilities undergoing Corrective Action								
CORRACTS	1.000		0	0	0	0	NR	0
Lists of Federal RCRA TSD facilities								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Lists of Federal RCRA generators								
RCRA-LQG	0.250		0	0	NR	NR	NR	0
RCRA-SQG	0.250		0	0	NR	NR	NR	0
RCRA-VSQG	0.250		0	0	NR	NR	NR	0
Federal institutional controls / engineering controls registries								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROLS	0.500		0	0	0	NR	NR	0
Federal ERNS list								
ERNS	0.001		0	NR	NR	NR	NR	0
Lists of state- and tribal (Superfund) equivalent sites								
RESPONSE	1.000		0	0	0	0	NR	0
Lists of state- and tribal hazardous waste facilities								
ENVIROSTOR	1.000		1	0	0	0	NR	1
Lists of state and tribal landfills and solid waste disposal facilities								
SWF/LF	0.500		0	0	0	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
Lists of state and tribal leaking storage tanks								
LUST	0.500		0	1	3	NR	NR	4
INDIAN LUST	0.500		0	0	0	NR	NR	0
CPS-SLIC	0.500		0	0	0	NR	NR	0
Lists of state and tribal registered storage tanks								
FEMA UST	0.250		0	0	NR	NR	NR	0
UST	0.250		0	2	NR	NR	NR	2
AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
Lists of state and tribal voluntary cleanup sites								
INDIAN VCP	0.500		0	0	0	NR	NR	0
VCP	0.500		0	0	0	NR	NR	0
Lists of state and tribal brownfield sites								
BROWNFIELDS	0.500		0	0	0	NR	NR	0
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / Solid Waste Disposal Sites								
WMUDS/SWAT	0.500		0	0	0	NR	NR	0
SWRCY	0.500		0	0	1	NR	NR	1
HAULERS	0.001		0	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	0.001		0	NR	NR	NR	NR	0
HIST Cal-Sites	1.000		0	0	0	0	NR	0
SCH	0.250		1	0	NR	NR	NR	1
CDL	0.001		0	NR	NR	NR	NR	0
CERS HAZ WASTE	0.250	1	0	1	NR	NR	NR	2
Toxic Pits	1.000		0	0	0	0	NR	0
US CDL	0.001		0	NR	NR	NR	NR	0
Local Lists of Registered Storage Tanks								
SWEEPS UST	0.250	1	2	6	NR	NR	NR	9
HIST UST	0.250		1	4	NR	NR	NR	5
CERS TANKS	0.250		0	1	NR	NR	NR	1
CA FID UST	0.250	1	2	6	NR	NR	NR	9
Local Land Records								
LIENS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	0.001		0	NR	NR	NR	NR	0
DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	0.001		0	NR	NR	NR	NR	0
CHMIRS	0.001		0	NR	NR	NR	NR	0
LDS	0.001		0	NR	NR	NR	NR	0
MCS	0.001		0	NR	NR	NR	NR	0
SPILLS 90	0.001		0	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250	1	0	4	NR	NR	NR	5
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	0.001		0	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		0	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	0.001		0	NR	NR	NR	NR	0
TRIS	0.001		0	NR	NR	NR	NR	0
SSTS	0.001		0	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
RAATS	0.001		0	NR	NR	NR	NR	0
PRP	0.001		0	NR	NR	NR	NR	0
PADS	0.001		0	NR	NR	NR	NR	0
ICIS	0.001		0	NR	NR	NR	NR	0
FTTS	0.001	1	0	NR	NR	NR	NR	1
MLTS	0.001		0	NR	NR	NR	NR	0
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
HIST FTTS	0.001	1	0	NR	NR	NR	NR	1
DOT OPS	0.001		0	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	0.001		0	NR	NR	NR	NR	0
US AIRS	0.001		0	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
MINES MRDS	0.250		0	0	NR	NR	NR	0
FINDS	0.001	3	0	NR	NR	NR	NR	3
ECHO	0.001	1	0	NR	NR	NR	NR	1
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	0.001		0	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
PFAS NPL	0.250		0	0	NR	NR	NR	0
PFAS FEDERAL SITES	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
PFAS TSCA	0.250		0	0	NR	NR	NR	0
PFAS TRIS	0.250		0	0	NR	NR	NR	0
PFAS RCRA MANIFEST	0.250		0	0	NR	NR	NR	0
PFAS ATSDR	0.250		0	0	NR	NR	NR	0
PFAS WQP	0.250		0	0	NR	NR	NR	0
PFAS PROJECT	0.250		0	0	NR	NR	NR	0
PFAS NPDES	0.250		0	0	NR	NR	NR	0
PFAS ECHO	0.250		0	0	NR	NR	NR	0
PFAS ECHO FIRE TRAIN	0.250		0	0	NR	NR	NR	0
PFAS PT 139 AIRPORT	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM NRC	0.250		0	0	NR	NR	NR	0
BIOSOLIDS	0.001		0	NR	NR	NR	NR	0
UST FINDER	0.250		0	1	NR	NR	NR	1
UST FINDER RELEASE	0.500		0	0	4	NR	NR	4
E MANIFEST	0.250	1	0	2	NR	NR	NR	3
PFAS	0.250		0	0	NR	NR	NR	0
AQUEOUS FOAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
CHROME PLATING	0.500		0	0	0	NR	NR	0
Cortese	0.500		0	1	3	NR	NR	4
CUPA Listings	0.250	1	2	8	NR	NR	NR	11
DRYCLEANERS	0.250		0	0	NR	NR	NR	0
EMI	0.001		0	NR	NR	NR	NR	0
ENF	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
ICE	0.001		0	NR	NR	NR	NR	0
HIST CORTESE	0.500		0	2	3	NR	NR	5
HWP	1.000		0	0	0	0	NR	0
HWT	0.250		0	0	NR	NR	NR	0
HWTS	0.001	2	0	NR	NR	NR	NR	2
HAZNET	0.001	1	0	NR	NR	NR	NR	1
MINES	0.250		0	0	NR	NR	NR	0
MWMP	0.250		0	0	NR	NR	NR	0
NPDES	0.001		0	NR	NR	NR	NR	0
PEST LIC	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0	NR	NR	0
Notify 65	1.000		0	0	0	0	NR	0
HAZMAT	0.250		0	0	NR	NR	NR	0
UIC	0.001		0	NR	NR	NR	NR	0
UIC GEO	0.001		0	NR	NR	NR	NR	0
WASTEWATER PITS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
WIP	0.250		0	0	NR	NR	NR	0
MILITARY PRIV SITES	0.001		0	NR	NR	NR	NR	0
PROJECT	0.001		0	NR	NR	NR	NR	0
WDR	0.001		0	NR	NR	NR	NR	0
CIWQS	0.001	1	0	NR	NR	NR	NR	1
CERS	0.001	1	0	NR	NR	NR	NR	1
NON-CASE INFO	0.001		0	NR	NR	NR	NR	0
OTHER OIL GAS	0.001		0	NR	NR	NR	NR	0
PROD WATER PONDS	0.001		0	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SAMPLING POINT	0.001		0	NR	NR	NR	NR	0
WELL STIM PROJ	0.001		0	NR	NR	NR	NR	0
EDR HIGH RISK HISTORICAL RECORDS								
EDR Exclusive Records								
EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		0	NR	NR	NR	NR	0
EDR Hist Cleaner	0.125		0	NR	NR	NR	NR	0
EDR RECOVERED GOVERNMENT ARCHIVES								
Exclusive Recovered Govt. Archives								
RGA LF	0.001		0	NR	NR	NR	NR	0
RGA LUST	0.001		0	NR	NR	NR	NR	0
- Totals --		17	9	39	14	0	0	79

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

A1 **RIVERDALE JOINT UNIFIED SCHOOL DISTRICT** **HWTS** **S124576545**
Target Property **3086 W MOUNT WHITNEY** **N/A**
RIVERDALE, CA 93656

Site 1 of 11 in cluster A

Actual: 223 ft.

HWTS:

Name:	RIVERDALE JOINT UNIFIED SCHOOL DISTRICT
Address:	3086 W MOUNT WHITNEY
Address 2:	Not reported
City,State,Zip:	RIVERDALE, CA 93656
EPA ID:	CAC002568337
Inactive Date:	08/08/2003
Create Date:	07/31/2003
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 1058
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RIVERDALE, CA 93656
Owner Name:	UNIFIED SCHOOL DISTRICT
Owner Address:	PO BOX 1058
Owner Address 2:	Not reported
Owner City,State,Zip:	RIVERDALE, CA 93656
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	ELAINE CASH/SUPERINT
Contact Address:	PO BOX 1058
Contact Address 2:	Not reported
City,State,Zip:	RIVERDALE, CA 93656
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	36.431009
Longitude:	-119.85372

A2 **RIVERDALE JOINT UNIFIED SCHOOL DISTRICT (RIVERDALE** **RCRA NonGen / NLR** **1024799682**
Target Property **3086 W. MT WHITNEY** **E MANIFEST** **CAL000213271**
RIVERDALE, CA 93656

Site 2 of 11 in cluster A

Actual: 223 ft.

RCRA Listings:

Date Form Received by Agency:	19990721
Handler Name:	Riverdale High School
Handler Address:	3086 W Mt Whitney
Handler City,State,Zip:	RIVERDALE, CA 93656-0000
EPA ID:	CAL000213271
Contact Name:	JEFF PERCELL
Contact Address:	PO BOX 1058
Contact City,State,Zip:	RIVERDALE, CA 93656
Contact Telephone:	559-867-3562
Contact Fax:	000-000-0000
Contact Email:	LNEAL@RJUSD.ORG
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported

RIVERDALE JOINT UNIFIED SCHOOL DISTRICT (RIVERDALE HIGH SCHO (Continued) **1024799682**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 1058
Mailing City,State,Zip:	RIVERDALE, CA 93656-0000
Owner Name:	Riverdale Joint Unified
Owner Type:	Other
Operator Name:	Jeff Percell
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: RIVERDALE JOINT UNIFIED	
Legal Status:	Other

RIVERDALE JOINT UNIFIED SCHOOL DISTRICT (RIVERDALE HIGH SCHO (Continued) **1024799682**

Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: 3086 W MT WHITNEY
Owner/Operator City,State,Zip: RIVERDALE, CA 93656-0000
Owner/Operator Telephone: 559-867-3562
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Owner/Operator Indicator: Operator
Owner/Operator Name: JEFF PERCELL
Legal Status: Other
Date Became Current: Not reported
Date Ended Current: Not reported
Owner/Operator Address: PO BOX 1058
Owner/Operator City,State,Zip: RIVERDALE, CA 93656
Owner/Operator Telephone: 559-867-3562
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 19990721
Handler Name: RIVERDALE HIGH SCHOOL
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 61111
NAICS Description: ELEMENTARY AND SECONDARY SCHOOLS

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:
Manifest Tracking Number: 016504017FLE
Last Updated Date: 20220727
Shipped Date: 20220627
Received Date: 20220705
Manifest Status: Signed
Submission Type: DataImage5Copy
Origin Type: Service
Generator EPA ID: CAL000213271

RIVERDALE JOINT UNIFIED SCHOOL DISTRICT (RIVERDALE HIGH SCHO (Continued) **1024799682**

Generator Name:	Riverdale Joint Unified School District (Riverdale High School)
Generator Location Street Number:	Not reported
Generator Location Street 1:	3086 W. MT WHITNEY
Generator Location Street 2:	Not reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	3086 W. MT WHITNEY
Generator Mail Street 2:	Not reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVT330010000
Designated Facility Name:	Us Ecology Nevada, Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	HWY 95 11 MILES S. OF BEATTY
Designated Facility Mail City:	BEATTY
Designated Facility Mail Zip:	89003
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	HWY 95 11 MILES S. OF BEATTY
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	BEATTY
Designated Facility Location Zip:	89003
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	016504018FLE
Last Updated Date:	20220816
Shipped Date:	20220627
Received Date:	20220722
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000213271
Generator Name:	Riverdale High School
Generator Location Street Number:	Not reported
Generator Location Street 1:	3086 W MT WHITNEY
Generator Location Street 2:	Not reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656-0000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 1058
Generator Mail Street 2:	Not reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	TXD055135388
Designated Facility Name:	Set Environmental
Designated Facility Mail Street Number:	5738

RIVERDALE JOINT UNIFIED SCHOOL DISTRICT (RIVERDALE HIGH SCHO (Continued) **1024799682**

Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	CHESWOOD ST
Designated Facility Mail City:	HOUSTON
Designated Facility Mail Zip:	77087-4002
Designated Facility Mail State:	TX
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	LAT 29.6755, LONG -95.3066
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	HOUSTON
Designated Facility Location Zip:	77087
Designated Facility Location State:	TX
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	016503903FLE
Last Updated Date:	20220617
Shipped Date:	20220606
Received Date:	20220610
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000213271
Generator Name:	Riverdale High School
Generator Location Street Number:	Not reported
Generator Location Street 1:	3086 W MT WHITNEY
Generator Location Street 2:	Not reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656-0000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 1058
Generator Mail Street 2:	Not reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000520478
Designated Facility Name:	Environmental Waste Solutions, Inc.
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	PO BOX 626
Designated Facility Mail City:	LOMA LINDA
Designated Facility Mail Zip:	92354
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	31915 INDUSTRIAL LANE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	PARKER
Designated Facility Location Zip:	85344
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	016503904FLE
Last Updated Date:	20220708

RIVERDALE JOINT UNIFIED SCHOOL DISTRICT (RIVERDALE HIGH SCHO (Continued) **1024799682**

Shipped Date:	20220606
Received Date:	20220623
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000213271
Generator Name:	Riverdale High School
Generator Location Street Number:	Not reported
Generator Location Street 1:	3086 W MT WHITNEY
Generator Location Street 2:	Not reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656-0000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 1058
Generator Mail Street 2:	Not reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NMD002208627
Designated Facility Name:	Advanced Chemical Treatment, Llc
Designated Facility Mail Street Number:	6133
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	EDITH BLVD NE
Designated Facility Mail City:	ALBUQUERQUE
Designated Facility Mail Zip:	87107
Designated Facility Mail State:	NM
Designated Facility Location Street Number:	6133
Designated Facility Location Street 1:	EDITH BLVD NE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	ALBUQUERQUE
Designated Facility Location Zip:	87107
Designated Facility Location State:	NM
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	014706119FLE
Last Updated Date:	20200714
Shipped Date:	20200623
Received Date:	20200630
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000213271
Generator Name:	Riverdale High School
Generator Location Street Number:	Not reported
Generator Location Street 1:	3086 W MT WHITNEY
Generator Location Street 2:	Not reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656-0000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 1058
Generator Mail Street 2:	Not reported
Generator Mail City:	RIVERDALE

RIVERDALE JOINT UNIFIED SCHOOL DISTRICT (RIVERDALE HIGH SCHO (Continued) **1024799682**

Generator Mail Zip:	93656-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NVT330010000
Designated Facility Name:	Us Ecology Nevada, Inc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	PO BOX 578
Designated Facility Mail City:	BEATTY
Designated Facility Mail Zip:	89003
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	HWY 95 11 MI S OF BEATTY
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	BEATTY
Designated Facility Location Zip:	89003
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	014706120FLE
Last Updated Date:	20200727
Shipped Date:	20200623
Received Date:	20200706
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000213271
Generator Name:	Riverdale Joint Unified School District
Generator Location Street Number:	Not reported
Generator Location Street 1:	3086 W MT WHITNEY
Generator Location Street 2:	Not reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	3086 W MT WHITNEY
Generator Mail Street 2:	Not reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000515924
Designated Facility Name:	Yuma Yes Waste Transfer Facility
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2730 E 13TH ST
Designated Facility Mail City:	YUMA
Designated Facility Mail Zip:	85365-1901
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2730 E 13TH ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365-1901
Designated Facility Location State:	AZ

RIVERDALE JOINT UNIFIED SCHOOL DISTRICT (RIVERDALE HIGH SCHO (Continued) **1024799682**

Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	012794907FLE
Last Updated Date:	20190722
Shipped Date:	20190620
Received Date:	20190627
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000213271
Generator Name:	Riverdale Joint Unified School District
Generator Location Street Number:	Not reported
Generator Location Street 1:	3086 W MT WHITNEY
Generator Location Street 2:	Not reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	3086 W MT WHITNEY
Generator Mail Street 2:	Not reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000515924
Designated Facility Name:	Yuma Yes Waste Transfer Facility
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2730 E 13TH ST
Designated Facility Mail City:	YUMA
Designated Facility Mail Zip:	85365-1901
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2730 E 13TH ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365-1901
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	012794914FLE
Last Updated Date:	20200102
Shipped Date:	20190620
Received Date:	20190705
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000213271
Generator Name:	Riverdale High School
Generator Location Street Number:	Not reported
Generator Location Street 1:	3086 W MT WHITNEY
Generator Location Street 2:	Not reported
Generator Location City:	RIVERDALE

RIVERDALE JOINT UNIFIED SCHOOL DISTRICT (RIVERDALE HIGH SCHO (Continued) **1024799682**

Generator Location State:	CA
Generator Location Zip:	93656-0000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 1058
Generator Mail Street 2:	Not reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NMD002208627
Designated Facility Name:	Advanced Chemical Treatment, Llc
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	6133 EDITH BLVD NE
Designated Facility Mail City:	ALBUQUERQUE
Designated Facility Mail Zip:	87107
Designated Facility Mail State:	NM
Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	6133 EDITH BLVD NE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	ALBUQUERQUE
Designated Facility Location Zip:	87107
Designated Facility Location State:	NM
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	012794915FLE
Last Updated Date:	20190722
Shipped Date:	20190620
Received Date:	20190627
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000213271
Generator Name:	Riverdale Joint Unified School District
Generator Location Street Number:	Not reported
Generator Location Street 1:	3086 W MT WHITNEY
Generator Location Street 2:	Not reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	3086 W MT WHITNEY
Generator Mail Street 2:	Not reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	AZR000515924
Designated Facility Name:	Yuma Yes Waste Transfer Facility
Designated Facility Mail Street Number:	Not reported
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	2730 E 13TH ST
Designated Facility Mail City:	YUMA
Designated Facility Mail Zip:	85365-1901
Designated Facility Mail State:	AZ

RIVERDALE JOINT UNIFIED SCHOOL DISTRICT (RIVERDALE HIGH SCHO (Continued) **1024799682**

Designated Facility Location Street Number:	Not reported
Designated Facility Location Street 1:	2730 E 13TH ST
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365-1901
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	015885581FLE
Last Updated Date:	20210719
Shipped Date:	20210607
Received Date:	20210624
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000213271
Generator Name:	Riverdale High School
Generator Location Street Number:	Not reported
Generator Location Street 1:	3086 W MT WHITNEY
Generator Location Street 2:	Not reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656-0000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 1058
Generator Mail Street 2:	Not reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NMD002208627
Designated Facility Name:	Advanced Chemical Treatment, Llc
Designated Facility Mail Street Number:	6133
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	EDITH BLVD NE
Designated Facility Mail City:	ALBUQUERQUE
Designated Facility Mail Zip:	87107
Designated Facility Mail State:	NM
Designated Facility Location Street Number:	6133
Designated Facility Location Street 1:	EDITH BLVD NE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	ALBUQUERQUE
Designated Facility Location Zip:	87107
Designated Facility Location State:	NM
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018841903FLE
Last Updated Date:	20240624
Shipped Date:	20240528
Received Date:	20240613
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web

RIVERDALE JOINT UNIFIED SCHOOL DISTRICT (RIVERDALE HIGH SCHO (Continued) **1024799682**

Generator EPA ID:	CAL000213271
Generator Name:	Riverdale High School
Generator Location Street Number:	Not reported
Generator Location Street 1:	3086 W MT WHITNEY
Generator Location Street 2:	Not reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656-0000
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 1058
Generator Mail Street 2:	Not reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	NMD002208627
Designated Facility Name:	Advanced Chemical Treatment Llc
Designated Facility Mail Street Number:	6133
Designated Facility Mail Street 1:	Not reported
Designated Facility Mail Street 2:	EDITH BLVD. NE
Designated Facility Mail City:	ALBUQUERQUE
Designated Facility Mail Zip:	87107
Designated Facility Mail State:	NM
Designated Facility Location Street Number:	6133
Designated Facility Location Street 1:	EDITH BLVD. NE
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	ALBUQUERQUE
Designated Facility Location Zip:	87107
Designated Facility Location State:	NM
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	017875861FLE
Transporter Line Number:	1
Transporter EPA ID:	CAR000070540
Transporter Name:	Advanced Chemical Transport Inc. Dba Actenviro
Manifest Tracking Number:	017875861FLE
Transporter Line Number:	2
Transporter EPA ID:	CAR000183574
Transporter Name:	Environmental Mngmt Technologies Inc

Waste Line:

Manifest Tracking Number:	017875861FLE
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	NORCRA HAZAROUS WASTE SOLID
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	25
Quantity Unit of Measure Code:	P

RIVERDALE JOINT UNIFIED SCHOOL DISTRICT (RIVERDALE HIGH SCHO (Continued) **1024799682**

Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0125
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0125
Waste Quantity, in Kilograms:	11.337875
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	11.337875
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Manifest Tracking Number:	017875861FLE
Waste Line Number:	2
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	NONRCRA HAZARDOUS WASTE SOLID
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	35
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0175
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0175
Waste Quantity, in Kilograms:	15.873026
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	15.873026
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported

RIVERDALE JOINT UNIFIED SCHOOL DISTRICT (RIVERDALE HIGH SCHO (Continued) **1024799682**

EPA Waste Indicator:	N
Manifest Tracking Number:	017875861FLE
Waste Line Number:	3
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	NONRCRA HAZARDOUS WASTE LIQUID
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	240
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.12
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.12
Waste Quantity, in Kilograms:	108.8436
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	108.8436
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Manifest Tracking Number:	017875861FLE
Waste Line Number:	4
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	NONRCRA HAZARDOUS WASTE LIQUID
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	15
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0075
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0075
Waste Quantity, in Kilograms:	6.802725
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	6.802725
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE

RIVERDALE JOINT UNIFIED SCHOOL DISTRICT (RIVERDALE HIGH SCHO (Continued) **1024799682**

Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N
Manifest Tracking Number:	017875861FLE
Waste Line Number:	5
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not reported
U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	NONRCRA HAZARDOUS WASTE LIQUID
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	85
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0425
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0425
Waste Quantity, in Kilograms:	38.54878
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	38.54878
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

Click this hyperlink while viewing on your computer to access
4 additional US EManifest: record(s) in the EDR Site Report.

A3
Target Property
RIVERDALE HIGH SCHOOL
3086 W MT WHITNEY
RIVERDALE, CA 93656

FINDS **1024663885**
ECHO **N/A**

Site 3 of 11 in cluster A

Actual: 223 ft.

FINDS:
Registry ID: 110070452279

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

ECHO:
Envid: 1024663885
Registry ID: 110070452279

DFR URL:
Name: RIVERDALE HIGH SCHOOL
Address: 3086 W MT WHITNEY
City,State,Zip: RIVERDALE, CA 93656

Envid: 1024663885
Registry ID: 110011552578

DFR URL:
Name: RIVERWEST LEVELING INC
Address: 3086 W MT WHITNEY
City,State,Zip: RIVERDALE, CA 93656

A4
Target Property
RIVERDALE JUSD HIGH SCHOOL
3086 W MT WHITNEY AVE
RIVERDALE, CA 93656

CIWQS **S121668600**
N/A

Site 4 of 11 in cluster A

Actual: 223 ft.

CIWQS:
Name: Riverdale Jusd High School
Address: 3086 W MT WHITNEY AVE
City,State,Zip: RIVERDALE, CA 93656
Agency: Riverdale Joint USD
Agency Address: 3160 W Mt Whitney Ave, Riverdale, CA 93656
Place/Project Type: Construction - Commercial
SIC/NAICS: Not reported
Region: 5F
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 99-08DW
WDID: 5F10C352741
NPDES Number: CAS000002
Adoption Date: Not reported

RIVERDALE JUSD HIGH SCHOOL (Continued) **S121668600**

Effective Date:	07/28/2008
Termination Date:	06/25/2009
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:	Not reported
Longitude:	Not reported

A5 **RIVERDALE HIGH SCHOOL** **CERS HAZ WASTE** **S121140085**
Target **3086 W MOUNT WHITNEY AVE** **CUPA Listings** **N/A**
Property **RIVERDALE, CA 93656** **CERS**

Site 5 of 11 in cluster A

Actual: 223 ft.

CERS HAZ WASTE:

Name:	RIVERDALE HIGH SCHOOL
Address:	3086 W MOUNT WHITNEY AVE
City,State,Zip:	RIVERDALE, CA 93656
Site ID:	148334
CERS ID:	10131733
CERS Description:	Hazardous Waste Generator

CUPA FRESNO:

Name:	RIVERDALE HIGH SCHOOL
Address:	3086 W MOUNT WHITNEY AVE
City,State,Zip:	RIVERDALE, CA 93656
Region:	FRESNO
Cross Street:	Not reported
Facility ID:	FA0002115
APM Number:	05313012T
Program Element:	AUTO REPAIR/MAINTENANCE MODEL PLAN

Name:	RIVERDALE HIGH SCHOOL
Address:	3086 W MOUNT WHITNEY AVE
City,State,Zip:	RIVERDALE, CA 93656
Region:	FRESNO
Cross Street:	Not reported
Facility ID:	FA0002115
APM Number:	05313012T
Program Element:	HAZARDOUS WASTE GENERATOR (CESQG)

CERS:

Name:	RIVERDALE HIGH SCHOOL
Address:	3086 W MOUNT WHITNEY AVE
City,State,Zip:	RIVERDALE, CA 93656
Site ID:	148334
CERS ID:	10131733
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	148334
Site Name:	Riverdale High School
Violation Date:	04-09-2015

RIVERDALE HIGH SCHOOL (Continued) **S121140085**

Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Returned to compliance on 06/08/2015.
Violation Division: Fresno County Department of Public Health
Violation Program: HW
Violation Source: CERS,

Site ID: 148334
Site Name: Riverdale High School
Violation Date: 04-09-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 06/08/2015.
Violation Division: Fresno County Department of Public Health
Violation Program: HMRRP
Violation Source: CERS,

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Routine inspection. NO VIOLATIONS NOTED AT TIME OF INSPECTION. Note: Facility stored and handled small amount of paints and compressed gases onsite.
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-31-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-09-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-26-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Routine inspection. NO VIOLATIONS NOTED AT TIME OF INSPECTION. Note: Observed two 55-gallon drums of used oil from a classroom, two buckets

RIVERDALE HIGH SCHOOL (Continued) **S121140085**

of alkaline batteries and universal waste such as lightbulbs onsite. Operator states that they have all their vehicles serviced elsewhere offsite.

Eval Division: Fresno County Department of Public Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 01-31-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 04-09-2015
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HW
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Operator
Entity Name: Riverdale Joint Unified School District
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: (559) 867-8200,

Affiliation Type Desc: CUPA District
Entity Name: Fresno County Community Health Department
Entity Title: Not reported
Affiliation Address: 1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93775
Affiliation Phone: (559) 600-3271,

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 3086 W Mount Whitney Ave
Affiliation City: Riverdale
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93656
Affiliation Phone: ,

Affiliation Type Desc: Document Preparer

RIVERDALE HIGH SCHOOL (Continued) **S121140085**

Entity Name:	Ron Mansfield-School Safety Solutions, LLC
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Jeff Percell
Entity Title:	Superintendent
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Riverdale Joint Unified School District
Entity Title:	Not reported
Affiliation Address:	3160 W Mount Whitney Ave
Affiliation City:	Riverdale
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93656
Affiliation Phone:	(559) 867-8200,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Riverdale High School
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Riverdale Joint Unified School District
Entity Title:	Not reported
Affiliation Address:	3160 W Mount Whitney Ave
Affiliation City:	Riverdale
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93656
Affiliation Phone:	(559) 867-3562,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Ron Mansfield - School Safety Solutions, LLC
Entity Title:	Not reported
Affiliation Address:	4801 Laguna Blvd., Suite 105-PMB 118
Affiliation City:	Elk Grove
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	95758

RIVERDALE HIGH SCHOOL (Continued) **S121140085**

Affiliation Phone: ,

A6 **RIVERDALE HIGH SCHOOL** **HWTS** **S113108022**
Target **3086 W MT WHITNEY** **HAZNET** **N/A**
Property **RIVERDALE, CA 93656**

Site 6 of 11 in cluster A

Actual:
223 ft.

HWTS:

Name:	RIVERDALE HIGH SCHOOL
Address:	3086 W MT WHITNEY
Address 2:	Not reported
City,State,Zip:	RIVERDALE, CA 93656
EPA ID:	CAL000213271
Inactive Date:	Not reported
Create Date:	07/21/1999
Last Act Date:	Not reported
Mailing Name:	Not reported
Mailing Address:	PO BOX 1058
Mailing Address 2:	Not reported
Mailing City,State,Zip:	RIVERDALE, CA 936560000
Owner Name:	RIVERDALE JOINT UNIFIED
Owner Address:	3086 W MT WHITNEY
Owner Address 2:	Not reported
Owner City,State,Zip:	RIVERDALE, CA 936560000
Owner Phone:	Not reported
Owner Fax:	Not reported
Contact Name:	JEFF PERCELL
Contact Address:	PO BOX 1058
Contact Address 2:	Not reported
City,State,Zip:	RIVERDALE, CA 93656
Contact Phone:	Not reported
Contact Fax:	Not reported
Facility Status:	Active
Facility Type:	PERMANENT
Category:	STATE
Latitude:	36.431009
Longitude:	-119.85372

NAICS:

EPA ID:	CAL000213271
Create Date:	2002-03-14 16:36:29.000
NAICS Code:	61111
NAICS Description:	Elementary and Secondary Schools
Issued EPA ID Date:	1999-07-21 00:00:00
Inactive Date:	Not reported
Facility Name:	RIVERDALE HIGH SCHOOL
Facility Address:	3086 W MT WHITNEY
Facility Address 2:	Not reported
Facility City:	RIVERDALE
Facility County:	Not reported
Facility State:	CA
Facility Zip:	936560000

HAZNET:

Name:	RIVERDALE HIGH SCHOOL

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Address:	3086 W MT WHITNEY
Address 2:	Not reported
City,State,Zip:	RIVERDALE, CA 936560000
Contact:	JEFF PERCELL
Telephone:	5598678200
Mailing Name:	Not reported
Mailing Address:	PO BOX 1058
Year:	2020
Gepaid:	CAL000213271
TSD EPA ID:	AZR000515924
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0065
Year:	2020
Gepaid:	CAL000213271
TSD EPA ID:	NVT330010000
CA Waste Code:	791 - Liquids with pH <= 2
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.0145
Year:	2020
Gepaid:	CAL000213271
TSD EPA ID:	AZR000515924
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:	0.158
Year:	2020
Gepaid:	CAL000213271
TSD EPA ID:	AZR000515924
CA Waste Code:	291 - Latex waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0655
Year:	2020
Gepaid:	CAL000213271
TSD EPA ID:	AZR000515924
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.013
Year:	2019
Gepaid:	CAL000213271
TSD EPA ID:	NMD002208627
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.14300
Year:	2019

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Gepaid:	CAL000213271
TSD EPA ID:	AZR000515924
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.01200
Year:	2019
Gepaid:	CAL000213271
TSD EPA ID:	AZR000515924
CA Waste Code:	291 - Latex waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.34250
Year:	2019
Gepaid:	CAL000213271
TSD EPA ID:	AZR000515924
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.03950
Year:	2019
Gepaid:	CAL000213271
TSD EPA ID:	NMD002208627
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.10350

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

Additional Information:

Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	6/23/2020
Shipment Date:	6/23/2020
Receipt Date:	6/30/2020
Manifest Number:	014706119FLE
Generator EPA ID:	CAL000213271
Name:	RIVERDALE HIGH SCHOOL
Address:	3086 W MT WHITNEY
Address 2:	Not reported
City,State,Zip:	RIVERDALE, CA 93656-0000
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	888-785-7225
Contact Email:	LNEAL@RJUSD.ORG
Transporter 1 EPA ID:	CAR000070540
Transporter Name:	ADVANCED CHEMICAL TRANSPORT INC. DBA ACTENVIRO
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	Not reported
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

TSDF EPA ID:	NVT330010000
TSDF Name:	US ECOLOGY NEVADA, INC
TSDF Address 1:	HWY 95 11 MI S OF BEATTY
TSDF Address 2:	Not reported
TSDF City,State,Zip:	BEATTY, NV 89003
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	791 - Not reported
RCRA Code:	D002
Meth Code:	H039 - Not reported
Quantity Tons:	0.0145
Waste Quantity:	29
Quantity Unit:	P
Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	6/23/2020
Shipment Date:	6/23/2020
Receipt Date:	7/6/2020
Manifest Number:	014706120FLE
Generator EPA ID:	CAL000213271
Name:	RIVERDALE JOINT UNIFIED SCHOOL DISTRICT
Address:	3086 W MT WHITNEY
Address 2:	Not reported
City,State,Zip:	RIVERDALE, CA 93656
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	888-756-0930
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000070540
Transporter Name:	ADVANCED CHEMICAL TRANSPORT INC. DBA ACTENVIRO
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	WORLDWIDE RECOVERY SYSTEM INC
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA, AZ 85365-1901
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	135 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.0065
Waste Quantity:	13
Quantity Unit:	P
Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	6/23/2020
Shipment Date:	6/23/2020
Receipt Date:	7/6/2020
Manifest Number:	014706120FLE
Generator EPA ID:	CAL000213271
Name:	RIVERDALE JOINT UNIFIED SCHOOL DISTRICT

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Address:	3086 W MT WHITNEY
Address 2:	Not reported
City,State,Zip:	RIVERDALE, CA 93656
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	888-756-0930
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000070540
Transporter Name:	ADVANCED CHEMICAL TRANSPORT INC. DBA ACTENVIRO
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	WORLDWIDE RECOVERY SYSTEM INC
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA, AZ 85365-1901
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	223 - Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.158
Waste Quantity:	316
Quantity Unit:	P

Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	6/23/2020
Shipment Date:	6/23/2020
Receipt Date:	7/6/2020
Manifest Number:	014706120FLE
Generator EPA ID:	CAL000213271
Name:	RIVERDALE JOINT UNIFIED SCHOOL DISTRICT
Address:	3086 W MT WHITNEY
Address 2:	Not reported
City,State,Zip:	RIVERDALE, CA 93656
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	888-756-0930
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000070540
Transporter Name:	ADVANCED CHEMICAL TRANSPORT INC. DBA ACTENVIRO
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	WORLDWIDE RECOVERY SYSTEM INC
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA, AZ 85365-1901
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	291 - Not reported
RCRA Code:	Not reported

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Meth Code:	H141 - Not reported
Quantity Tons:	0.0655
Waste Quantity:	131
Quantity Unit:	P
Year:	2020
EM Manifest ID:	Not reported
Shipment Date:	6/23/2020
Shipment Date:	6/23/2020
Receipt Date:	7/6/2020
Manifest Number:	014706120FLE
Generator EPA ID:	CAL000213271
Name:	RIVERDALE JOINT UNIFIED SCHOOL DISTRICT
Address:	3086 W MT WHITNEY
Address 2:	Not reported
City,State,Zip:	RIVERDALE, CA 93656
Telephone:	Not reported
Contact:	Not reported
Contact Telephone:	888-756-0930
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000070540
Transporter Name:	ADVANCED CHEMICAL TRANSPORT INC. DBA ACTENVIRO
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	WORLDWIDE RECOVERY SYSTEM INC
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA, AZ 85365-1901
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	223 - Not reported
RCRA Code:	Not reported
Meth Code:	H039 - Not reported
Quantity Tons:	0.013
Waste Quantity:	26
Quantity Unit:	P

Additional Information:

Year:	2019
EM Manifest ID:	439249
Shipment Date:	6/20/2019
Shipment Date:	6/20/2019
Receipt Date:	6/27/2019
Manifest Number:	012794915FLE
Generator EPA ID:	CAL000213271
Name:	RIVERDALE JOINT UNIFIED SCHOOL DISTRICT
Address:	3086 W MT WHITNEY
Address 2:	Not reported
City,State,Zip:	RIVERDALE 93656
Telephone:	888-785-7225
Contact:	Not reported
Contact Telephone:	888-756-0930
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000070540

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA 85365-1901
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

State:

Year:	2019
EM Manifest ID:	439249
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794915FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.00850
Quantity Waste:	17.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	343

Year:	2019
EM Manifest ID:	439249
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794915FLE
Line Number:	2
Method Code:	H039
Quantity Tons:	0.01200
Quantity Waste:	24.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	223

Year:	2019
EM Manifest ID:	439249
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794915FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03950

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Quantity Waste:	79.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551

Year:	2019
EM Manifest ID:	439249
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794915FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.07350
Quantity Waste:	147.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	850365
Shipment Date:	6/20/2019
Shipment Date:	6/20/2019
Receipt Date:	7/5/2019
Manifest Number:	012794914FLE
Generator EPA ID:	CAL000213271
Name:	RIVERDALE HIGH SCHOOL
Address:	3086 W MT WHITNEY
Address 2:	Not reported
City,State,Zip:	RIVERDALE 93656-0000
Telephone:	888-785-7225
Contact:	Not reported
Contact Telephone:	559-867-3562
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000070540
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000154740
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	NMD002208627
TSDF Name:	ADVANCED CHEMICAL TREATMENT, LLC
TSDF Address 1:	6133 EDITH BLVD NE
TSDF Address 2:	Not reported
TSDF City,State,Zip:	ALBUQUERQUE 87107
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported
Quantity Tons:	Not reported
Waste Quantity:	Not reported
Quantity Unit:	Not reported

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Federal:

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.01900
Quantity Waste:	38.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.01900
Quantity Waste:	38.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U154

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.01150
Quantity Waste:	23.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.01150
Quantity Waste:	23.000000
Quantity Unit:	P
Number of Containers:	1

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D011
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.01350
Quantity Waste:	27.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	5
Method Code:	H141
Quantity Tons:	0.01450
Quantity Waste:	29.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	7
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	8
Method Code:	H141
Quantity Tons:	0.00350

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	9
Method Code:	H141
Quantity Tons:	0.00300
Quantity Waste:	6.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	10
Method Code:	H141
Quantity Tons:	0.01000
Quantity Waste:	20.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	10
Method Code:	H141
Quantity Tons:	0.01000
Quantity Waste:	20.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Line Number:	11
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	12
Method Code:	H141
Quantity Tons:	0.01350
Quantity Waste:	27.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D005

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	12
Method Code:	H141
Quantity Tons:	0.01350
Quantity Waste:	27.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	12
Method Code:	H141
Quantity Tons:	0.01350
Quantity Waste:	27.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D011

Year:	2019
EM Manifest ID:	850365

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	13
Method Code:	H141
Quantity Tons:	0.00400
Quantity Waste:	8.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	13
Method Code:	H141
Quantity Tons:	0.00400
Quantity Waste:	8.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D003

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	14
Method Code:	H141
Quantity Tons:	0.00400
Quantity Waste:	8.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	14
Method Code:	H141
Quantity Tons:	0.00400
Quantity Waste:	8.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D003

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

State:

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.14300
Quantity Waste:	286.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	221

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.01900
Quantity Waste:	38.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.01150
Quantity Waste:	23.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.01350
Quantity Waste:	27.000000
Quantity Unit:	P
Number of Containers:	1

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	5
Method Code:	H141
Quantity Tons:	0.01450
Quantity Waste:	29.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	7
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	8
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	9
Method Code:	H141
Quantity Tons:	0.00300

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Quantity Waste:	6.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	10
Method Code:	H141
Quantity Tons:	0.01000
Quantity Waste:	20.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	11
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	12
Method Code:	H141
Quantity Tons:	0.01350
Quantity Waste:	27.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Line Number:	13
Method Code:	H141
Quantity Tons:	0.00400
Quantity Waste:	8.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	14
Method Code:	H141
Quantity Tons:	0.00400
Quantity Waste:	8.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551

Year:	2019
EM Manifest ID:	439247
Shipment Date:	6/20/2019
Shipment Date:	6/20/2019
Receipt Date:	6/27/2019
Manifest Number:	012794907FLE
Generator EPA ID:	CAL000213271
Name:	RIVERDALE JOINT UNIFIED SCHOOL DISTRICT
Address:	3086 W MT WHITNEY
Address 2:	Not reported
City,State,Zip:	RIVERDALE 93656
Telephone:	888-785-7225
Contact:	Not reported
Contact Telephone:	888-758-0930
Contact Email:	Not reported
Transporter 1 EPA ID:	CAR000070540
Transporter Name:	Not reported
Transporter 1 Emergency Number:	Not reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not reported
Transporter 2 Emergency Number:	Not reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not reported
TSDF City,State,Zip:	YUMA 85365-1901
TSDF Telephone:	Not reported
TSDFA EPA ID:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	- Not reported

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Quantity Tons: Not reported
Waste Quantity: Not reported
Quantity Unit: Not reported

State:
Year: 2019
EM Manifest ID: 439247
Generator EPA ID: CAL000213271
Shipment Date: 2019-06-20
Manifest Number: 012794907FLE
Line Number: 1
Method Code: H141
Quantity Tons: 0.18750
Quantity Waste: 375.000000
Quantity Unit: P
Number of Containers: 1
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
State Code: 291

Year: 2019
EM Manifest ID: 439247
Generator EPA ID: CAL000213271
Shipment Date: 2019-06-20
Manifest Number: 012794907FLE
Line Number: 2
Method Code: H141
Quantity Tons: 0.48000
Quantity Waste: 960.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Metal drums, barrels, kegs
Quantity Type: Pounds
State Code: 291

Year: 2019
EM Manifest ID: 439247
Generator EPA ID: CAL000213271
Shipment Date: 2019-06-20
Manifest Number: 012794907FLE
Line Number: 3
Method Code: H141
Quantity Tons: 0.67500
Quantity Waste: 1350.000000
Quantity Unit: P
Number of Containers: 2
Type of Container: Fiber or plastic boxes, cartons, cases
Quantity Type: Pounds
State Code: 291

Additional Information:
Year: 2017
Gen EPA ID: CAL000213271

Shipment Date: 20170622
Creation Date: 5/17/2018 18:31:20

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Receipt Date:	20170712
Manifest ID:	000171889DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC DBA PSC ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0375
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

Additional Information:

Year:	2016
Gen EPA ID:	CAL000213271
Shipment Date:	20150827
Creation Date:	3/22/2016 22:15:24
Receipt Date:	20150910
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	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:	20150827
Creation Date:	3/22/2016 22:15:24
Receipt Date:	20150910
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.008
Waste Quantity:	16
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:	20150827
Creation Date:	3/22/2016 22:15:24
Receipt Date:	20150910
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150827
Creation Date:	3/22/2016 22:15:24
Receipt Date:	20150910
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
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:	20150827
Creation Date:	2/5/2016 22:15:10
Receipt Date:	20150910
Manifest ID:	000123770DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	LD TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0435
Waste Quantity:	87
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:	20150827
Creation Date:	2/5/2016 22:15:10
Receipt Date:	20150910
Manifest ID:	000123770DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	LD TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0935
Waste Quantity:	187
Quantity Unit:	P

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Additional 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:	20150827
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000123770DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	LD TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
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:	20150827
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150827

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.011
Waste Quantity:	22
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:	20150827
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0065
Waste Quantity:	13
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 Information:

Year:	2015
Gen EPA ID:	CAL000213271

Shipment Date:	20150827
Creation Date:	3/22/2016 22:15:24
Receipt Date:	20150910
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	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:	20150827
Creation Date:	3/22/2016 22:15:24
Receipt Date:	20150910
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.008
Waste Quantity:	16
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:	20150827
Creation Date:	3/22/2016 22:15:24
Receipt Date:	20150910
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20150827
Creation Date:	3/22/2016 22:15:24
Receipt Date:	20150910
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
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:	20150827
Creation Date:	2/5/2016 22:15:10
Receipt Date:	20150910
Manifest ID:	000123770DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	LD TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0435
Waste Quantity:	87
Quantity Unit:	P

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Additional 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:	20150827
Creation Date:	2/5/2016 22:15:10
Receipt Date:	20150910
Manifest ID:	000123770DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	LD TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0935
Waste Quantity:	187
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:	20150827
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000123770DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	LD TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
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:	20150827

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20150827
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.011
Waste Quantity:	22
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:	20150827
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Trans Name: 21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 352 - Other organic solids
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.0065
Waste Quantity: 13
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 Information:
Year: 2014
Gen EPA ID: CAL000213271

Shipment Date: 20140923
Creation Date: 2/13/2015 22:15:17
Receipt Date: 20140929
Manifest ID: 000101772DAT
Trans EPA ID: CAR000210617
Trans Name: 21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID: NVD980895338
Trans 2 Name: 21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NV LLC
TSDF EPA ID: NVD980895338
Trans Name: 21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 181 - Other inorganic solid waste Organics
RCRA Code: D009
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.3
Waste Quantity: 600
Quantity Unit: P
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

Shipment Date: 20140812
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000102043DAT
Trans EPA ID: CAR000210617
Trans Name: 21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVD980895338
Trans Name: 21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140812
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000102043DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140812
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000102043DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140812
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000102043DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D011
Meth Code:	H071 - Chemical Reduction With Or Without Precipitation
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20140812
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000102043DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
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:	20140812
Creation Date:	Not reported
Receipt Date:	Not reported

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Manifest ID:	000102043DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Shipment Date:	20140812
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000102043DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.045
Waste Quantity:	90
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:	20140812
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000102044DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

TSDF Alt Name: Not reported
Waste Code Description: 135 - Unspecified aqueous solution
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.2
Waste Quantity: 400
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: 20140812
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 000102044DAT
Trans EPA ID: CAR000210617
Trans Name: 21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID: Not reported
Trans 2 Name: Not reported
TSDF EPA ID: NVD980895338
Trans Name: 21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 513 - Empty containers less than 30 gallons
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.06
Waste Quantity: 120
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 Information:
Year: 2011
Gen EPA ID: CAL000213271

Shipment Date: 20110621
Creation Date: 8/26/2011 18:30:30
Receipt Date: 20110628
Manifest ID: 000444450VES
Trans EPA ID: NJD080631369
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID: CAD982523433
Trans 2 Name: DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID: CAD008302903
Trans Name: VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110621
Creation Date:	8/26/2011 18:30:30
Receipt Date:	20110628
Manifest ID:	000444450VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
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:	20110621
Creation Date:	6/24/2012 20:30:07
Receipt Date:	20110629
Manifest ID:	000444451VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110621
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000444451VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
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:	20110621
Creation Date:	6/24/2012 20:30:07
Receipt Date:	20110629
Manifest ID:	000444451VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D005
Additional Code 2:	D001
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110621
Creation Date:	6/24/2012 20:30:07
Receipt Date:	20110629
Manifest ID:	000444451VES

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20110621
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000444451VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
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:	20110621
Creation Date:	6/24/2012 20:30:07
Receipt Date:	20110629
Manifest ID:	000444451VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2010
Gen EPA ID:	CAL000213271
Shipment Date:	20100621
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005520631JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	000179382
Trans 2 Name:	ENV ENVIROMENTAL
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
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:	20100621
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005520631JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	000179382
Trans 2 Name:	ENV ENVIROMENTAL
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100621
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005520631JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	000179382
Trans 2 Name:	ENV ENVIROMENTAL
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
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:	20100621
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	005520631JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	000179382
Trans 2 Name:	ENV ENVIROMENTAL
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.17931
Waste Quantity:	43
Quantity Unit:	G
Additional Code 1:	Not reported
Additional Code 2:	Not reported

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100621
Creation Date:	8/30/2010 18:30:46
Receipt Date:	20100624
Manifest ID:	005520509JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.068
Waste Quantity:	20
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:	20100621
Creation Date:	1/19/2011 18:30:07
Receipt Date:	20100628
Manifest ID:	005520631JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	000179382
Trans 2 Name:	ENV ENVIROMENTAL
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not reported
Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.00417
Waste Quantity:	1
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:	20100621
Creation Date:	8/30/2010 18:30:46
Receipt Date:	20100624
Manifest ID:	005520509JJK

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	Not reported
Trans 2 Name:	Not reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
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:	20100621
Creation Date:	1/19/2011 18:30:07
Receipt Date:	20100628
Manifest ID:	005520631JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	000179382
Trans 2 Name:	ENV ENVIROMENTAL
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100621
Creation Date:	1/19/2011 18:30:07
Receipt Date:	20100628
Manifest ID:	005520631JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	000179382
Trans 2 Name:	ENV ENVIROMENTAL
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20100621
Creation Date:	1/19/2011 18:30:07
Receipt Date:	20100628
Manifest ID:	005520631JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	000179382
Trans 2 Name:	ENV ENVIROMENTAL
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D011
Meth Code:	H071 - Chemical Reduction With Or Without Precipitation
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported

Additional Information:

Year:	2009
Gen EPA ID:	CAL000213271
Shipment Date:	20090617
Creation Date:	7/31/2009 18:30:28
Receipt Date:	20090625
Manifest ID:	000254889VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

	Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090617
Creation Date:	7/31/2009 18:30:28
Receipt Date:	20090625
Manifest ID:	000254889VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	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:	20090617
Creation Date:	7/31/2009 18:30:28
Receipt Date:	20090625
Manifest ID:	000254889VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090617
Creation Date:	7/31/2009 18:30:28
Receipt Date:	20090625
Manifest ID:	000254889VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090617
Creation Date:	8/3/2009 18:30:08
Receipt Date:	20090624
Manifest ID:	000254890VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0225
Waste Quantity:	45
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:	20090617
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000254889VES

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
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:	20090617
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000254889VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090617
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000254889VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

TSDF Alt Name:	Not reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090617
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000254889VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not reported
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20090617
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	000254889VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
Waste Quantity:	150
Quantity Unit:	P

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Additional 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 Information:
Year: 2008
Gen EPA ID: CAL000213271

Shipment Date: 20080616
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 003895090JJK
Trans EPA ID: CAR000164012
Trans Name: 21ST CENTURY EMI
Trans 2 EPA ID: UTR000007708
Trans 2 Name: SLT EXPRESS WAY INC
TSDF EPA ID: NVD980895338
Trans Name: 21ST CENTURY EMI
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 343 - Unspecified organic liquid mixture
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.136
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: 20080616
Creation Date: Not reported
Receipt Date: Not reported
Manifest ID: 003895090JJK
Trans EPA ID: CAR000164012
Trans Name: 21ST CENTURY EMI
Trans 2 EPA ID: UTR000007708
Trans 2 Name: SLT EXPRESS WAY INC
TSDF EPA ID: NVD980895338
Trans Name: 21ST CENTURY EMI
TSDF Alt EPA ID: Not reported
TSDF Alt Name: Not reported
Waste Code Description: 221 - Waste oil and mixed oil
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 0.418
Waste Quantity: 110
Quantity Unit: G
Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080616
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	003895090JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.18
Waste Quantity:	360
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:	20080616
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	003895090JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.22
Waste Quantity:	440
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:	20080616
Creation Date:	11/12/2008 18:30:19
Receipt Date:	20080624
Manifest ID:	003895090JJK

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
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:	20080616
Creation Date:	11/12/2008 18:30:19
Receipt Date:	20080624
Manifest ID:	003895090JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	- Not reported
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not reported
Waste Quantity:	Not reported
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:	20080616
Creation Date:	11/12/2008 18:30:19
Receipt Date:	20080624
Manifest ID:	003895090JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not reported

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

TSDF Alt Name:	Not reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.068
Waste Quantity:	20
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:	20080616
Creation Date:	11/12/2008 18:30:19
Receipt Date:	20080624
Manifest ID:	003895090JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not reported
Additional Code 3:	Not reported
Additional Code 4:	Not reported
Additional Code 5:	Not reported
Shipment Date:	20080616
Creation Date:	Not reported
Receipt Date:	Not reported
Manifest ID:	003895090JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not reported
TSDF Alt Name:	Not reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.08
Waste Quantity:	160
Quantity Unit:	P

RIVERDALE HIGH SCHOOL (Continued) **S113108022**

Additional Code 1: Not reported
Additional Code 2: Not reported
Additional Code 3: Not reported
Additional Code 4: Not reported
Additional Code 5: Not reported

A7 **RIVERDALE HIGH SCHOOL** **SWEEPS UST** **1001613524**
Target **3086 W MT WHITNEY** **CA FID UST** **N/A**
Property **RIVERDALE, CA 93656**

Site 7 of 11 in cluster A

Actual:
223 ft.

SWEEPS UST:

Name: RIVERDALE HIGH SCHOOL
Address: 3086 W MT WHITNEY
City: RIVERDALE
Status: Active
Comp Number: 358
Number: 4
Board Of Equalization: 44-003347
Referral Date: 06-08-89
Action Date: 06-08-89
Created Date: 06-08-89
Owner Tank Id: Not reported
SWRCB Tank Id: 10-000-000358-000001
Tank Status: A
Capacity: 10000
Active Date: 06-08-89
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 3

Name: RIVERDALE HIGH SCHOOL
Address: 3086 W MT WHITNEY
City: RIVERDALE
Status: Active
Comp Number: 358
Number: 4
Board Of Equalization: 44-003347
Referral Date: 06-08-89
Action Date: 06-08-89
Created Date: 06-08-89
Owner Tank Id: Not reported
SWRCB Tank Id: 10-000-000358-000002
Tank Status: A
Capacity: 1000
Active Date: 06-08-89
Tank Use: M.V. FUEL
STG: P
Content: GASOLINE
Number Of Tanks: Not reported

Name: RIVERDALE HIGH SCHOOL
Address: 3086 W MT WHITNEY
City: RIVERDALE
Status: Active
Comp Number: 358

RIVERDALE HIGH SCHOOL (Continued) **1001613524**

Number:	4
Board Of Equalization:	44-003347
Referral Date:	06-08-89
Action Date:	06-08-89
Created Date:	06-08-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	10-000-000358-000003
Tank Status:	A
Capacity:	10000
Active Date:	06-08-89
Tank Use:	M.V. FUEL
STG:	P
Content:	GASOLINE
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	10000693
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	3086 W MT WHITNEY
Mailing Address 2:	Not reported
Mailing City,St,Zip:	RIVERDALE 93656
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

A8 **RIVERDALE JOINT UNION HIGH SCHOOL** **FTTS** **1010009123**
Target **3086 W MT WHITNEY** **N/A**
Property **RIVERDALE, CA 93656**

Site 8 of 11 in cluster A

Actual:
223 ft.

FTTS INSP:

Inspection Number:	19890320R0906 1
Region:	09
Inspection Date:	03/20/89
Inspector:	WOODBECK
Violation occurred:	Yes
Investigation Type:	AHERA, Enforcement, SEE Conducted
Investigation Reason:	For Cause, Private Citizen/Press Complaint
Legislation Code:	TSCA
Facility Function:	User

A9 **RIVERWEST LEVELING INC** **FINDS** **1004442577**
Target **3086 W MT WHITNEY** **N/A**
Property **RIVERDALE, CA 93656**

Site 9 of 11 in cluster A

Actual: **223 ft.**

FINDS:
Registry ID: 110011552578

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).
The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

A10 **RIVERDALE HIGH SCHOOL** **FINDS** **1023315010**
Target **3086 W MOUNT WHITNEY AVE** **N/A**
Property **RIVERDALE, CA 93656**

Site 10 of 11 in cluster A

Actual: **223 ft.**

FINDS:
Registry ID: 110066081162

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:
The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release Inventory (TRI).

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

A11 **RIVERDALE JOINT UNION HIGH SCHOOL** **HIST FTTS** **1008188328**
Target **3086 W MT WHITNEY** **N/A**
Property **RIVERDALE, CA 93656**

Site 11 of 11 in cluster A

Actual: **223 ft.**

HIST FTTS INSP:
Inspection Number: 19890320R0906 1
Region: 09
Inspection Date: Not reported
Inspector: WOODBECK
Violation occurred: Yes
Investigation Type: AHERA, Enforcement, SEE Conducted

RIVERDALE JOINT UNION HIGH SCHOOL (Continued) **1008188328**

Investigation Reason: For Cause, Private Citizen/Press Complaint
Legislation Code: TSCA
Facility Function: User

12
NW
< 1/8
0.008 mi.
42 ft.

HAZEL AVENUE ELEMENTARY SCHOOL
NORTHWEST OF HAZEL AVENUE
RIVERDALE, CA 93656

ENVIROSTOR **S107736434**
SCH **N/A**

Relative:
Lower

Actual:
222 ft.

ENVIROSTOR:
Name: HAZEL AVENUE ELEMENTARY SCHOOL
Address: NORTHWEST OF HAZEL AVENUE
City,State,Zip: RIVERDALE, CA 93656
Facility ID: 70000114
Status: No Further Action
Status Date: 07/30/2007
Site Code: 104512
Site Type: School Investigation
Site Type Detailed: School
Acres: 20
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: * Mark Malinowski
Division Branch: Santa Susana Field Laboratory Branch
Assembly: 31
Senate: 14
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 36.4367
Longitude: -119.8582
APN: 053-130-16
Past Use: AGRICULTURAL - ROW CROPS
Potential COC: Arsenic DDD DDE DDT Polychlorinated biphenyls (PCBs
Confirmed COC: 30001-NO 30006-NO 30007-NO 30008-NO No Contaminants found 30018-NO
Potential Description: SOIL
Alias Name: Riverdale Elementary School
Alias Type: Alternate Name
Alias Name: 053-130-16
Alias Type: APN
Alias Name: 104512
Alias Type: Project Code (Site Code)
Alias Name: 70000114
Alias Type: Envirostor ID Number

Completed Info:
Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Cost Recovery Closeout Memo
Completed Date: 11/05/2007
Comments: A Cost Recovery Memorandum was issued to Accounting and the project is now considered complete.

HAZEL AVENUE ELEMENTARY SCHOOL (Continued) **S107736434**

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 07/30/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/14/2006
Comments: Mailed out excecuted EOA.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 09/11/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/14/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 11/18/2005
Comments: Approval of Phase 1 ESA, PEA Required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 11/30/2006
Comments: DTSC approved the PEA WP TM.

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

SCH:

Name: HAZEL AVENUE ELEMENTARY SCHOOL
Address: NORTHWEST OF HAZEL AVENUE
City,State,Zip: RIVERDALE, CA 93656
Facility ID: 70000114
Site Type: School Investigation
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 20
National Priorities List: NO

HAZEL AVENUE ELEMENTARY SCHOOL (Continued) **S107736434**

Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not reported
Supervisor:	* Mark Malinowski
Division Branch:	Santa Susana Field Laboratory Branch
Site Code:	104512
Assembly:	31
Senate:	14
Special Program Status:	Not reported
Status:	No Further Action
Status Date:	07/30/2007
Restricted Use:	NO
Funding:	School District
Latitude:	36.4367
Longitude:	-119.8582
APN:	053-130-16
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Arsenic, Arsenic, DDD, DDE, DDT, Polychlorinated biphenyls (PCBs
Confirmed COC:	30001-NO, 30006-NO, 30007-NO, 30008-NO, No Contaminants found, 30018-NO
Potential Description:	SOIL
Alias Name:	Riverdale Elementary School
Alias Type:	Alternate Name
Alias Name:	053-130-16
Alias Type:	APN
Alias Name:	104512
Alias Type:	Project Code (Site Code)
Alias Name:	70000114
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	11/05/2007
Comments:	A Cost Recovery Memorandum was issued to Accounting and the project is now considered complete.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	07/30/2007
Comments:	Not reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/14/2006
Comments:	Mailed out excecuted EOA.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	09/11/2006
Comments:	Not reported
Completed Area Name:	PROJECT WIDE

HAZEL AVENUE ELEMENTARY SCHOOL (Continued) **S107736434**

Completed Sub Area Name: Not reported
Completed Document Type: Site Inspections/Visit (Non LUR)
Completed Date: 12/14/2006
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 11/18/2005
Comments: Approval of Phase 1 ESA, PEA Required.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 11/30/2006
Comments: DTSC approved the PEA WP TM.

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

B13 **JOE M COELHI** **HIST UST** **U001590387**
WSW **3233 STATHEM STREET** **N/A**
< 1/8 **RIVERDALE, CA 93656**
0.029 mi.
153 ft. **Site 1 of 2 in cluster B**

Relative: HIST UST:
Higher
Name: JOE M COELHI
Actual: Address: 3233 STATHEM STREET
223 ft. City,State,Zip: RIVERDALE, CA 93656
File Number: 00024714

URL:
Region: STATE
Facility ID: 00000037801
Facility Type: Other
Other Type: INDIVIDUAL
Contact Name: INDIVIDUAL
Telephone: 2098673147
Owner Name: JOE M. COELHO
Owner Address: 3233 STATHEM STREET
Owner City,St,Zip: RIVERDALE, CA 93656
Total Tanks: 0000

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00000350
Tank Used for: Not reported
Type of Fuel: REGULAR
Container Construction Thickness: Not reported

JOE M COELHI (Continued) **U001590387**

Leak Detection: None

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00000350
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: None

Click here for Geo Tracker PDF:

B14
WSW
< 1/8
0.029 mi.
153 ft.

JOE M. COELHI **SWEEPS UST** **S101621310**
3233 STATHEM ST **CA FID UST** **N/A**
RIVERDALE, CA 93656

Site 2 of 2 in cluster B

Relative:
Higher

Actual:
223 ft.

SWEEPS UST:

Name: JOE M. COELHI
Address: 3233 STATHEM ST
City: RIVERDALE
Status: Active
Comp Number: 37801
Number: 9
Board Of Equalization: 44-004126
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 10-000-037801-000001
Tank Status: A
Capacity: 350
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 2

Name: JOE M. COELHI
Address: 3233 STATHEM ST
City: RIVERDALE
Status: Active
Comp Number: 37801
Number: 9
Board Of Equalization: 44-004126
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 10-000-037801-000002
Tank Status: A
Capacity: 350
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED

JOE M. COELHI (Continued) **S101621310**

Number Of Tanks: Not reported

CA FID UST:
Facility ID: 10006903
Regulated By: UTNKA
Regulated ID: 00037801
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2098673147
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: RIVERDALE 93656
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

---

15 **RIVERDALE MEMORIAL DISTRICT** **CUPA Listings** **S106630711**
South **3085 W MOUNT WHITNEY AVE** **N/A**
< 1/8 **RIVERDALE, CA 93656**
0.114 mi.
604 ft.

Relative: CUPA FRESNO:
Higher
Actual: Name: RIVERDALE MEMORIAL DISTRICT
223 ft. Address: 3085 W MOUNT WHITNEY AVE
City,State,Zip: RIVERDALE, CA 93656
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0277260
APM Number: 05326009ST
Program Element: HAZ MAT DISCLOSURE-BELOW REPORTING QUANTITY

C16 **SOUTHWEST TRANSPORTATION** **CA FID UST** **S101581561**
SSW **20900 HAZEL AVE** **N/A**
< 1/8 **RIVERDALE, CA 93656**
0.120 mi.
636 ft. **Site 1 of 11 in cluster C**

Relative: CA FID UST:
Higher
Actual: Facility ID: 10002181
223 ft. Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2098673536
Mail To: Not reported
Mailing Address: PO BOX 785
Mailing Address 2: Not reported
Mailing City,St,Zip: RIVERDALE 93656
Contact: Not reported
Contact Phone: Not reported

SOUTHWEST TRANSPORTATION (Continued) **S101581561**

DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

C17 **SOUTHWEST TRANSPORTATION** **SWEEPS UST** **S105087711**
SSW **20900 S HAZEL AVE** **N/A**
< 1/8 **RIVERDALE, CA 93656**
0.120 mi.
636 ft. **Site 2 of 11 in cluster C**

Relative: SWEEPS UST:
Higher
Actual: Name: SOUTHWEST TRANSPORTATION
223 ft. Address: 20900 S HAZEL AVE
City: RIVERDALE
Status: Active
Comp Number: 15036
Number: 1
Board Of Equalization: Not reported
Referral Date: 01-06-93
Action Date: 06-06-93
Created Date: 07-05-90
Owner Tank Id: Not reported
SWRCB Tank Id: 10-000-015036-000001
Tank Status: A
Capacity: 10000
Active Date: 12-14-92
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

C18 **SOUTHWEST TRANSPORTATION** **CUPA Listings** **S110115278**
SSW **20900 S HAZEL ST** **N/A**
< 1/8 **RIVERDALE, CA 93656**
0.120 mi.
636 ft. **Site 3 of 11 in cluster C**

Relative: CUPA FRESNO:
Higher
Actual: Name: SOUTHWEST TRANSPORTATION
223 ft. Address: 20900 S HAZEL ST
City,State,Zip: RIVERDALE, CA 93656
Region: FRESNO
Cross Street: MOUNT WHITNEY
Facility ID: FA0169747
APM Number: 05332701T
Program Element: UST REMOVAL/CLOSURE W/1 TANK

Name: SOUTHWEST TRANSPORTATION
Address: 20900 S HAZEL ST
City,State,Zip: RIVERDALE, CA 93656
Region: FRESNO
Cross Street: MOUNT WHITNEY
Facility ID: FA0169747
APM Number: 05332701T

SOUTHWEST TRANSPORTATION (Continued) **S110115278**

Program Element:	HAZ MAT DISCLOSURE/CLOSED SITE
Name:	SOUTHWEST TRANSPORTATION
Address:	20900 S HAZEL ST
City,State,Zip:	RIVERDALE, CA 93656
Region:	FRESNO
Cross Street:	MOUNT WHITNEY
Facility ID:	FA0169747
APM Number:	05332701T
Program Element:	HAZARDOUS WASTE GENERATOR (SQG)
Name:	SOUTHWEST TRANSPORTATION
Address:	20900 S HAZEL ST
City,State,Zip:	RIVERDALE, CA 93656
Region:	FRESNO
Cross Street:	MOUNT WHITNEY
Facility ID:	FA0169747
APM Number:	05332701T
Program Element:	UST REMOVAL/CLOSURE W/3 TANKS

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19 **DIOCESE OF FRESNO** **RCRA NonGen / NLR** **1024745038**
SSE **3047 W. MOUNT WITNEY AVE** **CAC002964804**
1/8-1/4 **RIVERDALE, CA 93656**
0.126 mi.
664 ft.

Relative: **Higher**

Actual: **223 ft.**

RCRA Listings:

Date Form Received by Agency:	20180605
Handler Name:	Diocese Of Fresno
Handler Address:	3047 W. Mount Witney Ave
Handler City,State,Zip:	RIVERDALE, CA 93656
EPA ID:	CAC002964804
Contact Name:	DOUG DURIVAGE
Contact Address:	1550 N FRESNO ST
Contact City,State,Zip:	FRESNO, CA 93703
Contact Telephone:	559-488-7400
Contact Fax:	Not reported
Contact Email:	RYANP@CALWESTINC.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	1550 N FRESNO ST
Mailing City,State,Zip:	FRESNO, CA 93703
Owner Name:	Diocese Of Fresno
Owner Type:	Other
Operator Name:	Doug Durivage
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No

DIOCESE OF FRESNO (Continued) **1024745038**

Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180831
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: DIOCESE OF FRESNO	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1550 N FRESNO ST
Owner/Operator City,State,Zip:	FRESNO, CA 93703
Owner/Operator Telephone:	559-488-7400
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: DOUG DURIVAGE	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	1550 N FRESNO ST

DIOCESE OF FRESNO (Continued) **1024745038**

Owner/Operator City,State,Zip: FRESNO, CA 93703
Owner/Operator Telephone: 559-488-7400
Owner/Operator Telephone Ext: Not reported
Owner/Operator Fax: Not reported
Owner/Operator Email: Not reported

Historic Generators:
Receive Date: 20180605
Handler Name: DIOCESE OF FRESNO
Federal Waste Generator Description: Not a generator, verified
State District Owner: Not reported
Large Quantity Handler of Universal Waste: No
Recognized Trader Importer: No
Recognized Trader Exporter: No
Spent Lead Acid Battery Importer: No
Spent Lead Acid Battery Exporter: No
Current Record: Yes
Non Storage Recycler Activity: Not reported
Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
NAICS Code: 56299
NAICS Description: ALL OTHER WASTE MANAGEMENT SERVICES

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

D20 **COELHO FARMS** **SWEEPS UST** **S101581302**
South **3150 W MT WHITNEY** **CA FID UST** **N/A**
1/8-1/4 **RIVERDALE, CA 93656** **CUPA Listings**
0.126 mi.
665 ft. **Site 1 of 4 in cluster D**

Relative: Higher
Actual: 223 ft.

SWEEPS UST:
Name: COELHO FARMS
Address: 3150 W MT WHITNEY
City: RIVERDALE
Status: Not reported
Comp Number: 486
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 10-000-000486-000001
Tank Status: Not reported
Capacity: 250
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: GASOLINE

COELHO FARMS (Continued) **S101581302**

Number Of Tanks: 1

CA FID UST:
Facility ID: 10000065
Regulated By: UTNKI
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2098671570
Mail To: Not reported
Mailing Address: 3150 W MT WHITNEY
Mailing Address 2: Not reported
Mailing City,St,Zip: RIVERDALE 93656
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

CUPA FRESNO:
Name: COELHO FARMS
Address: 3150 W MOUNT WHITNEY AVE
City,State,Zip: RIVERDALE, CA 93656
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0170157
APM Number: 05313011
Program Element: UST REMOVAL/CLOSURE W/1 TANK

Name: COELHO FARMS
Address: 3150 W MOUNT WHITNEY AVE
City,State,Zip: RIVERDALE, CA 93656
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0170157
APM Number: 05313011
Program Element: FORMER CONTAMINATED SITE/NO FURTHER ACTION

D21 **TANK CLEANUP @ RIVERDALE** **HIST CORTESE** **S100227495**
South **3150 MT WHITNEY** **N/A**
1/8-1/4 **RIVERDALE, CA 93656**
0.126 mi.
665 ft. **Site 2 of 4 in cluster D**

Relative:
Higher

Actual:
223 ft.

HIST CORTESE:
edr_fname: TANK CLEANUP @ RIVERDALE
edr_fadd1: 3150 MT WHITNEY
City,State,Zip: RIVERDALE, CA 93656
Region: CORTESE
Facility County Code: 10
Reg By: LTNKA
Reg Id: 5T10000086

C22
SSW
1/8-1/4
0.128 mi.
676 ft.

RIVERDALE ICE
20924 HAZEL ST
RIVERDALE, CA 93656

Site 4 of 11 in cluster C

SWEEPS UST **S101581803**
CA FID UST **N/A**

Relative:
Higher

Actual:
223 ft.

SWEEPS UST:

Name:	RIVERDALE ICE
Address:	20924 HAZEL ST
City:	RIVERDALE
Status:	Active
Comp Number:	245
Number:	1
Board Of Equalization:	44-003278
Referral Date:	06-02-89
Action Date:	06-02-89
Created Date:	06-02-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	10-000-000245-000001
Tank Status:	A
Capacity:	1000
Active Date:	06-02-89
Tank Use:	M.V. FUEL
STG:	P
Content:	GASOLINE
Number Of Tanks:	2

Name:	RIVERDALE ICE
Address:	20924 HAZEL ST
City:	RIVERDALE
Status:	Active
Comp Number:	245
Number:	1
Board Of Equalization:	44-003278
Referral Date:	06-02-89
Action Date:	06-02-89
Created Date:	06-02-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	10-000-000245-000002
Tank Status:	A
Capacity:	1000
Active Date:	06-02-89
Tank Use:	M.V. FUEL
STG:	P
Content:	GASOLINE
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	10004863
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	20924 HAZEL ST
Mailing Address 2:	Not reported
Mailing City,St,Zip:	RIVERDALE 93656
Contact:	Not reported

RIVERDALE ICE (Continued) **S101581803**

Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

C23 **THE CORRAL** **CUPA Listings** **S119102395**
SSW **20924 HAZEL** **N/A**
1/8-1/4 **RIVERDALE, CA 93656**
0.128 mi.
676 ft. **Site 5 of 11 in cluster C**

Relative:
Higher

Actual:
223 ft.

CUPA FRESNO:
Name: THE CORRAL
Address: 20924 HAZEL
City,State,Zip: RIVERDALE, CA 93656
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0169742
APM Number: 05332701T
Program Element: UST REMOVAL/CLOSURE W/2 TANKS

D24 **CARREIROS UNION** **HIST UST** **U001590374**
South **3164 W MT WHITNEY** **N/A**
1/8-1/4 **RIVERDALE, CA 93656**
0.131 mi.
690 ft. **Site 3 of 4 in cluster D**

Relative:
Higher

Actual:
223 ft.

HIST UST:
Name: CARREIROS UNION
Address: 3164 W MT WHITNEY
City,State,Zip: RIVERDALE, CA 93656
File Number: 00023b48

URL:
Region: STATE
Facility ID: 00000042849
Facility Type: Gas Station
Other Type: Not reported
Contact Name: ARCHIE & LOUIS CARREIRO
Telephone: 2098673053
Owner Name: CARREIRO'S UNION
Owner Address: 3164 W. MT. WHITNEY
Owner City,St,Zip: RIVERDALE, CA 93656
Total Tanks: 0002

Tank Num: 001
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: None

CARREIROS UNION (Continued) **U001590374**

Tank Num:	002
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	None

Click here for Geo Tracker PDF:

D25 **AUSTIN PETROLEUM CO INC.** **SWEEPS UST** **S101581625**
South **3164 W MOUNT WHITNEY AVE** **CA FID UST** **N/A**
1/8-1/4 **RIVERDALE, CA 93656** **CUPA Listings**
0.131 mi.
690 ft. **Site 4 of 4 in cluster D**

Relative: **Higher**

Actual: **223 ft.**

SWEEPS UST:

Name:	AUSTIN PETROLEUM CO INC.
Address:	3164 W MOUNT WHITNEY AVE
City:	RIVERDALE
Status:	Active
Comp Number:	42849
Number:	1
Board Of Equalization:	Not reported
Referral Date:	01-05-94
Action Date:	03-30-94
Created Date:	02-29-88
Owner Tank Id:	2
SWRCB Tank Id:	10-000-042849-000001
Tank Status:	A
Capacity:	10000
Active Date:	01-05-94
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	4

Name:	AUSTIN PETROLEUM CO INC.
Address:	3164 W MOUNT WHITNEY AVE
City:	RIVERDALE
Status:	Active
Comp Number:	42849
Number:	1
Board Of Equalization:	Not reported
Referral Date:	01-05-94
Action Date:	03-30-94
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	10-000-042849-000002
Tank Status:	A
Capacity:	4000
Active Date:	02-15-94
Tank Use:	M.V. FUEL
STG:	P
Content:	PRM UNLEADED
Number Of Tanks:	Not reported

AUSTIN PETROLEUM CO INC. (Continued) **S101581625**

Name: AUSTIN PETROLEUM CO INC.
Address: 3164 W MOUNT WHITNEY AVE
City: RIVERDALE
Status: Active
Comp Number: 42849
Number: 1
Board Of Equalization: Not reported
Referral Date: 01-05-94
Action Date: 03-30-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 10-000-042849-000003
Tank Status: A
Capacity: 4000
Active Date: 02-15-94
Tank Use: M.V. FUEL
STG: P
Content: PRM UNLEADED
Number Of Tanks: Not reported

Name: AUSTIN PETROLEUM CO INC.
Address: 3164 W MOUNT WHITNEY AVE
City: RIVERDALE
Status: Active
Comp Number: 42849
Number: 1
Board Of Equalization: Not reported
Referral Date: 01-05-94
Action Date: 03-30-94
Created Date: 02-29-88
Owner Tank Id: Not reported
SWRCB Tank Id: 10-000-042849-000004
Tank Status: A
Capacity: 150
Active Date: 02-15-94
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 10003186
Regulated By: UTNKA
Regulated ID: 00042849
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2098673053
Mail To: Not reported
Mailing Address: PO BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: RIVERDALE 93656
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported

AUSTIN PETROLEUM CO INC. (Continued) **S101581625**

Status: Active

CUPA FRESNO:
Name: UNOCAL
Address: 3164 W MOUNT WHITNEY AVE
City,State,Zip: RIVERDALE, CA 93656
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0170159
APM Number: 05332705T
Program Element: UST REMOVAL/CLOSURE W/4 TANKS

Name: UNOCAL
Address: 3164 W MOUNT WHITNEY AVE
City,State,Zip: RIVERDALE, CA 93656
Region: FRESNO
Cross Street: Not reported
Facility ID: FA0170159
APM Number: 05332705T
Program Element: HAZ MAT DISCLOSURE/CLOSED SITE

26
West
1/8-1/4
0.138 mi.
727 ft.

RIVERDALE PUD - VALENTINE & STRATHEM SITE **CUPA Listings** **S118421444**
S VALENTINE AVE **N/A**
RIVERDALE, CA 93656

Relative:
Higher

Actual:
223 ft.

CUPA FRESNO:
Name: RIVERDALE PUD - VALENTINE & STRATHEM SITE
Address: S VALENTINE AVE
City,State,Zip: RIVERDALE, CA 93656
Region: FRESNO
Cross Street: STRATHEM
Facility ID: FA0284604
APM Number: 05313083T
Program Element: UST REMOVAL/CLOSURE W/1 TANK

C27
SSW
1/8-1/4
0.161 mi.
850 ft.

GET 'N GO 9927 **UST** **U004263831**
3210 MT WHITNEY **N/A**
RIVERDALE, CA 93656

Site 6 of 11 in cluster C

Relative:
Higher

Actual:
223 ft.

UST:
Name: GET 'N GO 9927
Address: 3210 MT WHITNEY
City,State,Zip: RIVERDALE, CA 93656
Facility ID: FA0004631
Permitting Agency: 7000
CERSID: 10174511
Latitude: 36.4312000
Longitude: -119.857500
Owner type: Non-Government
Facility type: Motor Vehicle Fueling
Num of inuse ust: Not reported
Num of closed ust: 0

GET 'N GO 9927 (Continued) **U004263831**

Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	FASTRIP OIL CO.
Tank owner mailing address:	PO BOX 82515
Tank owner mailing city:	BAKERSFIELD
Tank owner mailing zip:	93380-2515
Tank owner mailing state:	CA
Tank operator name:	SOPHEAP SUN NEMOS
Tank operator mailing address:	3210 MT. WHITNEY
Tank operator mailing city:	RIVERDALE
Tank operator mailing zip:	93656
Tank operator mailing state:	CA
Tankidnumber:	T2
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	10/1/1998 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Premium Unleaded
Tank capacity gallons:	12000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

Name:	GET 'N GO 9927
Address:	3210 MT WHITNEY
City,State,Zip:	RIVERDALE, CA 93656
Facility ID:	FA0004631
Permitting Agency:	7000
CERSID:	10174511
Latitude:	36.4312000
Longitude:	-119.857500
Owner type:	Non-Government
Facility type:	Motor Vehicle Fueling
Num of inuse ust:	Not reported
Num of closed ust:	0
Num of oos ust:	0
Epa region:	9
Tribal lands:	No
Tank owner name:	FASTRIP OIL CO.
Tank owner mailing address:	PO BOX 82515
Tank owner mailing city:	BAKERSFIELD
Tank owner mailing zip:	93380-2515
Tank owner mailing state:	CA
Tank operator name:	SOPHEAP SUN NEMOS
Tank operator mailing address:	3210 MT. WHITNEY
Tank operator mailing city:	RIVERDALE
Tank operator mailing zip:	93656

GET 'N GO 9927 (Continued) **U004263831**

Tank operator mailing state:	CA
Tankidnumber:	T1
Tank status:	Confirmed/Updated Information
Tank configuration:	Stand Alone Tank
Tank closure date:	Not reported
Tank installation date:	10/1/1998 12:00:00 AM
Tank num of compartments:	1
Tank contents:	Regular Unleaded
Tank capacity gallons:	12000
Tank type:	Double Wall
Tank pc construction:	Fiberglass
Tank pwpiping construction:	Fiberglass
Tank piping type:	Pressure
Tank piping construction:	Double Walled
Tank sacrificial anode:	No
Tank cp impressed current:	No
Tank cp shutoff:	Yes
Tank alarms:	No
Tank ball float:	No
Tank spill bucket:	Yes

C28 **FASTRIP GASOLINE #927** **UST** **U004126375**
SSW **3210 W MOUNT WHITNEY AVE** **N/A**
1/8-1/4 **RIVERDALE, CA 93656**
0.161 mi.
850 ft. **Site 7 of 11 in cluster C**

Relative:
Higher

Actual:
223 ft.

UST:

Name:	FASTRIP GASOLINE #927
Address:	3210 W MOUNT WHITNEY AVE
City,State,Zip:	RIVERDALE, CA 93656
Facility ID:	FA0004631
Permitting Agency:	FRESNO COUNTY
CERSID:	Not reported
Latitude:	36.432627
Longitude:	-119.856169
Owner type:	Not reported
Facility type:	Not reported
Num of inuse ust:	Not reported
Num of closed ust:	Not reported
Num of oos ust:	Not reported
Epa region:	Not reported
Tribal lands:	Not reported
Tank owner name:	Not reported
Tank owner mailing address:	Not reported
Tank owner mailing city:	Not reported
Tank owner mailing zip:	Not reported
Tank owner mailing state:	Not reported
Tank operator name:	Not reported
Tank operator mailing address:	Not reported
Tank operator mailing city:	Not reported
Tank operator mailing zip:	Not reported
Tank operator mailing state:	Not reported
Tankidnumber:	Not reported
Tank status:	Not reported
Tank configuration:	Not reported
Tank closure date:	Not reported
Tank installation date:	Not reported

FASTRIP GASOLINE #927 (Continued) **U004126375**

Tank num of compartments:	Not reported
Tank contents:	Not reported
Tank capacity gallons:	Not reported
Tank type:	Not reported
Tank pc construction:	Not reported
Tank pwpiping construction:	Not reported
Tank piping type:	Not reported
Tank piping construction:	Not reported
Tank sacrificial anode:	Not reported
Tank cp impressed current:	Not reported
Tank cp shutoff:	Not reported
Tank alarms:	Not reported
Tank ball float:	Not reported
Tank spill bucket:	Not reported

C29 **GET 'N GO 9927** **CERS HAZ WASTE** **S121762274**
SSW **3210 MT WHITNEY** **CERS TANKS** **N/A**
1/8-1/4 **RIVERDALE, CA 93656** **CERS**
0.161 mi.
850 ft. **Site 8 of 11 in cluster C**

Relative:
Higher

Actual:
223 ft.

CERS HAZ WASTE:

Name:	GET 'N GO 9927
Address:	3210 MT WHITNEY
City,State,Zip:	RIVERDALE, CA 93656
Site ID:	33120
CERS ID:	10174511
CERS Description:	Hazardous Waste Generator

CERS TANKS:

Name:	GET 'N GO 9927
Address:	3210 MT WHITNEY
City,State,Zip:	RIVERDALE, CA 93656
Site ID:	33120
CERS ID:	10174511
CERS Description:	Underground Storage Tank

CERS:

Name:	GET 'N GO 9927
Address:	3210 MT WHITNEY
City,State,Zip:	RIVERDALE, CA 93656
Site ID:	33120
CERS ID:	10174511
CERS Description:	Chemical Storage Facilities

Violations:

Site ID:	33120
Site Name:	GET 'N GO 9927
Violation Date:	08-31-2021
Citation:	HSC 6.7 25284.2 - California Health and Safety Code, Chapter 6.7, Section(s) 25284.2
Violation Description:	"Failure to meet one or more of the following requirements: Install or maintain a liquid-tight spill container. Have a minimum capacity of five gallons. Have a functional drain valve or other method for the removal of liquid from the spill container. Be resistant to galvanic corrosion. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container.

GET 'N GO 9927 (Continued) **S121762274**

Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. Tested by a certified UST service technician. Maintain records of spill containment testing for 36 months. "

Violation Notes: Returned to compliance on 08/31/2021. 50. VIOLATION: Failure to meet one or more of the following requirements: 1. Install or maintain a liquid-tight spill container. 2. Have a minimum capacity of five gallons. 3. Have a functional drain valve or other method for the removal of liquid from the spill container. 4. Be resistant to galvanic corrosion. 5. Perform a tightness test at installation, every 12 months thereafter, or within 30 days after a repair to the spill container. 6. Tested using applicable manufacturer guidelines, industry codes, engineering standards, or a method approved by a professional engineer. 7. Tested by a certified UST service technician. 8. Maintain records of spill containment testing for 36 months. (23 CCR 16 2635(b), 2637.1(a), 2637.1(b), 2637.1(c), 2665(a), 2665(b), 2712(b)(1)(F); HSC 6.7 25284.2) OBSERVATION: Owner/Operator failed to meet one or more of the following spill container requirements:

Violation Division: Fresno County Department of Public Health
Violation Program: UST
Violation Source: CERS,

Site ID: 33120
Site Name: GET 'N GO 9927
Violation Date: 08-31-2021
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: Returned to compliance on 10/13/2021. 52. VIOLATION: Failure to comply with one or more of the following overfill prevention equipment requirements: 1. 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 2. Restrict delivery of flow to the tank

GET 'N GO 9927 (Continued) **S121762274**

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 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or 4. 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. 5. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment requirements

Violation Division: Fresno County Department of Public Health
Violation Program: UST
Violation Source: CERS,

Site ID: 33120
Site Name: GET 'N GO 9927
Violation Date: 08-19-2013
Citation: HSC 6.7 25281.5(b)(2) - California Health and Safety Code, Chapter 6.7, Section(s) 25281.5(b)(2)
Violation Description: Failure to conduct daily inspection of the piping and maintain a log of inspection results for review by the CUPA.
Violation Notes: Returned to compliance on 10/04/2013.
Violation Division: Fresno County Department of Public Health
Violation Program: UST
Violation Source: CERS,

Site ID: 33120
Site Name: GET 'N GO 9927
Violation Date: 08-19-2013
Citation: 23 CCR 16 2665 - California Code of Regulations, Title 23, Chapter 16, Section(s) 2665
Violation Description: Failure of the overfill prevention system to meet one of the following requirements: 1. 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 2. 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 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or 4. 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.
Violation Notes: Returned to compliance on 10/04/2013. AUDIBLE AND VISUAL ALARM NOT WORKING.
Violation Division: Fresno County Department of Public Health
Violation Program: UST
Violation Source: CERS,

Site ID: 33120
Site Name: GET 'N GO 9927
Violation Date: 08-31-2021
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

GET 'N GO 9927 (Continued) **S121762274**

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: Returned to compliance on 10/13/2021. 52. VIOLATION: Failure to comply with one or more of the following overfill prevention equipment requirements: 1. 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 2. 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 3. Provide positive shut-off of flow to the tank when the tank is filled to no more than 95 percent of capacity; or 4. 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. 5. Install/retrofit overfill prevention equipment that does not use flow restrictors on vent piping to meet overfill prevention equipment

Violation Division: Fresno County Department of Public Health
Violation Program: UST
Violation Source: CERS,

Evaluation:

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-16-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: MC inspection
Eval Division: Fresno County Department of Public Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-18-2014
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: MC
Eval Division: Fresno County Department of Public Health
Eval Program: UST

GET 'N GO 9927 (Continued) **S121762274**

Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-18-2015
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: MC inspection
Eval Division: Fresno County Department of Public Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HW
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-08-2023
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: AMC inspection conducted today. No violations were observed at the time of inspection. - SB989 secondary containment test was done on 10/19/20 with passing results. Next test due by 10/31/23. - OPE test done on 10/8/21. Next test due by 10/31/24.
Eval Division: Fresno County Department of Public Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2013
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: MC - NO PTO, OVERFILL ALARN NOT WORKING
Eval Division: Fresno County Department of Public Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2019
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: UST inspection.
Eval Division: Fresno County Department of Public Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-31-2021
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: To Whom it May Concern, This Monitoring Equipment Certification (AMC) Inspection report is being generated as a result of the CUPA entering the inspection into their database. If there are violations listed on

GET 'N GO 9927 (Continued) **S121762274**

this report and they have not been corrected, please correct them immediately to avoid further enforcement by this Department. If you have any questions or concerns please feel free to contact your assigned inspector, David Oung at (559) 600-3271. Best Regards, David Oung

Eval Division: Fresno County Department of Public Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Other/Unknown
Eval Date: 10-04-2013
Violations Found: No
Eval Type: Other, not routine, done by local agency
Eval Notes: overfill alarm reinspection
Eval Division: Fresno County Department of Public Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2013
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: BP
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: MC
Eval Division: Fresno County Department of Public Health
Eval Program: UST
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2022
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-19-2016
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: Not reported
Eval Division: Fresno County Department of Public Health
Eval Program: HMRRP
Eval Source: CERS,

Eval General Type: Compliance Evaluation Inspection
Eval Date: 08-25-2022
Violations Found: No

GET 'N GO 9927 (Continued) **S121762274**

Eval Type: Routine done by local agency
Eval Notes: AMC Technician: Matthew, UST Confidence Overfull bucket replaced today. Obtain permit.
Eval Division: Fresno County Department of Public Health
Eval Program: UST
Eval Source: CERS,

Affiliation:
Affiliation Type Desc: Environmental Contact
Entity Name: Jason Rabanal
Entity Title: Not reported
Affiliation Address: PO BOX 82515
Affiliation City: BAKERSFIELD
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93380-2515
Affiliation Phone: ,

Affiliation Type Desc: CUPA District
Entity Name: Fresno County Community Health Department
Entity Title: Not reported
Affiliation Address: 1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 93775
Affiliation Phone: (559) 600-3271,

Affiliation Type Desc: Legal Owner
Entity Name: FASTRIP OIL CO.
Entity Title: Not reported
Affiliation Address: PO BOX 82515
Affiliation City: BAKERSFIELD
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93380-2515
Affiliation Phone: (661) 393-7000,

Affiliation Type Desc: Property Owner
Entity Name: SOPHEAP SUN NEMOS
Entity Title: Not reported
Affiliation Address: 3210 MT. WHITNEY
Affiliation City: RIVERDALE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93656
Affiliation Phone: (559) 867-3684,

Affiliation Type Desc: UST Tank Operator
Entity Name: SOPHEAP SUN NEMOS
Entity Title: Not reported
Affiliation Address: 3210 MT. WHITNEY
Affiliation City: RIVERDALE
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 93656
Affiliation Phone: (559) 867-3684,

GET 'N GO 9927 (Continued) **S121762274**

Affiliation Type Desc:	Document Preparer
Entity Name:	Jason Rabanal
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	PO BOX 82515
Affiliation City:	BAKERSFIELD
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93380-2515
Affiliation Phone:	,

Affiliation Type Desc:	Identification Signer
Entity Name:	R. CRAIG LINCOLN
Entity Title:	DIRECTOR CONSTRUCTION & MAINTENANCE
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Parent Corporation
Entity Name:	FASTRIP OIL CO.
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	UST Permit Applicant
Entity Name:	R. CRAIG LINCOLN
Entity Title:	DIR CONST & MAINT
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	(661) 633-7555,

Affiliation Type Desc:	Operator
Entity Name:	SOPHEAP SUN NEMOS
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported

GET 'N GO 9927 (Continued) **S121762274**

Affiliation Zip:	Not reported
Affiliation Phone:	(559) 867-3684,
Affiliation Type Desc:	UST Property Owner Name
Entity Name:	SOPHEAP SUN NEMOS
Entity Title:	Not reported
Affiliation Address:	3210 MT. WHITNEY
Affiliation City:	RIVERDALE
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93656
Affiliation Phone:	(559) 867-3684,
Affiliation Type Desc:	UST Tank Owner
Entity Name:	FASTRIP OIL CO.
Entity Title:	Not reported
Affiliation Address:	PO BOX 82515
Affiliation City:	BAKERSFIELD
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93380-2515
Affiliation Phone:	(661) 393-7000,

C30 **FASTRIP OIL COMPANY #927 LOVEY'S MARKET FOOD & GAS** **RCRA NonGen / NLR** **1024809088**
SSW **3210 MOUNT WHITNEY** **E MANIFEST** **CAL000282802**
1/8-1/4 **RIVERDALE, CA 93656**
0.161 mi.
850 ft. **Site 9 of 11 in cluster C**

Relative: **Higher**

Actual: **223 ft.**

RCRA Listings:

Date Form Received by Agency:	20040602
Handler Name:	Fastrip Oil Company #927 Lovey'S Market Food & Gas
Handler Address:	3210 Mount Whitney
Handler City,State,Zip:	RIVERDALE, CA 93656
EPA ID:	CAL000282802
Contact Name:	CRAIG LINCOLN
Contact Address:	PO BOX 82515
Contact City,State,Zip:	BAKERSFIELD, CA 93380
Contact Telephone:	661-393-7000
Contact Fax:	855-884-1414
Contact Email:	CRAIGL@JACO.COM
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	PO BOX 82515
Mailing City,State,Zip:	BAKERSFIELD, CA 93380-2515
Owner Name:	Jaco Hill #339 Fastrip #16
Owner Type:	Other
Operator Name:	Craig Lincoln
Operator Type:	Other

FASTRIP OIL COMPANY #927 LOVEY'S MARKET FOOD & GAS (Continued) **1024809088**

Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: CRAIG LINCOLN	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 82515
Owner/Operator City,State,Zip:	BAKERSFIELD, CA 93380
Owner/Operator Telephone:	661-393-7000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Owner
Owner/Operator Name: JACO HILL #339 FASTRIP #16	

FASTRIP OIL COMPANY #927 LOVEY'S MARKET FOOD & GAS (Continued) **1024809088**

Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	PO BOX 82515
Owner/Operator City,State,Zip:	BAKERSFIELD, CA 93380-2515
Owner/Operator Telephone:	661-393-7000
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20040602
Handler Name:	FASTRIP OIL COMPANY #927 LOVEY'S MARKET FOOD & GAS
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Code:	44711
NAICS Description:	GASOLINE STATIONS WITH CONVENIENCE STORES

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

E MANIFEST:

Manifest Tracking Number:	016581186FLE
Last Updated Date:	20220210
Shipped Date:	20220107
Received Date:	20220113
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000282802
Generator Name:	Fastrip Oil Company #927 Lovey'S Market Food & Gas
Generator Location Street Number:	Not reported
Generator Location Street 1:	3210 MOUNT WHITNEY
Generator Location Street 2:	Not reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	PO BOX 82515
Generator Mail Street 2:	Not reported
Generator Mail City:	BAKERSFIELD

FASTRIP OIL COMPANY #927 LOVEY'S MARKET FOOD & GAS (Continued) **1024809088**

Generator Mail Zip:	93380-2515
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	016581186FLE
Waste Line Number:	1
State Waste Code Owner:	CA
State Waste Code:	134
State Waste:	Aqueous solution with <10% total organic residues

Transporter:

Manifest Tracking Number:	016581186FLE
Transporter Line Number:	1
Transporter EPA ID:	CAR000183913
Transporter Name:	Belshire Transportation Services Inc

Manifest Tracking Number:	016581186FLE
Transporter Line Number:	2
Transporter EPA ID:	CAT080016116
Transporter Name:	Nieto And Sons Trucking Inc

Waste Line:

Manifest Tracking Number:	016581186FLE
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	Y
U.S. DOT ID Number:	UN1203
U.S. DOT Description:	Un1203, Gasoline Mixture, 3, Pg Ii
Non-Hazardous Waste Description:	Not reported
Number of Containers:	4
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	200
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	0.83402836
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.83402836
Waste Quantity, in Kilograms:	756.4888

FASTRIP OIL COMPANY #927 LOVEY'S MARKET FOOD & GAS (Continued) **1024809088**

Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	756.4888
Management Method Code:	H039
Management Method Description:	OTHER RECOVERY OR RECLAMATION FOR REUSE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

C31 **CIRCLE K STORE #1331** **SWEEPS UST** **1000174174**
SSW **3210 W MT WHITNEY AVE** **HIST UST** **CAD981681158**
1/8-1/4 **RIVERDALE, CA 93656** **CA FID UST**
0.161 mi. **RCRA NonGen / NLR**
850 ft. **Site 10 of 11 in cluster C** **FINDS**
ECHO
Relative: Higher **CUPA Listings**

Actual: 223 ft.

SWEEPS UST:

Name:	CIRCLE K #1331
Address:	3210 W MOUNT WHITNEY AVE
City:	RIVERDALE
Status:	Active
Comp Number:	13751
Number:	1
Board Of Equalization:	44-032073
Referral Date:	05-28-92
Action Date:	01-29-93
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	10-000-013751-000001
Tank Status:	A
Capacity:	8000
Active Date:	05-15-89
Tank Use:	M.V. FUEL
STG:	P
Content:	LEADED
Number Of Tanks:	3

Name:	CIRCLE K #1331
Address:	3210 W MOUNT WHITNEY AVE
City:	RIVERDALE
Status:	Active
Comp Number:	13751
Number:	1
Board Of Equalization:	44-032073
Referral Date:	05-28-92
Action Date:	01-29-93
Created Date:	02-29-88

CIRCLE K STORE #1331 (Continued) **1000174174**

Owner Tank Id: 2
SWRCB Tank Id: 10-000-013751-000002
Tank Status: A
Capacity: 8000
Active Date: 05-15-89
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Name: CIRCLE K #1331
Address: 3210 W MOUNT WHITNEY AVE
City: RIVERDALE
Status: Active
Comp Number: 13751
Number: 1
Board Of Equalization: 44-032073
Referral Date: 05-28-92
Action Date: 01-29-93
Created Date: 02-29-88
Owner Tank Id: 3
SWRCB Tank Id: 10-000-013751-000003
Tank Status: A
Capacity: 8000
Active Date: 05-15-89
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

HIST UST:
Name: CIRCLE K 1331
Address: 3201 MT WHITNEY AVE
City,State,Zip: RIVERDALE, CA 93656
File Number: 00023c64

URL:
Region: STATE
Facility ID: 00000013751
Facility Type: Gas Station
Other Type: Not reported
Contact Name: JIM CHADWICK
Telephone: 8058673487
Owner Name: CIRCLE K CORPORATION
Owner Address: 4500 SOUTH 40TH STREET
Owner City,St,Zip: PHOENIX, AZ 85040
Total Tanks: 0003

Tank Num: 001
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

CIRCLE K STORE #1331 (Continued) **1000174174**

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	003
Container Num:	3
Year Installed:	Not reported
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	PREMIUM
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

CA FID UST:

Facility ID:	10001990
Regulated By:	UTNKA
Regulated ID:	00013751
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2098673487
Mail To:	Not reported
Mailing Address:	PO BOX
Mailing Address 2:	Not reported
Mailing City,St,Zip:	RIVERDALE 93656
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

RCRA Listings:

Date Form Received by Agency:	19930610
Handler Name:	Circle K Store #1331
Handler Address:	3210 W Mt Whitney Ave
Handler City,State,Zip:	RIVERDALE, CA 93656
EPA ID:	CAD981681158
Contact Name:	ENVIRONMENTAL MANAGER
Contact Address:	3210 W MT WHITNEY AVE
Contact City,State,Zip:	RIVERSIDE, CA 93656
Contact Telephone:	916-334-2445
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported

CIRCLE K STORE #1331 (Continued) **1000174174**

Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Ca
State District:	5
Mailing Address:	5811 MANZANITA AVE
Mailing City,State,Zip:	CARMICHAEL, CA 95608
Owner Name:	Circle K Corp
Owner Type:	Private
Operator Name:	Not Required
Operator Type:	Private
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Operator
Owner/Operator Name: NOT REQUIRED	
Legal Status:	Private

CIRCLE K STORE #1331 (Continued) **1000174174**

Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported
Owner/Operator Indicator:	Owner
Owner/Operator Name: CIRCLE K CORP	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	NOT REQUIRED
Owner/Operator City,State,Zip:	NOT REQUIRED, ME 99999
Owner/Operator Telephone:	415-555-1212
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	19930610
Handler Name: CIRCLE K STORE #1331	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Ca
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

List of NAICS Codes and Descriptions:

NAICS Codes:	No NAICS Codes Found

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

FINDS:

Registry ID:	110009539785

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many

CIRCLE K STORE #1331 (Continued) **1000174174**

types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

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

ECHO:
Envid: 1000174174
Registry ID: 110009539785

DFR URL:
Name: CIRCLE K STORE #1331
Address: 3210 W MT WHITNEY AVE
City,State,Zip: RIVERDALE, CA 93656

CUPA FRESNO:
Name: GET 'N GO #9927
Address: 3210 W MOUNT WHITNEY AVE
City,State,Zip: RIVERDALE, CA 93656
Region: FRESNO
Cross Street: HAZEL
Facility ID: FA0004631
APM Number: 05332609
Program Element: UST FACILITY WITH 1 TO 3 TANKS

Name: GET 'N GO #9927
Address: 3210 W MOUNT WHITNEY AVE
City,State,Zip: RIVERDALE, CA 93656
Region: FRESNO
Cross Street: HAZEL
Facility ID: FA0004631
APM Number: 05332609
Program Element: MV FUEL/OIL/PROPANE ONLY IN AGST/UST MODEL PL

Name: GET 'N GO #9927
Address: 3210 W MOUNT WHITNEY AVE
City,State,Zip: RIVERDALE, CA 93656
Region: FRESNO
Cross Street: HAZEL
Facility ID: FA0004631
APM Number: 05332609
Program Element: UST REMOVAL/CLOSURE W/3 TANKS

Name: GET 'N GO #9927
Address: 3210 W MOUNT WHITNEY AVE
City,State,Zip: RIVERDALE, CA 93656
Region: FRESNO
Cross Street: HAZEL
Facility ID: FA0004631
APM Number: 05332609
Program Element: HAZARDOUS WASTE GENERATOR (CESQG)

C32 **GET 'N GO 9927** **UST FINDER** **1028183746**
SSW **3210 MT WHITNEY** **N/A**
1/8-1/4 **RIVERDALE, CA 93656**
0.161 mi.
850 ft. **Site 11 of 11 in cluster C**

Relative:
Higher

Actual:
223 ft.

UST FINDER:

Object ID:	727977
Facility ID:	CA10174511
Name:	GET 'N GO 9927
Address:	3210 MT WHITNEY
City,State,Zip:	RIVERDALE, CA 93656
Address Match Type:	PointAddress
Open USTs:	2
Closed USTs:	Not reported
TOS USTs:	Not reported
Population 1500ft:	552
Private Wells 1500ft:	15
Within 100yr Floodplain:	No
Land Use:	Developed, Medium Intensity
Within SPA:	Not reported
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA1010028_64710
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180300090103
Facility Status:	Open UST(s)
Date of Last Inspection:	Not reported
EPA Region:	9
Tribe:	Not reported
Coordinate Source:	Geocode
X Coord:	-119.857516978
Y Coord:	36.431276
Latitude:	36.4312760003057
Longitude:	-119.85751697787

UST FINDER:

Object ID:	2249170
Facility ID:	CA10174511
Tank ID:	CA10174511-002_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	1998/10/01 15:59:59+00
Removal Date:	Not reported
Tank Capacity:	12000
Substances:	Premium Unleaded
Tank Wall Type:	Double Wall

Object ID:	2249171
Facility ID:	CA10174511
Tank ID:	CA10174511-001_A Stand-alone Tank_1
Tank Status:	Open
Installation Date:	1998/10/01 15:59:59+00
Removal Date:	Not reported
Tank Capacity:	12000
Substances:	Regular Unleaded
Tank Wall Type:	Double Wall

33 SSW 1/8-1/4 0.175 mi. 924 ft.

COUNTY OF FRESNO
3296 W. MT WHITNEY AVE
RIVERDALE, CA 93656

RCRA NonGen / NLR
E MANIFEST

1026473330
CAC003078996

Relative: Higher

Actual: 223 ft.

RCRA Listings:

Date Form Received by Agency:	20200812
Handler Name:	County Of Fresno
Handler Address:	3296 W. Mt Whitney Ave
Handler City,State,Zip:	RIVERDALE, CA 93656
EPA ID:	CAC003078996
Contact Name:	NAOMI MURPHY
Contact Address:	2220 TULARE STREET
Contact City,State,Zip:	FRESNO, CA 93721
Contact Telephone:	559-360-5059
Contact Fax:	559-600-4552
Contact Email:	NMURPHY@FRESNOCOUNTYCA.GOV
Contact Title:	Not reported
EPA Region:	09
Land Type:	Not reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Not reported
State District Owner:	Not reported
State District:	Not reported
Mailing Address:	2220 TULARE STREET
Mailing City,State,Zip:	FRESNO, CA 93721
Owner Name:	County Of Fresno
Owner Type:	Other
Operator Name:	Naomi Murphy
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No

COUNTY OF FRESNO (Continued) **1026473330**

Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20200814
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: COUNTY OF FRESNO	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2220 TULARE STREET
Owner/Operator City,State,Zip:	FRESNO, CA 93721
Owner/Operator Telephone:	559-600-0510
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Owner/Operator Indicator:	Operator
Owner/Operator Name: NAOMI MURPHY	
Legal Status:	Other
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	2220 TULARE STREET
Owner/Operator City,State,Zip:	FRESNO, CA 93721
Owner/Operator Telephone:	559-360-5059
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

Historic Generators:

Receive Date:	20200812
Handler Name: COUNTY OF FRESNO	
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not reported
Electronic Manifest Broker:	Not reported

COUNTY OF FRESNO (Continued) **1026473330**

List of NAICS Codes and Descriptions:
NAICS Code: 811111
NAICS Description: GENERAL AUTOMOTIVE REPAIR

Facility Has Received Notices of Violations:
Violations: No Violations Found

Evaluation Action Summary:
Evaluations: No Evaluations Found

E MANIFEST:

Manifest Tracking Number:	021702026JJK
Last Updated Date:	20200923
Shipped Date:	20200819
Received Date:	20200828
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAC003078996
Generator Name:	County Of Fresno
Generator Location Street Number:	Not reported
Generator Location Street 1:	3296 W. MT WHITNEY AVE
Generator Location Street 2:	Not reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656
Generator Mail Street Number:	Not reported
Generator Mail Street 1:	2220 TULARE STREET
Generator Mail Street 2:	Not reported
Generator Mail City:	FRESNO
Generator Mail Zip:	93721
Generator Mail State:	CA
Generator Contact Company Name:	Not reported
Designated Facility EPA ID:	CAT080013352
Designated Facility Name:	World Oil Recycling
Designated Facility Mail Street Number:	2000
Designated Facility Mail Street 1:	CA90222 CA037US 2000
Designated Facility Mail Street 2:	N. ALAMEDA STREET
Designated Facility Mail City:	COMPTON
Designated Facility Mail Zip:	90222
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	2000
Designated Facility Location Street 1:	N. ALAMEDA STREET
Designated Facility Location Street 2:	Not reported
Designated Facility Location City:	COMPTON
Designated Facility Location Zip:	90222-0000
Designated Facility Location State:	CA
Designated Facility Contact Company Name:	Not reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

State Waste:

Manifest Tracking Number:	021702026JJK
Waste Line Number:	1

COUNTY OF FRESNO (Continued) **1026473330**

State Waste Code Owner: CA
State Waste Code: 223
State Waste: Unspecified oil-containing waste

Manifest Tracking Number: 021702026JJK
Waste Line Number: 2
State Waste Code Owner: CA
State Waste Code: 223
State Waste: Unspecified oil-containing waste

Transporter:
Manifest Tracking Number: 021702026JJK
Transporter Line Number: 1
Transporter EPA ID: CAD028277036
Transporter Name: Asbury Environmental Services Dba World Oil Enviromental Services

Waste Line:
Manifest Tracking Number: 021702026JJK
Waste Line Number: 1
U.S. DOT Hazardous Indicator: N
U.S. DOT ID Number: Not reported
U.S. DOT Description: Not reported
Non-Hazardous Waste Description: Non-RCRA Hazardous Waste, liquid (oily water)
Number of Containers: 3
Container Type Code: DM
Container Type Description: Metal drums, barrels, kegs
Waste Quantity: 150
Quantity Unit of Measure Code: G
Quantity Unit of Measure Description: Gallons
Waste Quantity, in Tons: 0.62552124
Acute Waste Quantity, in Tons: 0
Non-Acute Waste Quantity, in Tons: 0.62552124
Waste Quantity, in Kilograms: 567.3666
Acute Waste Quantity, in Kilograms: 0
Non-Acute Waste Quantity, in Kilorgrams: 567.3666
Management Method Code: H039
Management Method Description: OTHER RECOVERY OR RECLAMATION FOR REUSE
Waste Residue Indicator: N
Quantity Discrepancy Indicator: N
Waste Type Discrepancy Indicator: N
Waste Density: Not reported
Waste Density Unit of Measure Code: Not reported
Waste Density Unit of Measure Description: Not reported
Form Code: Not reported
Form Code Description: Not reported
Source Code: Not reported
Source Code Description: Not reported
Waste Minimization Code: Not reported
Waste Minimization Code Description: Not reported
Consent Number: Not reported
EPA Waste Indicator: N

Manifest Tracking Number: 021702026JJK
Waste Line Number: 2
U.S. DOT Hazardous Indicator: N
U.S. DOT ID Number: Not reported

COUNTY OF FRESNO (Continued) **1026473330**

U.S. DOT Description:	Not reported
Non-Hazardous Waste Description:	Non-RCRA Hazardous Waste, liquid (used oil, mixed oil)
Number of Containers:	5
Container Type Code:	DM
Container Type Description:	Metal drums, barrels, kegs
Waste Quantity:	250
Quantity Unit of Measure Code:	G
Quantity Unit of Measure Description:	Gallons
Waste Quantity, in Tons:	1.0425354
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	1.0425354
Waste Quantity, in Kilograms:	945.61096
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	945.61096
Management Method Code:	H039
Management Method Description:	OTHER RECOVERY OR RECLAMATION FOR REUSE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not reported
Waste Density Unit of Measure Code:	Not reported
Waste Density Unit of Measure Description:	Not reported
Form Code:	Not reported
Form Code Description:	Not reported
Source Code:	Not reported
Source Code Description:	Not reported
Waste Minimization Code:	Not reported
Waste Minimization Code Description:	Not reported
Consent Number:	Not reported
EPA Waste Indicator:	N

E34 **RIVERDALE PUBLIC UTILITY DISTR** **SWEEPS UST** **S101621322**
SW **20945 HASLAM ST** **CA FID UST** **N/A**
1/8-1/4 **RIVERDALE, CA 93656** **CUPA Listings**
0.192 mi. **HWTS**
1015 ft. **Site 1 of 2 in cluster E** **HAZNET**

Relative:
Higher

Actual:
223 ft.

SWEEPS UST:

Name:	RIVERDALE PUBLIC UTILITY DISTR
Address:	20945 HASLAM ST
City:	RIVERDALE
Status:	Active
Comp Number:	58251
Number:	9
Board Of Equalization:	44-004541
Referral Date:	07-01-85
Action Date:	Not reported
Created Date:	02-29-88
Owner Tank Id:	1
SWRCB Tank Id:	10-000-058251-000001
Tank Status:	A
Capacity:	500
Active Date:	07-01-85
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	2

RIVERDALE PUBLIC UTILITY DISTR (Continued) **S101621322**

Name: RIVERDALE PUBLIC UTILITY DISTR
Address: 20945 HASLAM ST
City: RIVERDALE
Status: Active
Comp Number: 58251
Number: 9
Board Of Equalization: 44-004541
Referral Date: 07-01-85
Action Date: Not reported
Created Date: 02-29-88
Owner Tank Id: 2
SWRCB Tank Id: 10-000-058251-000002
Tank Status: A
Capacity: 500
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

CA FID UST:
Facility ID: 10008201
Regulated By: UTNKA
Regulated ID: 00058251
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: 2098673838
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: RIVERDALE 93656
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

CUPA FRESNO:
Name: RIVERDALE PUBLIC UTILITY DISTRICT
Address: 20945 HASLAM AVE
City,State,Zip: RIVERDALE, CA 93656
Region: FRESNO
Cross Street: HENSON
Facility ID: FA0270460
APM Number: 05332418T
Program Element: HAZ MAT DISCLOSURE-BELOW REPORTING QUANTITY

Name: RIVERDALE PUBLIC UTILITY DISTRICT
Address: 20945 HASLAM AVE
City,State,Zip: RIVERDALE, CA 93656
Region: FRESNO
Cross Street: HENSON
Facility ID: FA0270460
APM Number: 05332418T

RIVERDALE PUBLIC UTILITY DISTR (Continued) **S101621322**

Program Element: EXTREMELY HAZARDOUS SUBSTANCE HANDLER (EPCRA)

Name: RIVERDALE PUBLIC UTILITY DISTRICT
Address: 20945 HASLAM AVE
City,State,Zip: RIVERDALE, CA 93656
Region: FRESNO
Cross Street: HENSON
Facility ID: FA0270460
APM Number: 05332418T
Program Element: UST REMOVAL/CLOSURE W/2 TANKS

HWTS:
Name: RIVERDALE PUBLIC UTILITY DISTRICT
Address: 20945 HASLAM ST
Address 2: Not reported
City,State,Zip: RIVERDALE, CA 93656
EPA ID: CAC002809153
Inactive Date: 06/30/2015
Create Date: 03/31/2015
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: 20945 HASLAM AVE
Mailing Address 2: Not reported
Mailing City,State,Zip: RIVERDALE, CA 93656
Owner Name: RON DASS
Owner Address: 20945 HASLAM AVE
Owner Address 2: Not reported
Owner City,State,Zip: RIVERDALE, CA 93656
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: RON DASS
Contact Address: 20945 HASLAM AVE
Contact Address 2: Not reported
City,State,Zip: RIVERDALE, CA 93656
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Inactive
Facility Type: TEMPORARY
Category: STATE
Latitude: 36.431385
Longitude: -119.858543

HAZNET:
Name: RIVERDALE PUBLIC UTILITY DISTRICT
Address: 20945 HASLAM ST
Address 2: Not reported
City,State,Zip: RIVERDALE, CA 93656
Contact: RON DASS
Telephone: 5598673838
Mailing Name: Not reported
Mailing Address: 20945 HASLAM AVE

Year: 2015
Gepaid: CAC002809153
TSD EPA ID: CAL000282598
CA Waste Code: 223 - Unspecified oil-containing waste

RIVERDALE PUBLIC UTILITY DISTR (Continued) **S101621322**

Disposal Method: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.251

Additional Information:
Year: 2015
Gen EPA ID: CAC002809153

Shipment Date: 20150412
Creation Date: 7/8/2015 22:15:37
Receipt Date: 20150422
Manifest ID: 002501639GBF
Trans EPA ID: CAL000327867
Trans Name: KERN OIL FILTER RECYCLING
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
Waste Code Description: 223 - Unspecified oil-containing waste
RCRA Code: Not reported
Meth Code: H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons: 1.251
Waste Quantity: 300
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

E35 **RIVERDALE PUBLIC UTILITY DISTR** **HIST UST** **U001590400**
SW **20945 HASLAM STREET** **N/A**
1/8-1/4 **RIVERDALE, CA 93656**
0.192 mi.
1015 ft. **Site 2 of 2 in cluster E**

Relative:
Higher

Actual:
223 ft.

HIST UST:
Name: RIVERDALE PUBLIC UTILITY DISTR
Address: 20945 HASLAM STREET
City,State,Zip: RIVERDALE, CA 93656
File Number: 0002507e

URL:
Region: STATE
Facility ID: 00000058251
Facility Type: Other
Other Type: UTILITIES-WATER & SE
Contact Name: RONALD L. BASS
Telephone: 2098673838
Owner Name: RIVERDALE PUBLIC UTILITY DISTR
Owner Address: 20945 HASLAM STREET
Owner City,St,Zip: RIVERDALE, CA 93656
Total Tanks: 0002

RIVERDALE PUBLIC UTILITY DISTR (Continued) **U001590400**

Tank Num:	001
Container Num:	1
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	2
Year Installed:	Not reported
Tank Capacity:	00000500
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Click here for Geo Tracker PDF:

F36 **D&D CHEVRON** **CUPA Listings** **S121140336**
SW **3410 W MOUNT WHITNEY AVE** **N/A**
1/8-1/4 **RIVERDALE, CA 93656**
0.237 mi.
1254 ft. **Site 1 of 6 in cluster F**

Relative:
Higher

Actual:
223 ft.

CUPA FRESNO:

Name:	D&D CHEVRON
Address:	3410 W MOUNT WHITNEY AVE
City,State,Zip:	RIVERDALE, CA 93656
Region:	FRESNO
Cross Street:	VALENTINE
Facility ID:	FA0170655
APM Number:	05332208
Program Element:	UST REMOVAL/CLOSURE W/4 TANKS

Name:	D&D CHEVRON
Address:	3410 W MOUNT WHITNEY AVE
City,State,Zip:	RIVERDALE, CA 93656
Region:	FRESNO
Cross Street:	VALENTINE
Facility ID:	FA0170655
APM Number:	05332208
Program Element:	FORMER CONTAMINATED SITE/NO FURTHER ACTION

F37 **CASMEROS CHEV SERV** **HIST UST** **U001590375**
SW **3410 MT WHITNEY AVE** **N/A**
1/8-1/4 **RIVERDALE, CA 93656**
0.237 mi.
1254 ft. **Site 2 of 6 in cluster F**

Relative:
Higher

Actual:
223 ft.

HIST UST:

Name:	CASMEROS CHEV SERV
Address:	3410 MT WHITNEY AVE
City,State,Zip:	RIVERDALE, CA 93656
File Number:	00023842

CASMEROS CHEV SERV (Continued) **U001590375**

URL:
Region: STATE
Facility ID: 00000009681
Facility Type: Gas Station
Other Type: Not reported
Contact Name: DEALER
Telephone: 2098673060
Owner Name: ARDELL M. CASMERO
Owner Address: 3410 MT. WHITNEY AVE.
Owner City,St,Zip: RIVERDALE, CA 93656
Total Tanks: 0004

Tank Num: 001
Container Num: I
Year Installed: 1939
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, None

Tank Num: 002
Container Num: II
Year Installed: 1939
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, None

Tank Num: 003
Container Num: III
Year Installed: 1939
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, None

Tank Num: 004
Container Num: IV
Year Installed: 1939
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor, None

Click here for Geo Tracker PDF:

F38
SW
1/8-1/4
0.237 mi.
1254 ft.

D & D CHEVRON/JOHN DIAS
3410 W MOUNT WHITNEY AVE
RIVERDALE, CA 93656

Site 3 of 6 in cluster F

SWEEPS UST **S101581346**
CA FID UST **N/A**

Relative:
Higher

Actual:
223 ft.

SWEEPS UST:

Name:	D & D CHEVRON/JOHN DIAS
Address:	3410 W MOUNT WHITNEY AVE
City:	RIVERDALE
Status:	Not reported
Comp Number:	9681
Number:	Not reported
Board Of Equalization:	44-003625
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	10-000-009681-000001
Tank Status:	Not reported
Capacity:	500
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	GASOLINE
Number Of Tanks:	4

Name:	D & D CHEVRON/JOHN DIAS
Address:	3410 W MOUNT WHITNEY AVE
City:	RIVERDALE
Status:	Not reported
Comp Number:	9681
Number:	Not reported
Board Of Equalization:	44-003625
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	10-000-009681-000002
Tank Status:	Not reported
Capacity:	500
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	GASOLINE
Number Of Tanks:	Not reported

Name:	D & D CHEVRON/JOHN DIAS
Address:	3410 W MOUNT WHITNEY AVE
City:	RIVERDALE
Status:	Not reported
Comp Number:	9681
Number:	Not reported
Board Of Equalization:	44-003625
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	10-000-009681-000003

D & D CHEVRON/JOHN DIAS (Continued) **S101581346**

Tank Status:	Not reported
Capacity:	500
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	GASOLINE
Number Of Tanks:	Not reported

Name:	D & D CHEVRON/JOHN DIAS
Address:	3410 W MOUNT WHITNEY AVE
City:	RIVERDALE
Status:	Not reported
Comp Number:	9681
Number:	Not reported
Board Of Equalization:	44-003625
Referral Date:	Not reported
Action Date:	Not reported
Created Date:	Not reported
Owner Tank Id:	Not reported
SWRCB Tank Id:	10-000-009681-000004
Tank Status:	Not reported
Capacity:	500
Active Date:	Not reported
Tank Use:	M.V. FUEL
STG:	PRODUCT
Content:	GASOLINE
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	10000265
Regulated By:	UTNKI
Regulated ID:	00009681
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2098674321
Mail To:	Not reported
Mailing Address:	PO BOX 247
Mailing Address 2:	Not reported
Mailing City,St,Zip:	RIVERDALE 93656
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Inactive

F39 **TORONJITA TIRES** **CUPA Listings** **S121141609**
SW **3410 W MOUNT WHITNEY AVE** **N/A**
1/8-1/4 **RIVERDALE, CA 93656**
0.237 mi.
1254 ft. **Site 4 of 6 in cluster F**

Relative:
Higher

Actual:
223 ft.

CUPA FRESNO:

Name:	TORONJITA TIRES
Address:	3410 W MOUNT WHITNEY AVE
City,State,Zip:	RIVERDALE, CA 93656

TORONJITA TIRES (Continued) **S121141609**

Region: FRESNO
Cross Street: VALENTINE
Facility ID: FA0280255
APM Number: 05332208
Program Element: WASTE TIRE FACILITY

F40 **D & D CHEVRON** **LUST** **S101294665**
SW **3410 MT WHITNEY** **Cortese** **N/A**
1/8-1/4 **RIVERDALE, CA 93656** **HIST CORTESE**
0.237 mi. **CERS**
1254 ft. **Site 5 of 6 in cluster F**

Relative:
Higher

Actual:
223 ft.

LUST:
Name: D & D CHEVRON
Address: 3410 MT WHITNEY W
City,State,Zip: RIVERDALE, CA 93656
Lead Agency: CENTRAL VALLEY RWQCB (REGION 5F)
Case Type: LUST Cleanup Site

Geo Track:
Global Id: T0601900290
Latitude: 36.431278
Longitude: -119.859915
Status: Completed - Case Closed
Status Date: 10/16/2002
Case Worker: JWH
RB Case Number: 5T10000294
Local Agency: FRESNO COUNTY
File Location: Regional Board
Local Case Number: FA0170655
Potential Media Affect: Aquifer used for drinking water supply
Potential Contaminants of Concern: Gasoline
EPA Region: 9
Coordinate Source: Google Geocode
Cuf Case: YES
Quantity Released Gallons: Not reported
Begin Date: 08/27/1990
Leak Reported Date: 02/05/1991
How Discovered: Tank Closure
How Discovered Description: Not reported
Discharge Source: Other
Discharge Cause: Unknown
Stop Method: Not reported
Stop Description: Not reported
No Further Action Date: 10/16/2002
CA Water Watershed Name: South Valley Floor - Lower Kings River (551.80)
Dwr Groundwater Subbasin Name: San Joaquin Valley - Kings (5-022.08)
Disadvantaged Community: Not reported
CA Enviroscreen 3 Score: 81-85%
CA Enviroscreen 4 Score: 85-90%
Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: CENTRAL VALLEY RWQCB (REGION 5F)
Site History: Not reported

LUST:
Global Id: T0601900290
Contact Type: Local Agency Caseworker

D & D CHEVRON (Continued) **S101294665**

Contact Name: FRESNO COUNTY DPH, ENVIRONMENTAL HEALTH DIV
Organization Name: FRESNO COUNTY
Address: 1221 Fulton Street
City: Fresno
Email: environmentalhealth@fresnocountyca.gov
Phone Number: Not reported

Global Id: T0601900290
Contact Type: Regional Board Caseworker - Primary Caseworker
Contact Name: JEFFREY HANNEL
Organization Name: CENTRAL VALLEY RWQCB (REGION 5F)
Address: 1685 E STREET
City: FRESNO
Email: jhannel@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0601900290
Action Type: Other
Date: 10/18/1990
Action: Leak Discovery

Global Id: T0601900290
Action Type: RESPONSE
Date: 10/01/2002
Action: Monitoring Report - Quarterly

Global Id: T0601900290
Action Type: Other
Date: 02/05/1991
Action: Leak Reported

Global Id: T0601900290
Action Type: ENFORCEMENT
Date: 10/16/2002
Action: Closure/No Further Action Letter

Global Id: T0601900290
Action Type: Other
Date: 08/27/1990
Action: Leak Stopped

Global Id: T0601900290
Action Type: ENFORCEMENT
Date: 06/26/2002
Action: Staff Letter

LUST:
Global Id: T0601900290
Status: Open - Case Begin Date
Status Date: 08/27/1990

Global Id: T0601900290
Status: Open - Site Assessment
Status Date: 02/25/1991

D & D CHEVRON (Continued) **S101294665**

Global Id: T0601900290
Status: Open - Remediation
Status Date: 12/29/1999

Global Id: T0601900290
Status: Open - Remediation
Status Date: 05/07/2001

Global Id: T0601900290
Status: Completed - Case Closed
Status Date: 10/16/2002

LUST REG 5:
Name: D & D CHEVRON
Address: 3410 MT WHITNEY W
City: RIVERDALE
Region: 5
Status: Case Closed
Case Number: 5T10000294
Case Type: Drinking Water Aquifer affected
Substance: GASOLINE
Staff Initials: JWH
Lead Agency: Regional
Program: LUST
MTBE Code: 1

CORTESE:
Name: D & D CHEVRON
Address: 3410 MT WHITNEY W
City,State,Zip: RIVERDALE, CA 93656
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0601900290
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: D & D CHEVRON
edr_fadd1: 3410 MT WHITNEY

D & D CHEVRON (Continued) **S101294665**

City,State,Zip: RIVERDALE, CA 93656
Region: CORTESE
Facility County Code: 10
Reg By: LTNKA
Reg Id: 5T10000294

CERS:
Name: D & D CHEVRON
Address: 3410 MT WHITNEY W
City,State,Zip: RIVERDALE, CA 93656
Site ID: 893563
CERS ID: T0601900290
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HANNEL - CENTRAL VALLEY RWQCB (REGION 5F)
Entity Title: Not reported
Affiliation Address: 1685 E STREET
Affiliation City: FRESNO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Local Agency Caseworker
Entity Name: FRESNO COUNTY DPH, ENVIRONMENTAL HEALTH DIV - FRESNO COUNTY
Entity Title: Not reported
Affiliation Address: 1221 Fulton Street
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

F41 **D & D CHEVRON** **UST FINDER RELEASE** **1028944062**
SW **3410 MT WHITNEY W** **N/A**
1/4-1/2 **RIVERDALE, CA 93656**
0.264 mi.
1392 ft. **Site 6 of 6 in cluster F**

Relative:
Higher

Actual:
223 ft.

UST FINDER RELEASE:
Object ID: 54616
Facility ID: Not reported
Lust ID: CAT0601900290
Name: D & D CHEVRON
Address: 3410 MT WHITNEY W
City,State,Zip: RIVERDALE, CA 93656
Address Match Type: PointAddress
Reported Date: Not reported
Status: No Further Action
Substance: Not reported
Population within 1500ft: 790
Domestic Wells within 1500ft: 21
Land Use: Developed, High Intensity
Within SPA: No
SPA PWS Facility ID: Not reported

D & D CHEVRON (Continued) **1028944062**

SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA1000053_16489
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180300090103
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-119.85991
Y Coord:	36.4308
Latitude:	36.4307999999999
Longitude:	-119.859909999999

G42 **MC LEOD FORD INC** **RCRA-SQG** **1000596084**
SW **3415 W MT WHITNEY AVE** **CERS HAZ WASTE** **CAD983600479**
1/4-1/2 **RIVERDALE, CA 93656** **SWEEPS UST**
0.283 mi. **CA FID UST**
1495 ft. **Site 1 of 3 in cluster G** **FINDS**
ECHO
Relative: Higher **CUPA Listings**
HIST CORTESE
Actual: 223 ft. **HWTS**
CERS

RCRA Listings:

Date Form Received by Agency:	19910604
Handler Name:	Mc Leod Ford Inc
Handler Address:	3415 W Mt Whitney Ave
Handler City,State,Zip:	RIVERDALE, CA 93656
EPA ID:	CAD983600479
Contact Name:	CARL MC LEOD
Contact Address:	3415 W MT WHITNEY AVE
Contact City,State,Zip:	RIVERSIDE, CA 93656
Contact Telephone:	209-864-8804
Contact Fax:	Not reported
Contact Email:	Not reported
Contact Title:	Not reported
EPA Region:	09
Land Type:	Other
Federal Waste Generator Description:	Small Quantity Generator
Non-Notifier:	Not reported
Biennial Report Cycle:	Not reported
Accessibility:	Not reported
Active Site Indicator:	Handler Activities
State District Owner:	Ca
State District:	4R
Mailing Address:	3415 W MT WHITNEY AVE
Mailing City,State,Zip:	RIVERDALE, CA 93656
Owner Name:	Carl Mc Leod

MC LEOD FORD INC (Continued) **1000596084**

Owner Type:	Private
Operator Name:	Not reported
Operator Type:	Not reported
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No
Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	No
Universal Waste Destination Facility:	No
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not reported
Handler Date of Last Change:	20020627
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name: CARL MC LEOD	
Legal Status:	Private
Date Became Current:	Not reported
Date Ended Current:	Not reported
Owner/Operator Address:	3415 W MT WHITNEY
Owner/Operator City,State,Zip:	RIVERSIDE, CA 93656
Owner/Operator Telephone:	209-864-8804
Owner/Operator Telephone Ext:	Not reported
Owner/Operator Fax:	Not reported
Owner/Operator Email:	Not reported

MC LEOD FORD INC (Continued) **1000596084**

Historic Generators:
- Receive Date: 19910604
- Handler Name: MC LEOD FORD INC
- Federal Waste Generator Description: Small Quantity Generator
- State District Owner: Ca
- Large Quantity Handler of Universal Waste: No
- Recognized Trader Importer: No
- Recognized Trader Exporter: No
- Spent Lead Acid Battery Importer: No
- Spent Lead Acid Battery Exporter: No
- Current Record: Yes
- Non Storage Recycler Activity: Not reported
- Electronic Manifest Broker: Not reported

List of NAICS Codes and Descriptions:
- NAICS Code: 44111
- NAICS Description: NEW CAR DEALERS

Facility Has Received Notices of Violations:
- Violations: No Violations Found

Evaluation Action Summary:
- Evaluations: No Evaluations Found

CERS HAZ WASTE:
- Name: CAR AUTO CENTER
- Address: 3415 W MOUNT WHITNEY AVE
- City,State,Zip: RIVERDALE, CA 93656
- Site ID: 519635
- CERS ID: 10692478
- CERS Description: Hazardous Waste Generator

SWEEPS UST:
- Name: MCLEOD FORD INC
- Address: 3415 W MT WHITNEY
- City: RIVERDALE
- Status: Active
- Comp Number: 360
- Number: 1
- Board Of Equalization: 44-003348
- Referral Date: 12-11-90
- Action Date: 12-11-90
- Created Date: 06-08-89
- Owner Tank Id: Not reported
- SWRCB Tank Id: 10-000-000360-000001
- Tank Status: A
- Capacity: 500
- Active Date: 12-11-90
- Tank Use: EMPTY
- STG: P
- Content: GASOLINE
- Number Of Tanks: 2

MC LEOD FORD INC (Continued) **1000596084**

Name:	MCLEOD FORD INC
Address:	3415 W MT WHITNEY
City:	RIVERDALE
Status:	Active
Comp Number:	360
Number:	1
Board Of Equalization:	44-003348
Referral Date:	12-11-90
Action Date:	12-11-90
Created Date:	06-08-89
Owner Tank Id:	Not reported
SWRCB Tank Id:	10-000-000360-000002
Tank Status:	A
Capacity:	500
Active Date:	12-11-90
Tank Use:	EMPTY
STG:	P
Content:	GASOLINE
Number Of Tanks:	Not reported

CA FID UST:

Facility ID:	10002747
Regulated By:	UTNKA
Regulated ID:	Not reported
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	2098673549
Mail To:	Not reported
Mailing Address:	3415 W MT WHITNEY AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	RIVERDALE 93656
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

FINDS:

Registry ID: 110006482001

Click Here for FRS Facility Detail Report:

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.
The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release

MC LEOD FORD INC (Continued) **1000596084**

Inventory (TRI).

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

ECHO:

Envid:	1000596084
Registry ID:	110006482001
DFR URL:	
Name:	MC LEOD FORD INC
Address:	3415 W MT WHITNEY AVE
City,State,Zip:	RIVERDALE, CA 93656

CUPA FRESNO:

Name:	CAR AUTO CENTER
Address:	3415 W MOUNT WHITNEY AVE
City,State,Zip:	RIVERDALE, CA 93656
Region:	FRESNO
Cross Street:	VALENTINE
Facility ID:	FA0170164
APM Number:	05326022S
Program Element:	UST REMOVAL/CLOSURE W/2 TANKS
Name:	CAR AUTO CENTER
Address:	3415 W MOUNT WHITNEY AVE
City,State,Zip:	RIVERDALE, CA 93656
Region:	FRESNO
Cross Street:	VALENTINE
Facility ID:	FA0170164
APM Number:	05326022S
Program Element:	MV FUEL/OIL/PROPANE ONLY IN AGST/UST MODEL PL
Name:	CAR AUTO CENTER
Address:	3415 W MOUNT WHITNEY AVE
City,State,Zip:	RIVERDALE, CA 93656
Region:	FRESNO
Cross Street:	VALENTINE
Facility ID:	FA0170164
APM Number:	05326022S
Program Element:	FORMER CONTAMINATED SITE/NO FURTHER ACTION
Name:	CAR AUTO CENTER
Address:	3415 W MOUNT WHITNEY AVE
City,State,Zip:	RIVERDALE, CA 93656
Region:	FRESNO
Cross Street:	VALENTINE
Facility ID:	FA0170164
APM Number:	05326022S
Program Element:	HAZARDOUS WASTE GENERATOR (CESQG)

HIST CORTESE:

edr_fname:	MCLEOD FORD
edr_fadd1:	3415 MT WHITNEY
City,State,Zip:	RIVERSIDE, CA 93656
Region:	CORTESE
Facility County Code:	10

MC LEOD FORD INC (Continued) **1000596084**

Reg By: LTNKA
Reg Id: 5T10000594

HWTS:
Name: CAR AUTO CENTER
Address: 3415 W MOUNT WHITNEY AVE
Address 2: Not reported
City,State,Zip: RIVERDALE, CA 93656
EPA ID: CAL000349389
Inactive Date: Not reported
Create Date: 01/20/2010
Last Act Date: Not reported
Mailing Name: Not reported
Mailing Address: PO BOX 368
Mailing Address 2: Not reported
Mailing City,State,Zip: RIVERDALE, CA 936560368
Owner Name: CHAD SWEARINGEN
Owner Address: 3934 HENSON ST
Owner Address 2: Not reported
Owner City,State,Zip: RIVERDALE, CA 936569217
Owner Phone: Not reported
Owner Fax: Not reported
Contact Name: CHAD SWEARINGEN
Contact Address: 3415 W MOUNT WHITNEY AVE
Contact Address 2: Not reported
City,State,Zip: RIVERDALE, CA 93656
Contact Phone: Not reported
Contact Fax: Not reported
Facility Status: Active
Facility Type: PERMANENT
Category: STATE
Latitude: 36.430768
Longitude: -119.859561

NAICS:
EPA ID: CAL000349389
Create Date: 2010-01-20 14:16:34.307
NAICS Code: 811111
NAICS Description: General Automotive Repair
Issued EPA ID Date: 2010-01-20 14:16:34.29000
Inactive Date: Not reported
Facility Name: CAR AUTO CENTER
Facility Address: 3415 W MOUNT WHITNEY AVE
Facility Address 2: Not reported
Facility City: RIVERDALE
Facility County: Not reported
Facility State: CA
Facility Zip: 93656

CERS:
Name: CAR AUTO CENTER
Address: 3415 W MOUNT WHITNEY AVE
City,State,Zip: RIVERDALE, CA 93656
Site ID: 519635
CERS ID: 10692478
CERS Description: Chemical Storage Facilities

MC LEOD FORD INC (Continued) **1000596084**

Violations:

Site ID:	519635
Site Name:	CAR AUTO CENTER
Violation Date:	09-11-2013
Citation:	22 CCR 15 66265.53 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.53
Violation Description:	Failure to maintain at the facility a copy of the contingency plan and all its revisions and to submit a copy to the local police departments, fire departments, hospitals, and State and local emergency response teams that may be called upon to provide emergency services.
Violation Notes:	Returned to compliance on 05/19/2016. submittal of hmbp on line will serve as contingency.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	519635
Site Name:	CAR AUTO CENTER
Violation Date:	09-11-2013
Citation:	HSC 6.95 25505(a) - California Health and Safety Code, Chapter 6.95, Section(s) 25505(a)
Violation Description:	Owner/Operator failed to complete and/or submit a Hazardous Materials Business Plan when storing hazardous materials at or above the thresholds quantities of 55 gallons/500 lbs/200 cubic feet.
Violation Notes:	Returned to compliance on 05/23/2016. submittal of hmbp online will correct #1-8 of inspection report.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HMRRP
Violation Source:	CERS,

Site ID:	519635
Site Name:	CAR AUTO CENTER
Violation Date:	09-11-2013
Citation:	22 CCR 15 66265.173 - California Code of Regulations, Title 22, Chapter 15, Section(s) 66265.173
Violation Description:	Failure to properly close hazardous waste containers when not in active use.
Violation Notes:	Returned to compliance on 05/19/2016. operator required to remove empty drums near used oil ast. no empty date and longer than 1 yr on site.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW
Violation Source:	CERS,

Site ID:	519635
Site Name:	CAR AUTO CENTER
Violation Date:	05-19-2016
Citation:	22 CCR 12 66262.12 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.12
Violation Description:	Failure to obtain and/or maintain an Active EPA ID.
Violation Notes:	Returned to compliance on 06/18/2016.
Violation Division:	Fresno County Department of Public Health
Violation Program:	HW
Violation Source:	CERS,

MC LEOD FORD INC (Continued) **1000596084**

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-19-2016
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-11-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Other/Unknown
Eval Date:	10-09-2013
Violations Found:	No
Eval Type:	Other, not routine, done by local agency
Eval Notes:	at site to get owner signature; owner not there.
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	05-19-2016
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	assist w/ portal
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	09-11-2013
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	met chad swearingen, owner 281-4504
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS,

Affiliation:

Affiliation Type Desc:	Identification Signer
Entity Name:	Chad Swearingen
Entity Title:	Partner
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

MC LEOD FORD INC (Continued) **1000596084**

Affiliation Type Desc:	Operator
Entity Name:	Chad Swearingen
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:	(559) 742-4630,

Affiliation Type Desc:	CUPA District
Entity Name:	Fresno County Community Health Department
Entity Title:	Not reported
Affiliation Address:	1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93775
Affiliation Phone:	(559) 600-3271,

Affiliation Type Desc:	Document Preparer
Entity Name:	Chad Swearingen
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Environmental Contact
Entity Name:	Alfonso Cruz
Entity Title:	Not reported
Affiliation Address:	P O BOX 368
Affiliation City:	RIVERDALE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	93656
Affiliation Phone:	,

Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	P O BOX 368
Affiliation City:	RIVERDALE
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	936560368
Affiliation Phone:	,

Affiliation Type Desc:	Legal Owner
Entity Name:	SWEARINGEN, CHAD
Entity Title:	Not reported
Affiliation Address:	3934 HENSON
Affiliation City:	RIVERDALE
Affiliation State:	CA
Affiliation Country:	United States

MC LEOD FORD INC (Continued) **1000596084**

Affiliation Zip:	93656
Affiliation Phone:	(559) 742-4630,
Affiliation Type Desc:	Parent Corporation
Entity Name:	CAR AUTO CENTER
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:	,

G43 **MCLEOD FORD** **LUST** **S106175813**
SW **3415 MT WHITNEY** **Cortese** **N/A**
1/4-1/2 **RIVERDALE, CA 93656** **CERS**
0.283 mi.
1495 ft. **Site 2 of 3 in cluster G**

Relative: **Higher**

Actual: **223 ft.**

LUST:

Name:	MCLEOD FORD
Address:	3415 MT WHITNEY
City,State,Zip:	RIVERDALE, CA 93656
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5F)
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0601900575
Latitude:	36.4298297
Longitude:	-119.9978945
Status:	Completed - Case Closed
Status Date:	02/03/2010
Case Worker:	JWH
RB Case Number:	5T10000594
Local Agency:	FRESNO COUNTY
File Location:	Not reported
Local Case Number:	FA0170164
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	* Historical Geocode - Exact Address Match
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	11/09/1995
Leak Reported Date:	11/28/1995
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	02/03/2010
CA Water Watershed Name:	South Valley Floor - Lower Kings River (551.80)
Dwr Groundwater Subbasin Name:	San Joaquin Valley - Kings (5-022.08)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	91-95%
CA Enviroscreen 4 Score:	85-90%

MCLEOD FORD (Continued) **S106175813**

Military DOD Site: No
Facility Project Subtype: Not reported
RWQCB Region: CENTRAL VALLEY RWQCB (REGION 5F)
Site History: Not reported

LUST:
Global Id: T0601900575
Contact Type: Local Agency Caseworker
Contact Name: FRESNO COUNTY DPH, ENVIRONMENTAL HEALTH DIV
Organization Name: FRESNO COUNTY
Address: 1221 Fulton Street
City: Fresno
Email: environmentalhealth@fresnocountyca.gov
Phone Number: Not reported

Global Id: T0601900575
Contact Type: Regional Board Caseworker - Primary Caseworker
Contact Name: JEFFREY HANNEL
Organization Name: CENTRAL VALLEY RWQCB (REGION 5F)
Address: 1685 E STREET
City: FRESNO
Email: jhannel@waterboards.ca.gov
Phone Number: Not reported

LUST:
Global Id: T0601900575
Action Type: RESPONSE
Date: 01/19/2010
Action: Correspondence

Global Id: T0601900575
Action Type: Other
Date: 11/28/1995
Action: Leak Reported

Global Id: T0601900575
Action Type: ENFORCEMENT
Date: 10/07/2008
Action: Staff Letter

Global Id: T0601900575
Action Type: ENFORCEMENT
Date: 10/02/2008
Action: Staff Letter

Global Id: T0601900575
Action Type: ENFORCEMENT
Date: 12/17/2009
Action: Notification - Preclosure

Global Id: T0601900575
Action Type: ENFORCEMENT
Date: 01/27/2010
Action: Closure/No Further Action Letter

Global Id: T0601900575
Action Type: Other

MCLEOD FORD (Continued) **S106175813**

Date: 11/09/1995
Action: Leak Stopped

Global Id: T0601900575
Action Type: Other
Date: 11/12/1995
Action: Leak Discovery

Global Id: T0601900575
Action Type: RESPONSE
Date: 01/05/2009
Action: Soil and Water Investigation Workplan

LUST:
Global Id: T0601900575
Status: Open - Case Begin Date
Status Date: 11/09/1995

Global Id: T0601900575
Status: Open - Site Assessment
Status Date: 11/28/1995

Global Id: T0601900575
Status: Completed - Case Closed
Status Date: 02/03/2010

LUST REG 5:
Name: MCLEOD FORD
Address: 3415 MT WHITNEY
City: RIVERDALE
Region: 5
Status: Pollution Characterization
Case Number: 5T10000594
Case Type: Undefined
Substance: GASOLINE
Staff Initials: RWW
Lead Agency: Regional
Program: LUST
MTBE Code: N/A

CORTESE:
Name: MCLEOD FORD
Address: 3415 MT WHITNEY
City,State,Zip: RIVERDALE, CA 93656
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0601900575
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported
Owner: Not reported
Enf Type: Not reported

MCLEOD FORD (Continued) **S106175813**

Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

CERS:

Name:	MCLEOD FORD
Address:	3415 MT WHITNEY
City,State,Zip:	RIVERDALE, CA 93656
Site ID:	858738
CERS ID:	T0601900575
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JEFFREY HANNEL - CENTRAL VALLEY RWQCB (REGION 5F)
Entity Title:	Not reported
Affiliation Address:	1685 E STREET
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	FRESNO COUNTY DPH, ENVIRONMENTAL HEALTH DIV - FRESNO COUNTY
Entity Title:	Not reported
Affiliation Address:	1221 Fulton Street
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

G44 **MCLEOD FORD** **UST FINDER RELEASE** **1029020106**
SW **3415 MT WHITNEY** **N/A**
1/4-1/2 **RIVERDALE, CA 93656**
0.283 mi.
1495 ft. **Site 3 of 3 in cluster G**

Relative:
Higher

Actual:
223 ft.

UST FINDER RELEASE:

Object ID:	54617
Facility ID:	Not reported
Lust ID:	CAT0601900575
Name:	MCLEOD FORD
Address:	3415 MT WHITNEY
City,State,Zip:	RIVERDALE, CA 93656
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported

MCLEOD FORD (Continued) **1029020106**

Population within 1500ft:	782
Domestic Wells within 1500ft:	21
Land Use:	Developed, High Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA1000053_16489
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180300090103
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-119.85981
Y Coord:	36.43075
Latitude:	36.43075
Longitude:	-119.859809999999

H45 **TEXACO STAR MART #8** **LUST** **S102438804**
WSW **3610 MT WHITNEY W** **Cortese** **N/A**
1/4-1/2 **RIVERDALE, CA 93656** **HIST CORTESE**
0.379 mi. **CERS**
2000 ft. **Site 1 of 4 in cluster H**

Relative:
Higher

Actual:
223 ft.

LUST:

Name:	TEXACO STAR MART #8
Address:	3610 MT WHITNEY W
City,State,Zip:	RIVERDALE, CA 93656
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5F)
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0601900595
Latitude:	36.4310891487195
Longitude:	-119.863157272339
Status:	Completed - Case Closed
Status Date:	03/13/2013
Case Worker:	JWH
RB Case Number:	5T10000615
Local Agency:	FRESNO COUNTY
File Location:	Not reported
Local Case Number:	FA0269833
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Gasoline
EPA Region:	9
Coordinate Source:	Google Map Move
Cuf Case:	YES
Quantity Released Gallons:	Not reported
Begin Date:	05/14/1996

TEXACO STAR MART #8 (Continued) **S102438804**

Leak Reported Date:	06/26/1996
How Discovered:	Other Means
How Discovered Description:	Not reported
Discharge Source:	Other
Discharge Cause:	Unknown
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	03/13/2013
CA Water Watershed Name:	South Valley Floor - Lower Kings River (551.80)
Dwr Groundwater Subbasin Name:	San Joaquin Valley - Kings (5-022.08)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	91-95%
CA Enviroscreen 4 Score:	85-90%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	CENTRAL VALLEY RWQCB (REGION 5F)
Site History:	The case was opened following an unauthorized release from an underground storage tank system at the subject site. Corrective action is underway as directed by the CVRWQCB. Corrective action may consist of preliminary site investigation, planning and implementation of remedial action, verification monitoring, or a combination thereof. A summary of the site history is available by clicking on either the "Cleanup Status History", "Regulatory Activities" or the "Site Maps/Documents" tab. For a complete site history the case file at the CVRWQCB should be consulted.

LUST:

Global Id:	T0601900595
Contact Type:	Local Agency Caseworker
Contact Name:	FRESNO COUNTY DPH, ENVIRONMENTAL HEALTH DIV
Organization Name:	FRESNO COUNTY
Address:	1221 Fulton Street
City:	Fresno
Email:	environmentalhealth@fresnocountyca.gov
Phone Number:	Not reported

Global Id:	T0601900595
Contact Type:	Regional Board Caseworker - Primary Caseworker
Contact Name:	JEFFREY HANNEL
Organization Name:	CENTRAL VALLEY RWQCB (REGION 5F)
Address:	1685 E STREET
City:	FRESNO
Email:	jhannel@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0601900595
Action Type:	ENFORCEMENT
Date:	01/31/2012
Action:	Other Report

Global Id:	T0601900595
Action Type:	RESPONSE
Date:	12/31/2012
Action:	Other Report / Document

Global Id:	T0601900595

TEXACO STAR MART #8 (Continued) **S102438804**

Action Type: ENFORCEMENT
Date: 08/09/2011
Action: Staff Letter

Global Id: T0601900595
Action Type: ENFORCEMENT
Date: 11/27/2012
Action: Staff Letter

Global Id: T0601900595
Action Type: ENFORCEMENT
Date: 03/13/2013
Action: Closure/No Further Action Letter

Global Id: T0601900595
Action Type: ENFORCEMENT
Date: 01/07/2013
Action: Notification - Preclosure

Global Id: T0601900595
Action Type: ENFORCEMENT
Date: 02/23/2012
Action: Staff Letter

Global Id: T0601900595
Action Type: Other
Date: 06/26/1996
Action: Leak Reported

Global Id: T0601900595
Action Type: ENFORCEMENT
Date: 10/02/2008
Action: Staff Letter

Global Id: T0601900595
Action Type: ENFORCEMENT
Date: 08/03/2010
Action: Notice of Violation

Global Id: T0601900595
Action Type: Other
Date: 05/14/1996
Action: Leak Stopped

Global Id: T0601900595
Action Type: RESPONSE
Date: 12/19/2011
Action: Site Assessment Report

Global Id: T0601900595
Action Type: REMEDIATION
Date: 03/05/2013
Action: Monitored Natural Attenuation

Global Id: T0601900595
Action Type: Other
Date: 06/10/1996

TEXACO STAR MART #8 (Continued) **S102438804**

Action: Leak Discovery

Global Id: T0601900595
Action Type: RESPONSE
Date: 09/07/2010
Action: Preliminary Site Assessment Workplan

LUST:
Global Id: T0601900595
Status: Open - Case Begin Date
Status Date: 05/14/1996

Global Id: T0601900595
Status: Open - Site Assessment
Status Date: 06/26/1996

Global Id: T0601900595
Status: Open - Remediation
Status Date: 01/03/2013

Global Id: T0601900595
Status: Completed - Case Closed
Status Date: 03/13/2013

Global Id: T0601900595
Status: Completed - Case Closed
Status Date: 03/13/2013

Global Id: T0601900595
Status: Open - Eligible for Closure
Status Date: 03/13/2013

LUST REG 5:
Name: TEXACO STAR MART #8
Address: 3610 MT WHITNEY W
City: RIVERDALE
Region: 5
Status: Pollution Characterization
Case Number: 5T10000615
Case Type: Undefined
Substance: GASOLINE
Staff Initials: RWW
Lead Agency: Regional
Program: LUST
MTBE Code: N/A

CORTESE:
Name: TEXACO STAR MART #8
Address: 3610 MT WHITNEY W
City,State,Zip: RIVERDALE, CA 93656
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0601900595
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED

TEXACO STAR MART #8 (Continued) **S102438804**

Status Date:	Not reported
Site Code:	Not reported
Latitude:	Not reported
Longitude:	Not reported
Owner:	Not reported
Enf Type:	Not reported
Swat R:	Not reported
Flag:	active
Order No:	Not reported
Waste Discharge System No:	Not reported
Effective Date:	Not reported
Region 2:	Not reported
WID Id:	Not reported
Solid Waste Id No:	Not reported
Waste Management Uit Name:	Not reported
File Name:	Active Open

HIST CORTESE:

edr_fname:	TEXACO STAR MART #8
edr_fadd1:	3610 MT WHITNEY
City,State,Zip:	RIVERDALE, CA 93656
Region:	CORTESE
Facility County Code:	10
Reg By:	LTNKA
Reg Id:	5T10000615

CERS:

Name:	TEXACO STAR MART #8
Address:	3610 MT WHITNEY W
City,State,Zip:	RIVERDALE, CA 93656
Site ID:	852239
CERS ID:	T0601900595
CERS Description:	Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc:	Local Agency Caseworker
Entity Name:	FRESNO COUNTY DPH, ENVIRONMENTAL HEALTH DIV - FRESNO COUNTY
Entity Title:	Not reported
Affiliation Address:	1221 Fulton Street
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

Affiliation Type Desc:	Regional Board Caseworker
Entity Name:	JEFFREY HANNEL - CENTRAL VALLEY RWQCB (REGION 5F)
Entity Title:	Not reported
Affiliation Address:	1685 E STREET
Affiliation City:	FRESNO
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	,

H46
WSW
1/4-1/2
0.386 mi.
2038 ft.

TEXACO STAR MART #8
3610 MT WHITNEY W
RIVERDALE, CA 93656

Site 2 of 4 in cluster H

UST FINDER RELEASE

1029116170
N/A

Relative:
Higher

Actual:
223 ft.

UST FINDER RELEASE:

Object ID:	54599
Facility ID:	Not reported
Lust ID:	CAT0601900595
Name:	TEXACO STAR MART #8
Address:	3610 MT WHITNEY W
City,State,Zip:	RIVERDALE, CA 93656
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	899
Domestic Wells within 1500ft:	62
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA1000053_16489
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180300090103
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-119.86299
Y Coord:	36.4308500000001
Latitude:	36.43085
Longitude:	-119.862989999999

H47
WSW
1/4-1/2
0.431 mi.
2276 ft.

BROWN FEED & SEED, INC.
21053 SHERRILL
RIVERDALE, CA 93656

Site 3 of 4 in cluster H

LUST
Cortese
HIST CORTESE
CERS

S104161569
N/A

Relative:
Higher

Actual:
223 ft.

LUST:

Name:	BROWN FEED & SEED, INC.
Address:	21053 SHERRILL S
City,State,Zip:	RIVERDALE, CA 93656
Lead Agency:	CENTRAL VALLEY RWQCB (REGION 5F)
Case Type:	LUST Cleanup Site

Geo Track:

Global Id:	T0601900043
Latitude:	36.430268

BROWN FEED & SEED, INC. (Continued) **S104161569**

Longitude:	-119.863258
Status:	Completed - Case Closed
Status Date:	11/17/1999
Case Worker:	JWH
RB Case Number:	5T10000044
Local Agency:	FRESNO COUNTY
File Location:	Not reported
Local Case Number:	FA0170638
Potential Media Affect:	Aquifer used for drinking water supply
Potential Contaminants of Concern:	Diesel
EPA Region:	9
Coordinate Source:	Google Geocode
Cuf Case:	NO
Quantity Released Gallons:	Not reported
Begin Date:	02/01/1988
Leak Reported Date:	03/15/1988
How Discovered:	Tank Closure
How Discovered Description:	Not reported
Discharge Source:	Tank
Discharge Cause:	Corrosion
Stop Method:	Not reported
Stop Description:	Not reported
No Further Action Date:	11/17/1999
CA Water Watershed Name:	South Valley Floor - Lower Kings River (551.80)
Dwr Groundwater Subbasin Name:	San Joaquin Valley - Kings (5-022.08)
Disadvantaged Community:	Not reported
CA Enviroscreen 3 Score:	91-95%
CA Enviroscreen 4 Score:	85-90%
Military DOD Site:	No
Facility Project Subtype:	Not reported
RWQCB Region:	CENTRAL VALLEY RWQCB (REGION 5F)
Site History:	Not reported

LUST:

Global Id:	T0601900043
Contact Type:	Local Agency Caseworker
Contact Name:	FRESNO COUNTY DPH, ENVIRONMENTAL HEALTH DIV
Organization Name:	FRESNO COUNTY
Address:	1221 Fulton Street
City:	Fresno
Email:	environmentalhealth@fresnocountyca.gov
Phone Number:	Not reported

Global Id:	T0601900043
Contact Type:	Regional Board Caseworker - Primary Caseworker
Contact Name:	JEFFREY HANNEL
Organization Name:	CENTRAL VALLEY RWQCB (REGION 5F)
Address:	1685 E STREET
City:	FRESNO
Email:	jhannel@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0601900043
Action Type:	Other
Date:	02/05/1988
Action:	Leak Discovery

BROWN FEED & SEED, INC. (Continued) **S104161569**

Global Id: T0601900043
Action Type: ENFORCEMENT
Date: 11/17/1999
Action: Closure/No Further Action Letter

Global Id: T0601900043
Action Type: Other
Date: 03/15/1988
Action: Leak Reported

Global Id: T0601900043
Action Type: Other
Date: 02/01/1988
Action: Leak Stopped

LUST:
Global Id: T0601900043
Status: Open - Case Begin Date
Status Date: 02/01/1988

Global Id: T0601900043
Status: Open - Site Assessment
Status Date: 03/15/1988

Global Id: T0601900043
Status: Completed - Case Closed
Status Date: 11/17/1999

LUST REG 5:
Name: BROWN FEED & SEED, INC.
Address: 21053 SHERRILL S
City: RIVERDALE
Region: 5
Status: Case Closed
Case Number: 5T10000044
Case Type: Drinking Water Aquifer affected
Substance: DIESEL
Staff Initials: JWH
Lead Agency: Regional
Program: LUST
MTBE Code: N/A

CORTESE:
Name: BROWN FEED & SEED, INC.
Address: 21053 SHERRILL S
City,State,Zip: RIVERDALE, CA 93656
Region: CORTESE
Envirostor Id: Not reported
Global ID: T0601900043
Site/Facility Type: LUST CLEANUP SITE
Cleanup Status: COMPLETED - CASE CLOSED
Status Date: Not reported
Site Code: Not reported
Latitude: Not reported
Longitude: Not reported

BROWN FEED & SEED, INC. (Continued) **S104161569**

Owner: Not reported
Enf Type: Not reported
Swat R: Not reported
Flag: active
Order No: Not reported
Waste Discharge System No: Not reported
Effective Date: Not reported
Region 2: Not reported
WID Id: Not reported
Solid Waste Id No: Not reported
Waste Management Uit Name: Not reported
File Name: Active Open

HIST CORTESE:
edr_fname: BROWN FEED & SEED, INC.
edr_fadd1: 21053 SHERRILL
City,State,Zip: RIVERDALE, CA 93656
Region: CORTESE
Facility County Code: 10
Reg By: LTNKA
Reg Id: 5T10000044

CERS:
Name: BROWN FEED & SEED, INC.
Address: 21053 SHERRILL S
City,State,Zip: RIVERDALE, CA 93656
Site ID: 912459
CERS ID: T0601900043
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Local Agency Caseworker
Entity Name: FRESNO COUNTY DPH, ENVIRONMENTAL HEALTH DIV - FRESNO COUNTY
Entity Title: Not reported
Affiliation Address: 1221 Fulton Street
Affiliation City: Fresno
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

Affiliation Type Desc: Regional Board Caseworker
Entity Name: JEFFREY HANNEL - CENTRAL VALLEY RWQCB (REGION 5F)
Entity Title: Not reported
Affiliation Address: 1685 E STREET
Affiliation City: FRESNO
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: ,

H48 **BROWN FEED & SEED, INC.** **UST FINDER RELEASE** **1028927712**
WSW **21053 SHERRILL S** **N/A**
1/4-1/2 **RIVERDALE, CA 93656**
0.431 mi.
2276 ft. **Site 4 of 4 in cluster H**

Relative: **Higher**

Actual: **223 ft.**

UST FINDER RELEASE:

Object ID:	54600
Facility ID:	Not reported
Lust ID:	CAT0601900043
Name:	BROWN FEED & SEED, INC.
Address:	21053 SHERRILL S
City,State,Zip:	RIVERDALE, CA 93656
Address Match Type:	PointAddress
Reported Date:	Not reported
Status:	No Further Action
Substance:	Not reported
Population within 1500ft:	796
Domestic Wells within 1500ft:	45
Land Use:	Developed, Medium Intensity
Within SPA:	No
SPA PWS Facility ID:	Not reported
SPA Water Type:	Not reported
SPA Facility Type:	Not reported
SPA HUC12:	Not reported
Within WHPA:	Yes
WHPA PWS Facility ID:	CA1000053_16489
WHPA Water Type:	GW - Ground water
WHPA Facility Type:	WL - Well
WHPA HUC12:	180300090103
Within 100yr Floodplain:	No
Tribe:	Not reported
EPA Region:	9
NFA Letter 1:	Not reported
NFA Letter 2:	Not reported
NFA Letter 3:	Not reported
NFA Letter 4:	Not reported
Closed With Residual Contaminate:	Not reported
Coordinate Source:	Geocode
X Coord:	-119.8627
Y Coord:	36.4302500000001
Latitude:	36.43025
Longitude:	-119.8627

---

49 **A 1 RECYCLING** **SWRCY** **S107136587**
SSE **21282 S MARKS AVE** **N/A**
1/4-1/2 **RIVERDALE, CA 93656**
0.436 mi.
2302 ft.

Relative: **Higher**

Actual: **223 ft.**

SWRCY:

Name:	A 1 RECYCLING
Address:	21282 S MARKS AVE
City,State,Zip:	RIVERDALE, CA 93656
Reg Id:	18499
Cert Id:	RC6337
Mailing Address:	Po Box 291
Mailing City:	Riverdale
Mailing State:	CA
Mailing Zip Code:	93656

A 1 RECYCLING (Continued) **S107136587**

Website:	Not reported
Email:	a1recycling1@gmail.com
Phone Number:	(559) 309-1001
Rural:	Y
Operation Begin Date:	06/01/1995
Aluminium:	Y
Glass:	Y
Plastic:	Y
Bimetal:	Y
Hours of Operation:	Mon Closed; Tue 10:00 am - 6:00 pm; Wed Closed; Thr - Fri 10:00 am - 6:00 pm; Sat 9:00 am - 6:00 pm; Sun 9:00 am - 4:00 pm
Organization ID:	18499
Organization Name:	A 1 Recycling

Count: 0 records.

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
		NO SITES FOUND			

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Lists of Federal NPL (Superfund) sites

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 04/07/2025
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 3
Telephone 215-814-5418

EPA Region 4
Telephone 404-562-8033

EPA Region 5
Telephone 312-886-6686

EPA Region 10
Telephone 206-553-8665

EPA Region 6
Telephone: 214-655-6659

EPA Region 7
Telephone: 913-551-7247

EPA Region 8
Telephone: 303-312-6774

EPA Region 9
Telephone: 415-947-4246

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: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 04/07/2025
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

Lists of Federal Delisted NPL sites

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: N/A
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

Lists of Federal sites subject to CERCLA removals and CERCLA orders

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 11/20/2024
Date Data Arrived at EDR: 12/18/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 2

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 12/18/2024
Next Scheduled EDR Contact: 04/07/2025
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: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Quarterly

Lists of Federal CERCLA sites with NFRAP

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: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA facilities undergoing Corrective Action

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA TSD facilities

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

Lists of Federal RCRA generators

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
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: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
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: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
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: 07/15/2024
Date Data Arrived at EDR: 07/17/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 84

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 01/30/2025
Next Scheduled EDR Contact: 05/19/2025
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: 11/04/2024
Date Data Arrived at EDR: 11/15/2024
Date Made Active in Reports: 02/11/2025
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/15/2024
Next Scheduled EDR Contact: 12/02/2024
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: 11/04/2024
Date Data Arrived at EDR: 11/15/2024
Date Made Active in Reports: 02/11/2025
Number of Days to Update: 88

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 11/15/2024
Next Scheduled EDR Contact: 03/03/2025
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: 06/11/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 09/04/2024
Number of Days to Update: 79

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

Lists of state- and tribal (Superfund) equivalent sites

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 10/21/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

Lists of state- and tribal hazardous waste facilities

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database 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: 10/21/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

Lists of state and tribal landfills and solid waste disposal facilities

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an 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: 11/04/2024
Date Data Arrived at EDR: 11/06/2024
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 86

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Quarterly

Lists of state and tribal leaking storage tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

LUST REG 1: Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
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 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 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 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 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 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 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 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: 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: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/30/2024
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
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 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

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 04/11/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/07/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
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

Lists of state and tribal registered storage tanks

FEMA UST: Underground Storage Tank Listing
A listing of all FEMA owned underground storage tanks.

Date of Government Version: 08/12/2024
Date Data Arrived at EDR: 10/30/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 76

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/30/2024
Number of Days to Update: 2
Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Semi-Annually

UST CLOSURE: Proposed Closure of Underground Storage Tank (UST) Cases
UST cases that are being considered for closure by either the State Water Resources Control Board or the Executive Director have been posted for a 60-day public comment period. UST Case Closures being proposed for consideration by the State Water Resources Control Board. These are primarily UST cases that meet closure criteria under the decisional framework in State Water Board Resolution No. 92-49 and other Board orders. UST Case Closures proposed for consideration by the Executive Director pursuant to State Water Board Resolution No. 2012-0061. These are cases that meet the criteria of the Low-Threat UST Case Closure Policy. UST Case Closure Review Denials and Approved Orders.

Date of Government Version: 11/25/2024
Date Data Arrived at EDR: 12/03/2024
Date Made Active in Reports: 01/07/2025
Number of Days to Update: 35
Source: State Water Resources Control Board
Telephone: 916-327-7844
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

MILITARY UST SITES: Military UST Sites (GEOTRACKER)
Military ust sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1
Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

AST: Aboveground Petroleum Storage Tank Facilities
A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 07/06/2016
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: 12/04/2024
Next Scheduled EDR Contact: 03/24/2025
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90
Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 04/11/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90
Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 07/29/2024
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
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: 05/14/2024
Date Data Arrived at EDR: 05/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 90

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

Lists of state and tribal voluntary cleanup sites

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: 07/08/2021
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

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: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties
Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 10/21/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Quarterly

Lists of state and tribal brownfield 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: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/02/2024
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
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: 09/09/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 86

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/24/2025
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: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 11/13/2024
Date Data Arrived at EDR: 11/15/2024
Date Made Active in Reports: 12/12/2024
Number of Days to Update: 27

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 01/30/2025
Next Scheduled EDR Contact: 05/19/2025
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: 01/16/2025
Next Scheduled EDR Contact: 05/05/2025
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: 01/23/2025
Next Scheduled EDR Contact: 04/28/2025
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: 02/07/2024
Date Data Arrived at EDR: 11/13/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 6

Source: Department of Health & Human Serivces, Indian Health Service
Telephone: 301-443-1452
Last EDR Contact: 12/09/2024
Next Scheduled EDR Contact: 05/05/2025
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: 05/20/2024
Date Data Arrived at EDR: 08/19/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 51

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
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: 10/21/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
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: 12/31/2022
Date Data Arrived at EDR: 03/21/2024
Date Made Active in Reports: 06/12/2024
Number of Days to Update: 83

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

TOXIC PITS: Toxic Pits Cleanup Act Sites
Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
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

CERS HAZ WASTE: California Environmental Reporting System Hazardous 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: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 76

Source: CalEPA
Telephone: 916-323-2514
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Quarterly

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 05/20/2024
Date Data Arrived at EDR: 08/19/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 51

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Quarterly

Local Lists of Registered Storage Tanks

SWEEPS UST: SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
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

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: 07/29/2024
Date Data Arrived at EDR: 07/30/2024
Date Made Active in Reports: 10/17/2024
Number of Days to Update: 79

Source: San Francisco County Department of Public Health
Telephone: 415-252-3896
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/12/2025
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: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
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: 11/26/2024
Date Data Arrived at EDR: 12/03/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
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: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 04/07/2025
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: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
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: 06/14/2024
Date Data Arrived at EDR: 06/17/2024
Date Made Active in Reports: 06/24/2024
Number of Days to Update: 7

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

CHMIRS: California Hazardous Material Incident Report System
California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 08/01/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 76

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
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: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/30/2024
Number of Days to Update: 2

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
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: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/30/2024
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
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: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
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: 10/01/2024
Date Data Arrived at EDR: 11/12/2024
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 70

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 02/11/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 06/07/2021
Date Data Arrived at EDR: 07/13/2021
Date Made Active in Reports: 03/09/2022
Number of Days to Update: 239

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 01/07/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 04/02/2018
Date Data Arrived at EDR: 04/11/2018
Date Made Active in Reports: 11/06/2019
Number of Days to Update: 574

Source: U.S. Geological Survey
Telephone: 888-275-8747
Last EDR Contact: 12/30/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: N/A

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 07/30/2021
Date Data Arrived at EDR: 02/03/2023
Date Made Active in Reports: 02/10/2023
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 05/19/2025
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: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 94

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
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: 01/27/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: No Update Planned

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: 01/30/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 06/14/2022
Date Made Active in Reports: 03/24/2023
Number of Days to Update: 283
Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/24/2025
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: 12/31/2022
Date Data Arrived at EDR: 11/13/2023
Date Made Active in Reports: 02/07/2024
Number of Days to Update: 86
Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 02/11/2025
Next Scheduled EDR Contact: 05/26/2025
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: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 90
Source: EPA
Telephone: 202-564-4203
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 04/28/2025
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: 10/24/2024
Date Data Arrived at EDR: 11/01/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 18

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 03/10/2025
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: 10/01/2024
Date Data Arrived at EDR: 10/23/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-564-8600
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
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: 09/19/2023
Date Data Arrived at EDR: 10/03/2023
Date Made Active in Reports: 10/19/2023
Number of Days to Update: 16

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 05/12/2025
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: 07/01/2024
Date Data Arrived at EDR: 10/02/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 100

Source: EPA
Telephone: 202-566-0500
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
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: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
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: 10/12/2024
Date Data Arrived at EDR: 10/17/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 33

Source: Nuclear Regulatory Commission
Telephone: 301-415-0717
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 90

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
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: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
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: 01/30/2025
Next Scheduled EDR Contact: 05/12/2025
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: 12/17/2024
Next Scheduled EDR Contact: 04/07/2025
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: 10/04/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/06/2024
Number of Days to Update: 51
Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/05/2025
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: 09/30/2024
Date Data Arrived at EDR: 10/09/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 93

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 12/30/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 03/20/2023
Number of Days to Update: 11

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
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: 12/30/2024
Next Scheduled EDR Contact: 04/14/2025
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: 03/03/2023
Date Data Arrived at EDR: 03/03/2023
Date Made Active in Reports: 06/09/2023
Number of Days to Update: 98

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/12/2025
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: 05/08/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 14

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 12/19/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 19

Source: Environmental Protection Agency
Telephone: 703-603-8787
Last EDR Contact: 02/03/2025
Next Scheduled EDR Contact: 04/07/2025
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

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: 11/01/2024
Date Data Arrived at EDR: 11/18/2024
Date Made Active in Reports: 02/11/2025
Number of Days to Update: 85

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 11/18/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Semi-Annually

MINES VIOLATIONS: MSHA Violation Assessment Data

Mines violation and assessment information. Department of Labor, Mine Safety & Health Administration.

Date of Government Version: 10/01/2024
Date Data Arrived at EDR: 10/02/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 7

Source: DOL, Mine Safety & Health Admi
Telephone: 202-693-9424
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Quarterly

US MINES 2: Ferrous and Nonferrous Metal Mines Database Listing

This map layer includes ferrous (ferrous metal mines are facilities that extract ferrous metals, such as iron ore or molybdenum) and nonferrous (Nonferrous metal mines are facilities that extract nonferrous metals, such as gold, silver, copper, zinc, and lead) metal mines in the United States.

Date of Government Version: 05/02/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 10/09/2024
Number of Days to Update: 50

Source: USGS
Telephone: 703-648-7709
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
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: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
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: 09/10/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 11/19/2024
Number of Days to Update: 69

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 12/10/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Quarterly

MINES MRDS: Mineral Resources Data System

Mineral Resources Data System

Date of Government Version: 08/23/2022
Date Data Arrived at EDR: 11/22/2022
Date Made Active in Reports: 02/28/2023
Number of Days to Update: 98

Source: USGS
Telephone: 703-648-6533
Last EDR Contact: 11/22/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

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: 08/13/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 8

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Quarterly

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 05/06/2021
Date Data Arrived at EDR: 05/21/2021
Date Made Active in Reports: 08/11/2021
Number of Days to Update: 82

Source: Environmental Protection Agency
Telephone: 202-564-0527
Last EDR Contact: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
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: 12/21/2024
Date Data Arrived at EDR: 12/27/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 14

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 12/27/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 09/06/2023
Date Data Arrived at EDR: 09/13/2023
Date Made Active in Reports: 12/11/2023
Number of Days to Update: 89

Source: Department of Defense
Telephone: 703-704-1564
Last EDR Contact: 01/06/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

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: 11/08/2024
Date Data Arrived at EDR: 11/08/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 67

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/08/2024
Next Scheduled EDR Contact: 02/24/2025
Data Release Frequency: Quarterly

PFAS NPL: Superfund Sites with PFAS Detections Information

EPA's Office of Land and Emergency Management and EPA Regional Offices maintain data describing what is known about site investigations, contamination, and remedial actions under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) where PFAS is present in the environment.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 703-603-8895
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS FEDERAL SITES: Federal Sites PFAS Information

Several federal entities, such as the federal Superfund program, Department of Defense, National Aeronautics and Space Administration, Department of Transportation, and Department of Energy provided information for sites with known or suspected detections at federal facilities.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS TRIS: List of PFAS Added to the TRI

Section 7321 of the National Defense Authorization Act for Fiscal Year 2020 (NDAA) immediately added certain per- and polyfluoroalkyl substances (PFAS) to the list of chemicals covered by the Toxics Release Inventory (TRI) under Section 313 of the Emergency Planning and Community Right-to-Know Act (EPCRA) and provided a framework for additional PFAS to be added to TRI on an annual basis.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-566-0250
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS TSCA: PFAS Manufacture and Imports Information

EPA issued the Chemical Data Reporting (CDR) Rule under the Toxic Substances Control Act (TSCA) and requires chemical manufacturers and facilities that manufacture or import chemical substances to report data to EPA. EPA publishes non-confidential business information (non-CBI) and includes descriptive information about each site, corporate parent, production volume, other manufacturing information, and processing and use information.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS RCRA MANIFEST: PFAS Transfers Identified In the RCRA Database Listing

To work around the lack of PFAS waste codes in the RCRA database, EPA developed the PFAS Transfers dataset by mining e-Manifest records containing at least one of these common PFAS keywords: PFAS, PFOA, PFOS, PERFL, AFFF, GENX, GEN-X (plus the VT waste codes). These keywords were searched for in the following text fields: Manifest handling instructions (MANIFEST_HANDLING_INSTR), Non-hazardous waste description (NON_HAZ_WASTE_DESCRIPTION), DOT printed information (DOT_PRINTED_INFORMATION), Waste line handling instructions (WASTE_LINE_HANDLING_INSTR), Waste residue comments (WASTE_RESIDUE_COMMENTS).

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 10/02/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS ATSDR: PFAS Contamination Site Location Listing

PFAS contamination site locations from the Department of Health & Human Services, Center for Disease Control & Prevention. ATSDR is involved at a number of PFAS-related sites, either directly or through assisting state and federal partners. As of now, most sites are related to drinking water contamination connected with PFAS production facilities or fire training areas where aqueous film-forming firefighting foam (AFFF) was regularly used.

Date of Government Version: 06/24/2020
Date Data Arrived at EDR: 03/17/2021
Date Made Active in Reports: 11/08/2022
Number of Days to Update: 601

Source: Department of Health & Human Services
Telephone: 202-741-5770
Last EDR Contact: 01/16/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

PFAS WQP: Ambient Environmental Sampling for PFAS

The Water Quality Portal (WQP) is a part of a modernized repository storing ambient sampling data for all environmental media and tissue samples. A wide range of federal, state, tribal and local governments, academic and non-governmental organizations and individuals submit project details and sampling results to this public repository. The information is commonly used for research and assessments of environmental quality.

Date of Government Version: 12/13/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS NPDES: Clean Water Act Discharge Monitoring Information

Any discharger of pollutants to waters of the United States from a point source must have a National Pollutant Discharge Elimination System (NPDES) permit. The process for obtaining limits involves the regulated entity (permittee) disclosing releases in a NPDES permit application and the permitting authority (typically the state but sometimes EPA) deciding whether to require monitoring or monitoring with limits. Caveats and Limitations: Less than half of states have required PFAS monitoring for at least one of their permittees and fewer states have established PFAS effluent limits for permittees. New rulemakings have been initiated that may increase the number of facilities monitoring for PFAS in the future.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 12

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS PROJECT: NORTHEASTERN UNIVERSITY PFAS PROJECT

The PFAS Contamination Site Tracker records qualitative and quantitative data from each site in a chart, specifically examining discovery, contamination levels, government response, litigation, health impacts, media coverage, and community characteristics. All data presented in the chart were extracted from government websites, such as state health departments or the Environmental Protection Agency, and news articles.

Date of Government Version: 05/19/2023
Date Data Arrived at EDR: 04/05/2024
Date Made Active in Reports: 06/06/2024
Number of Days to Update: 62

Source: Social Science Environmental Health Research Institute
Telephone: N/A
Last EDR Contact: 12/05/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

PFAS ECHO: Facilities in Industries that May Be Handling PFAS Listing

Regulators and the public have expressed interest in knowing which regulated entities may be using PFAS. EPA has developed a dataset from various sources that show which industries may be handling PFAS. Approximately 120,000 facilities subject to federal environmental programs have operated or currently operate in industry sectors with processes that may involve handling and/or release of PFAS.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS ECHO FIRE TRAIN: Facilities in Industries that May Be Handling PFAS Listing

A list of fire training sites was added to the Industry Sectors dataset using a keyword search on the permitted facilitys name to identify sites where fire-fighting foam may have been used in training exercises. Additionally, you may view an example spreadsheet of the subset of fire training facility data, as well as the keywords used in selecting or deselecting a facility for the subset. as well as the keywords used in selecting or deselecting a facility for the subset. These keywords were tested to maximize accuracy in selecting facilities that may use fire-fighting foam in training exercises, however, due to the lack of a required reporting field in the data systems for designating fire training sites, this methodology may not identify all fire training sites or may potentially misidentify them.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PFAS PT 139 AIRPORT: All Certified Part 139 Airports PFAS Information Listing

Since July 1, 2006, all certified part 139 airports are required to have fire-fighting foam onsite that meet military specifications (MIL-F-24385) (14 CFR 139.317). To date, these military specification fire-fighting foams are fluorinated and have been historically used for training and extinguishing. The 2018 FAA Reauthorization Act has a provision stating that no later than October 2021, FAA shall not require the use of fluorinated AFFF. This provision does not prohibit the use of fluorinated AFFF at Part 139 civilian airports; it only prohibits FAA from mandating its use. The Federal Aviation Administration?s document AC 150/5210-6D - Aircraft Fire Extinguishing Agents provides guidance on Aircraft Fire Extinguishing Agents, which includes Aqueous Film Forming Foam (AFFF).

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-272-0167
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

AQUEOUS FOAM NRC: Aqueous Foam Related Incidents Listing

The National Response Center (NRC) serves as an emergency call center that fields initial reports for pollution and railroad incidents and forwards that information to appropriate federal/state agencies for response. The spreadsheets posted to the NRC website contain initial incident data that has not been validated or investigated by a federal/state response agency. Response center calls from 1990 to the most recent complete calendar year where there was indication of Aqueous Film Forming Foam (AFFF) usage are included in this dataset. NRC calls may reference AFFF usage in the ?Material Involved? or ?Incident Description? fields.

Date of Government Version: 12/30/2024
Date Data Arrived at EDR: 01/02/2025
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 8

Source: Environmental Protection Agency
Telephone: 202-267-2675
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PCS ENF: Enforcement data

No description is available for this data

Date of Government Version: 12/31/2014
Date Data Arrived at EDR: 02/05/2015
Date Made Active in Reports: 03/06/2015
Number of Days to Update: 29

Source: EPA
Telephone: 202-564-2497
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Varies

PCS: Permit Compliance System

PCS is a computerized management information system that contains data on National Pollutant Discharge Elimination System (NPDES) permit holding facilities. PCS tracks the permit, compliance, and enforcement status of NPDES facilities.

Date of Government Version: 12/16/2016
Date Data Arrived at EDR: 01/06/2017
Date Made Active in Reports: 03/10/2017
Number of Days to Update: 63

Source: EPA, Office of Water
Telephone: 202-564-2496
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: No Update Planned

BIOSOLIDS: ICIS-NPDES Biosolids Facility Data

The data reflects compliance information about facilities in the biosolids program.

Date of Government Version: 10/13/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 10/23/2024
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 202-564-4700
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

UST FINDER: UST Finder Database

EPA developed UST Finder, a web map application containing a comprehensive, state-sourced national map of underground storage tank (UST) and leaking UST (LUST) data. It provides the attributes and locations of active and closed USTs, UST facilities, and LUST sites from states and from Tribal lands and US territories . UST Finder contains information about proximity of UST facilities and LUST sites to: surface and groundwater public drinking water protection areas; estimated number of private domestic wells and number of people living nearby; and flooding and wildfires.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/04/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 106

Source: Environmental Protection Agency
Telephone: 202-564-0394
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Varies

UST FINDER RELEASE: UST Finder Releases Database

US EPA’s UST Finder data is a national composite of leaking underground storage tanks. This data contains information about, and locations of, leaking underground storage tanks. Data was collected from state sources and standardized into a national profile by EPA’s Office of Underground Storage Tanks, Office of Research and Development, and the Association of State and Territorial Solid Waste Management Officials.

Date of Government Version: 06/08/2023
Date Data Arrived at EDR: 10/31/2023
Date Made Active in Reports: 01/18/2024
Number of Days to Update: 79

Source: Environmental Protecton Agency
Telephone: 202-564-0394
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Semi-Annually

E MANIFEST: Hazardous Waste Electronic Manifest System

EPA established a national system for tracking hazardous waste shipments electronically. This system, known as ?e-Manifest,? will modernize the nation?s cradle-to-grave hazardous waste tracking process while saving valuable time, resources, and dollars for industry and states.

Date of Government Version: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 94

Source: Environmental Protection Agency
Telephone: 833-501-6826
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Varies

PFAS: PFAS Contamination Site Location Listing

A listing of PFAS sites included in the Envirostor and GeoTracker databases. Locations of potential sources of per - and polyfluoroalkyl substances (PFAS). This does not mean that PFAS has been produced, used, or discharged at these sites.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 09/03/2024
Number of Days to Update: 6

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

AQUEOUS FOAM: Former Fire Training Facility Assessments Listing

Airports shown on this list are those believed to use Aqueous Film Forming Foam (AFFF), and certified by the Federal Aviation Administration (FAA) under Title 14, Code of Federal Regulations (CFR), Part 139 (14 CFR Part 139). This list was created by SWRCB using information available from the FAA. Location points shown are from the latitude and longitude listed on the FAA airport master record.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/12/2024
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
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

CHROME PLATING: Chrome Plating Facilities Listing

This listing represents chrome plating facilities the California State Water Resources Control Board staff identified as possibly being a source of Per- and polyfluoroalkyl substance (PFAS) contamination. Sites and locations were identified by staff with the Division of Water Quality in the California State Water Board. Data was collected from the CA Air Resources Board 2013 and 2018 - Cr VI emission survey, CA Emission Inventory, CA HAZ Waste discharge database and by reviewing storm water permits. Former chrome plating sites are also included that are open site investigation or remediation cases with the Regional Water Quality Control Boards and the Department of Toxic Substances Control.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/12/2024
Number of Days to Update: 76

Source: State Water Resources Control Board
Telephone: 916-341-5455
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

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: 09/16/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/02/2024
Number of Days to Update: 76

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

CUPA LIV-PLE: CUPA Facility Listing
list of facilities associated with the various CUPA programs in Livermore-Pleasanton

Date of Government Version: 09/19/2024
Date Data Arrived at EDR: 11/05/2024
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 87

Source: Livermore-Pleasanton Fire Department
Telephone: 925-454-2361
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Varies

DRYCLEAN SOUTH COAST: South Coast Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the South Coast Air Quality Management District

Date of Government Version: 11/14/2024
Date Data Arrived at EDR: 11/15/2024
Date Made Active in Reports: 02/05/2025
Number of Days to Update: 82

Source: South Coast Air Quality Management District
Telephone: 909-396-3211
Last EDR Contact: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

DRYCLEAN BUTTE: Butte County Air Quality Management DistrictDrycleaner Facility Listing
Butte County Air Quality Management DistrictDrycleaner Facility Listing.

Date of Government Version: 09/10/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 11/25/2024
Number of Days to Update: 75

Source: Butte County Air Quality Management District
Telephone: 530-332-9400
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SHASTA: Shasta County Air Quality Management District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Shasta County Air Quality Management District.

Date of Government Version: 08/29/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69

Source: Shasta County Air Quality Management District
Telephone: 530-225-5674
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN FEATHER RVR: Feather River Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Feather River Air Quality Management District.

Date of Government Version: 03/08/2023
Date Data Arrived at EDR: 03/09/2023
Date Made Active in Reports: 06/05/2023
Number of Days to Update: 88

Source: Feather River Air Quality Management District
Telephone: 530-634-7659
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN AVAQMD: Antelope Valley Air Quality Management District Drycleaner Listing
A listing of dry cleaners in the Antelope Valley Air Quality Management District.

Date of Government Version: 05/29/2024
Date Data Arrived at EDR: 11/07/2024
Date Made Active in Reports: 11/22/2024
Number of Days to Update: 15

Source: Antelope Valley Air Quality Management District
Telephone: 661-723-8070
Last EDR Contact: 11/07/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Varies

DRYCLEAN N SONOMA: Norther Sonoma County County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sonoma County Air Pollution Control District.,

Date of Government Version: 08/23/2024
Date Data Arrived at EDR: 08/26/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 71

Source: Santa Barbara County Air Pollution Control District
Telephone: 707-433-5911
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEANERS: Cleaner Facilities
A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Annually

DRYCLEAN GLENN: Glenn County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Glenn County Air Pollution Control District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 77

Source: Glenn County Air Pollution Control District
Telephone: 530-934-6500
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN GRANT: Grant Recipients List
Assembly Bill 998 (AB 998) established the Non-Toxic Dry Cleaning Incentive Program to provide financial assistance to the dry cleaning industry to switch from systems using perchloroethylene (Perc), an identified toxic air contaminant and potential human carcinogen, to non-toxic and non-smog forming alternatives.

Date of Government Version: 12/31/2021
Date Data Arrived at EDR: 01/26/2024
Date Made Active in Reports: 04/16/2024
Number of Days to Update: 81

Source: California Air Resources Board
Telephone: 916-323-0006
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

DRYCLEAN YOLO-SOLANO: Yolo-Solano Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Yolo-Solano Air Quality Management District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/26/2024
Date Made Active in Reports: 11/06/2024
Number of Days to Update: 72

Source: Yolo-Solano Air Quality Management District
Telephone: 530-757-3650
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN LAKE: Lake County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Lake County Air Quality Management District,

Date of Government Version: 02/15/2024
Date Data Arrived at EDR: 02/16/2024
Date Made Active in Reports: 05/02/2024
Number of Days to Update: 76

Source: Lake County Air Quality Management District
Telephone: 707-263-7000
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN DIEGO: San Diego County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Diego County Air Pollution Control District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 77

Source: San Diego County Air Pollution Control District
Telephone: 858-586-2616
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MENDOCINO: Mendocino County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mendocino County Air Quality Management District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 09/03/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 71

Source: Mendocino County Air Quality Management District
Telephone: 707-463-4354
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SACRAMENTO: Sacramento Metropolitan Air Quality Management DistrictDrycleaner Facility Listing
A listing of drycleaner facility locations, for the Sacramento Metropolitan Air Quality Management District.

Date of Government Version: 09/03/2024
Date Data Arrived at EDR: 09/05/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 69

Source: Sacramento Metropolitan Air Quality Management District
Telephone: 916-874-3958
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN IMPERIAL: Imperial County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Imperial County Air Pollution Control District

Date of Government Version: 10/02/2024
Date Data Arrived at EDR: 10/03/2024
Date Made Active in Reports: 12/20/2024
Number of Days to Update: 78

Source: Imperial County Air Pollution Control District
Telephone: 442-265-1800
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN LUIS OB: San Luis Obispo County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Luis Obispo County Air Pollution Control District.

Date of Government Version: 01/03/2024
Date Data Arrived at EDR: 01/04/2024
Date Made Active in Reports: 03/20/2024
Number of Days to Update: 76

Source: San Luis Obispo County Air Pollution Control District
Telephone: 805-781-5756
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN PLACER: Placer County Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Placer County Air Quality Management District.

Date of Government Version: 05/15/2023
Date Data Arrived at EDR: 05/17/2023
Date Made Active in Reports: 08/14/2023
Number of Days to Update: 89

Source: Placer County Air Quality Management District
Telephone: 530-745-2335
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN BAY AREA: Bay Area Air Quality Management District Drycleaner Facility Listing
Bay Area Air Quality Management District Drycleaner Facility Listing.

Date of Government Version: 02/20/2019
Date Data Arrived at EDR: 05/30/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1432
Source: Bay Area Air Quality Management District
Telephone: 415-516-1916
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN CALAVERAS: Calaveras County Environmental Management Agency Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Calaveras County Environmental Management Agency.

Date of Government Version: 06/17/2019
Date Data Arrived at EDR: 06/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1412
Source: Calaveras County Environmental Management Agency
Telephone: 209-754-6399
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/16/2019
Data Release Frequency: Varies

DRYCLEAN N COAST: North Coast Unified Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the North Coast Unified Air Quality Management District.

Date of Government Version: 11/30/2016
Date Data Arrived at EDR: 04/19/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1473
Source: North Coast Unified Air Quality Management District
Telephone: 707-443-3093
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SANTA BARB: Santa Barbara County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Santa Barbara County Air Pollution Control District.

Date of Government Version: 02/19/2019
Date Data Arrived at EDR: 04/17/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1475
Source: Santa Barbara County Air Pollution Control District
Telephone: 805-961-8867
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN TEHAMA: Tehama County Air Pollution Control District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Tehama County Air Pollution Control District.

Date of Government Version: 04/24/2019
Date Data Arrived at EDR: 04/24/2019
Date Made Active in Reports: 05/01/2023
Number of Days to Update: 1468
Source: Tehama County Air Pollution Control District
Telephone: 530-527-3717
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MOJAVE: Mojave Desert Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Mojave Desert Air Quality Management District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75
Source: Mojave Desert Air Quality Management District
Telephone: 760-245-1661
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN N SIERRA: Northern Sierra Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Northern Sierra Air Quality Management District,

Date of Government Version: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75
Source: Northern Sierra Air Quality Management District
Telephone: 530-274-9350
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN MONTERY BAY: Monterey Bay Air Quality Management District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Monterey Bay Air Quality Management District.

Date of Government Version: 09/09/2024
Date Data Arrived at EDR: 09/11/2024
Date Made Active in Reports: 11/26/2024
Number of Days to Update: 76
Source: Monterey Bay Air Quality Management District
Telephone: 831-647-9411
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN AMADOR: Amador Air District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Amador Air Quality Management District

Date of Government Version: 04/26/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77
Source: Amador Air Quality Management District
Telephone: 209-257-0112
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN VENTURA: Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Ventura County Air Pollution Control District.

Date of Government Version: 08/26/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/14/2024
Number of Days to Update: 78
Source: Ventura County Air Pollution Control District
Telephone: 805-645-1421
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN EAST KERN: Eastern Kern Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the Eastern Kern Air Pollution Control District.

Date of Government Version: 08/21/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75
Source: Eastern Kern Air Pollution Control District
Telephone: 661-862-9684
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

DRYCLEAN SAN JOAQUIN: San Joaquin Valley Air Pollution Control District District Drycleaner Facility Listing
A listing of drycleaner facility locations, for the San Joaquin Valley Air Pollution Control District.

Date of Government Version: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/05/2024
Number of Days to Update: 75
Source: San Joaquin Valley Air Pollution Control District
Telephone: 559-230-6001
Last EDR Contact: 08/21/2024
Next Scheduled EDR Contact: 09/11/2023
Data Release Frequency: Varies

EMI: Emissions Inventory Data
Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2022
Date Data Arrived at EDR: 06/11/2024
Date Made Active in Reports: 09/03/2024
Number of Days to Update: 84
Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 12/12/2024
Next Scheduled EDR Contact: 03/24/2025
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: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 76
Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FIN ASSURANCE 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 10/09/2024
Date Data Arrived at EDR: 10/10/2024
Date Made Active in Reports: 12/30/2024
Number of Days to Update: 81

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

FIN ASSURANCE 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 11/06/2024
Date Data Arrived at EDR: 11/08/2024
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 84

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 01/30/2025
Next Scheduled EDR Contact: 05/19/2025
Data Release Frequency: Varies

ICE: Inspection, Compliance and Enforcement
Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 11/08/2024
Date Data Arrived at EDR: 11/08/2024
Date Made Active in Reports: 02/03/2025
Number of Days to Update: 87

Source: Department of Toxic Subsances Control
Telephone: 877-786-9427
Last EDR Contact: 02/11/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 11/08/2024
Date Data Arrived at EDR: 11/08/2024
Date Made Active in Reports: 02/03/2025
Number of Days to Update: 87

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 02/11/2025
Next Scheduled EDR Contact: 05/26/2025
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: 09/30/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 12/13/2024
Number of Days to Update: 73

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 12/27/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Quarterly

HWTS: Hazardous Waste Tracking System

DTSC maintains the Hazardous Waste Tracking System that stores ID number information since the early 1980s and manifest data since 1993. The system collects both manifest copies from the generator and destination facility.

Date of Government Version: 07/19/2024
Date Data Arrived at EDR: 07/30/2024
Date Made Active in Reports: 08/28/2024
Number of Days to Update: 29

Source: Department of Toxic Substances Control
Telephone: 916-324-2444
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
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: 12/31/2023
Date Data Arrived at EDR: 07/02/2024
Date Made Active in Reports: 09/25/2024
Number of Days to Update: 85

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 01/03/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Annually

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/03/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 70

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
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: 07/26/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/06/2024
Number of Days to Update: 76

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 11/04/2024
Date Data Arrived at EDR: 11/05/2024
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 87

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 05/19/2025
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: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/06/2024
Number of Days to Update: 76

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/30/2024
Number of Days to Update: 2
Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
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: 09/05/2024
Date Data Arrived at EDR: 09/06/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 68
Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 12/04/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: No Update Planned

SAN JOSE HAZMAT: Hazardous Material Facilities
Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 11/03/2020
Date Data Arrived at EDR: 11/05/2020
Date Made Active in Reports: 01/26/2021
Number of Days to Update: 82
Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Annually

UIC: UIC Listing
A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 09/02/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 09/05/2024
Number of Days to Update: 1
Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

UIC GEO: Underground Injection Control Sites (GEOTRACKER)
Underground control injection sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1
Source: State Water Resource Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

WASTEWATER PITS: Oil Wastewater Pits Listing
Water officials discovered that oil producers have been dumping chemical-laden wastewater into hundreds of unlined pits that are operating without proper permits. Inspections completed by the Central Valley Regional Water Quality Control Board revealed the existence of previously unidentified waste sites. The water boards review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 02/11/2021
Date Data Arrived at EDR: 07/01/2021
Date Made Active in Reports: 09/29/2021
Number of Days to Update: 90
Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 01/02/2025
Next Scheduled EDR Contact: 04/14/2025
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: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
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: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: No Update Planned

MILITARY PRIV SITES: Military Privatized Sites (GEOTRACKER)
Military privatized sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

PROJECT: Project Sites (GEOTRACKER)
Projects sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
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: 09/03/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 70

Source: State Water Resources Control Board
Telephone: 916-341-5810
Last EDR Contact: 12/03/2024
Next Scheduled EDR Contact: 03/17/2025
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: 08/20/2024
Date Data Arrived at EDR: 08/20/2024
Date Made Active in Reports: 08/22/2024
Number of Days to Update: 2

Source: State Water Resources Control Board
Telephone: 866-794-4977
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
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: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 76

Source: California Environmental Protection Agency
Telephone: 916-323-2514
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

NON-CASE INFO: Non-Case Information Sites (GEOTRACKER)
Non-Case Information sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

OTHER OIL GAS: Other Oil & Gas Projects Sites (GEOTRACKER)
Other Oil & Gas Projects sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

PROD WATER PONDS: Produced Water Ponds Sites (GEOTRACKER)
Produced water ponds sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
Data Release Frequency: Varies

SAMPLING POINT: Sampling Point ? Public Sites (GEOTRACKER)
Sampling point - public sites

Date of Government Version: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
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: 08/28/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 08/29/2024
Number of Days to Update: 1

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
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: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Semi-Annually

UST ALAMEDA: Underground Tanks
Underground storage tank sites located in Alameda county.

Date of Government Version: 12/26/2023
Date Data Arrived at EDR: 12/26/2023
Date Made Active in Reports: 03/19/2024
Number of Days to Update: 84

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA AMADOR: CUPA Facility List
Cupa Facility List

Date of Government Version: 04/27/2023
Date Data Arrived at EDR: 04/27/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 77

Source: Amador County Environmental Health
Telephone: 209-223-6439
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
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: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA CALVERAS: CUPA Facility Listing
Cupa Facility Listing

Date of Government Version: 09/25/2024
Date Data Arrived at EDR: 09/26/2024
Date Made Active in Reports: 12/12/2024
Number of Days to Update: 77

Source: Calveras County Environmental Health
Telephone: 209-754-6399
Last EDR Contact: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA COLUSA: CUPA Facility List
Cupa facility list.

Date of Government Version: 04/06/2020
Date Data Arrived at EDR: 04/23/2020
Date Made Active in Reports: 07/10/2020
Number of Days to Update: 78

Source: Health & Human Services
Telephone: 530-458-0396
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
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: 10/21/2024
Date Data Arrived at EDR: 10/23/2024
Date Made Active in Reports: 01/13/2025
Number of Days to Update: 82

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA DEL NORTE: CUPA Facility List
Cupa Facility list

Date of Government Version: 02/05/2024
Date Data Arrived at EDR: 02/08/2024
Date Made Active in Reports: 04/26/2024
Number of Days to Update: 78

Source: Del Norte County Environmental Health Division
Telephone: 707-465-0426
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA EL DORADO: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/08/2022
Date Data Arrived at EDR: 08/09/2022
Date Made Active in Reports: 09/01/2022
Number of Days to Update: 23

Source: El Dorado County Environmental Management Department
Telephone: 530-621-6623
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

FRESNO COUNTY:

CUPA FRESNO: CUPA Resources List
Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 06/28/2021
Date Data Arrived at EDR: 12/21/2021
Date Made Active in Reports: 03/03/2022
Number of Days to Update: 72

Source: Dept. of Community Health
Telephone: 559-445-3271
Last EDR Contact: 12/19/2024
Next Scheduled EDR Contact: 04/07/2025
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: 01/08/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: No Update Planned

HUMBOLDT COUNTY:

CUPA HUMBOLDT: CUPA Facility List
CUPA facility list.

Date of Government Version: 08/12/2021
Date Data Arrived at EDR: 08/12/2021
Date Made Active in Reports: 11/08/2021
Number of Days to Update: 88

Source: Humboldt County Environmental Health
Telephone: N/A
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Semi-Annually

IMPERIAL COUNTY:

CUPA IMPERIAL: CUPA Facility List
Cupa facility list.

Date of Government Version: 10/09/2024
Date Data Arrived at EDR: 10/11/2024
Date Made Active in Reports: 12/30/2024
Number of Days to Update: 80

Source: San Diego Border Field Office
Telephone: 760-339-2777
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
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: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

KERN COUNTY:

CUPA KERN: CUPA Facility List
A listing of sites included in the Kern County Hazardous Material Business Plan.

Date of Government Version: 01/27/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 2

Source: Kern County Public Health
Telephone: 661-321-3000
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

UST KERN: Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 01/27/2025
Date Data Arrived at EDR: 01/29/2025
Date Made Active in Reports: 01/31/2025
Number of Days to Update: 2

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA KINGS: CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 12/03/2020
Date Data Arrived at EDR: 01/26/2021
Date Made Active in Reports: 04/14/2021
Number of Days to Update: 78

Source: Kings County Department of Public Health
Telephone: 559-584-1411
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

LAKE COUNTY:

CUPA LAKE: CUPA Facility List

Cupa facility list

Date of Government Version: 10/31/2024
Date Data Arrived at EDR: 11/01/2024
Date Made Active in Reports: 01/17/2025
Number of Days to Update: 77

Source: Lake County Environmental Health
Telephone: 707-263-1164
Last EDR Contact: 01/03/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

LASSEN COUNTY:

CUPA LASSEN: CUPA Facility List

Cupa facility list

Date of Government Version: 07/31/2020
Date Data Arrived at EDR: 08/21/2020
Date Made Active in Reports: 11/09/2020
Number of Days to Update: 80

Source: Lassen County Environmental Health
Telephone: 530-251-8528
Last EDR Contact: 01/08/2025
Next Scheduled EDR Contact: 04/28/2025
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: 12/04/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HMS LOS ANGELES: HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 09/26/2024
Date Data Arrived at EDR: 10/01/2024
Date Made Active in Reports: 12/12/2024
Number of Days to Update: 72

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/14/2025
Data Release Frequency: Semi-Annually

LF LOS ANGELES: List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 10/04/2024
Date Data Arrived at EDR: 10/04/2024
Date Made Active in Reports: 12/23/2024
Number of Days to Update: 80

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 01/07/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

LF LOS ANGELES CITY: City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 12/31/2023
Date Data Arrived at EDR: 10/03/2024
Date Made Active in Reports: 12/17/2024
Number of Days to Update: 75

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 01/03/2025
Next Scheduled EDR Contact: 04/21/2025
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: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
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: 05/14/2024
Date Data Arrived at EDR: 07/09/2024
Date Made Active in Reports: 09/27/2024
Number of Days to Update: 80

Source: Los Angeles County Department of Public Works
Telephone: 626-458-6973
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/21/2025
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: 09/01/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/02/2024
Number of Days to Update: 76

Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
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: 09/01/2024
Date Data Arrived at EDR: 09/17/2024
Date Made Active in Reports: 12/02/2024
Number of Days to Update: 76
Source: Los Angeles Fire Department
Telephone: 213-978-3800
Last EDR Contact: 12/11/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Varies

SITE MIT LOS ANGELES: Site Mitigation LA County List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 05/21/2024
Date Data Arrived at EDR: 07/16/2024
Date Made Active in Reports: 10/07/2024
Number of Days to Update: 83
Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
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: 01/03/2025
Next Scheduled EDR Contact: 04/21/2025
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: 01/08/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

UST TORRANCE: City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 10/17/2024
Date Made Active in Reports: 01/07/2025
Number of Days to Update: 82
Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA MADERA: CUPA Facility List
A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 08/10/2020
Date Data Arrived at EDR: 08/12/2020
Date Made Active in Reports: 10/23/2020
Number of Days to Update: 72
Source: Madera County Environmental Health
Telephone: 559-675-7823
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
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: 12/16/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Semi-Annually

MENDOCINO COUNTY:

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2021
Date Data Arrived at EDR: 11/18/2021
Date Made Active in Reports: 11/22/2021
Number of Days to Update: 4

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Annually

MERCED COUNTY:

CUPA MERCED: CUPA Facility List
CUPA facility list.

Date of Government Version: 10/08/2024
Date Data Arrived at EDR: 10/09/2024
Date Made Active in Reports: 10/31/2024
Number of Days to Update: 22

Source: Merced County Environmental Health
Telephone: 209-381-1094
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

MONO COUNTY:

CUPA MONO: CUPA Facility List
CUPA Facility List

Date of Government Version: 02/22/2021
Date Data Arrived at EDR: 03/02/2021
Date Made Active in Reports: 05/19/2021
Number of Days to Update: 78

Source: Mono County Health Department
Telephone: 760-932-5580
Last EDR Contact: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA MONTEREY: CUPA Facility Listing
CUPA Program listing from the Environmental Health Division.

Date of Government Version: 10/18/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/14/2025
Number of Days to Update: 84

Source: Monterey County Health Department
Telephone: 831-796-1297
Last EDR Contact: 12/16/2024
Next Scheduled EDR Contact: 04/07/2025
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: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
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: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA NEVADA: CUPA Facility List
CUPA facility list.

Date of Government Version: 01/27/2025
Date Data Arrived at EDR: 01/27/2025
Date Made Active in Reports: 02/03/2025
Number of Days to Update: 7

Source: Community Development Agency
Telephone: 530-265-1467
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

ORANGE COUNTY:

IND_SITE ORANGE: List of Industrial Site Cleanups Orange County
Petroleum and non-petroleum spills.

Date of Government Version: 10/31/2024
Date Data Arrived at EDR: 10/31/2024
Date Made Active in Reports: 01/24/2025
Number of Days to Update: 85

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/27/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Annually

LUST ORANGE: List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 10/31/2024
Date Data Arrived at EDR: 10/31/2024
Date Made Active in Reports: 01/24/2025
Number of Days to Update: 85

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/27/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Quarterly

UST ORANGE: List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/06/2024
Date Data Arrived at EDR: 08/08/2024
Date Made Active in Reports: 10/29/2024
Number of Days to Update: 82

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 01/27/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Quarterly

PLACER COUNTY:

MS PLACER: Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/06/2024
Number of Days to Update: 76

Source: Placer County Health and Human Services
Telephone: 530-745-2363
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
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: 01/08/2025
Next Scheduled EDR Contact: 04/28/2025
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: 06/11/2024
Date Data Arrived at EDR: 06/12/2024
Date Made Active in Reports: 06/27/2024
Number of Days to Update: 15

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/04/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: Quarterly

UST RIVERSIDE: Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 12/05/2024
Date Data Arrived at EDR: 12/05/2024
Date Made Active in Reports: 12/31/2024
Number of Days to Update: 26

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 12/04/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

CS SACRAMENTO: Toxic Site Clean-Up List
List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/21/2022
Date Made Active in Reports: 03/16/2023
Number of Days to Update: 85

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/16/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

ML SACRAMENTO: Master Hazardous Materials Facility List
Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 11/07/2022
Date Data Arrived at EDR: 12/09/2022
Date Made Active in Reports: 03/01/2023
Number of Days to Update: 82

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 12/16/2024
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Quarterly

SAN BENITO COUNTY:

CUPA SAN BENITO: CUPA Facility List
Cupa facility list

Date of Government Version: 10/25/2024
Date Data Arrived at EDR: 10/29/2024
Date Made Active in Reports: 01/17/2025
Number of Days to Update: 80

Source: San Benito County Environmental Health
Telephone: N/A
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
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: 08/13/2024
Date Data Arrived at EDR: 08/14/2024
Date Made Active in Reports: 08/20/2024
Number of Days to Update: 6

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 01/28/2025
Next Scheduled EDR Contact: 05/12/2025
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: 08/22/2024
Date Data Arrived at EDR: 08/22/2024
Date Made Active in Reports: 11/06/2024
Number of Days to Update: 76

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 11/20/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Quarterly

LF SAN DIEGO: Solid Waste Facilities
San Diego County Solid Waste Facilities.

Date of Government Version: 10/01/2023
Date Data Arrived at EDR: 01/31/2024
Date Made Active in Reports: 04/17/2024
Number of Days to Update: 77

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

SAN DIEGO CO LOP: Local Oversight Program Listing
A listing of all LOP release sites that are or were under the County of San Diego's jurisdiction. Included are closed or transferred cases, open cases, and cases that did not have a case type indicated. The cases without a case type are mostly complaints; however, some of them could be LOP cases.

Date of Government Version: 07/22/2021
Date Data Arrived at EDR: 10/19/2021
Date Made Active in Reports: 01/13/2022
Number of Days to Update: 86

Source: Department of Environmental Health
Telephone: 858-505-6874
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
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: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

CUPA SAN FRANCISCO CO: CUPA Facility Listing
Cupa facilities

Date of Government Version: 10/28/2024
Date Data Arrived at EDR: 10/30/2024
Date Made Active in Reports: 01/21/2025
Number of Days to Update: 83
Source: San Francisco County Department of Environmental Health
Telephone: 415-252-3896
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

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: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
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: 10/28/2024
Date Data Arrived at EDR: 10/30/2024
Date Made Active in Reports: 01/24/2025
Number of Days to Update: 86
Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Quarterly

SAN FRANCISO COUNTY:

SAN FRANCISCO MAHER: Maher Ordinance Property Listing
a listing of properties that fall within a Maher Ordinance, for all of San Francisco

Date of Government Version: 10/15/2024
Date Data Arrived at EDR: 10/16/2024
Date Made Active in Reports: 01/06/2025
Number of Days to Update: 82
Source: San Francisco Planning
Telephone: 628-652-7483
Last EDR Contact: 01/14/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

SAN JOAQUIN COUNTY:

UST SAN JOAQUIN: San Joaquin Co. UST
A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/22/2018
Date Data Arrived at EDR: 06/26/2018
Date Made Active in Reports: 07/11/2018
Number of Days to Update: 15
Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 12/04/2024
Next Scheduled EDR Contact: 03/24/2025
Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA SAN LUIS OBISPO: CUPA Facility List
Cupa Facility List.

Date of Government Version: 11/12/2024
Date Data Arrived at EDR: 11/13/2024
Date Made Active in Reports: 02/06/2025
Number of Days to Update: 85

Source: San Luis Obispo County Public Health Department
Telephone: 805-781-5596
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
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: 12/05/2024
Next Scheduled EDR Contact: 03/17/2025
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: 11/26/2024
Next Scheduled EDR Contact: 03/17/2025
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: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: No Update Planned

SANTA CLARA COUNTY:

CUPA SANTA CLARA: Cupa Facility List
Cupa facility list

Date of Government Version: 08/12/2024
Date Data Arrived at EDR: 08/13/2024
Date Made Active in Reports: 10/28/2024
Number of Days to Update: 76

Source: Department of Environmental Health
Telephone: 408-918-1973
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
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: 11/13/2024
Next Scheduled EDR Contact: 03/03/2025
Data Release Frequency: No Update Planned

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: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
Data Release Frequency: Varies

SITE MIT SANTA CRUZ: Site Mitigation Santa Cruz County List
Sites may become contaminated with toxic chemicals through illegal dumping or disposal, from leaking underground storage tanks, or through industrial or commercial activities.The goal of the site mitigation program is to protect the public health and the environment while facilitating completion of contaminated site clean-up projects in a timely manner.

Date of Government Version: 12/03/2018
Date Data Arrived at EDR: 06/23/2023
Date Made Active in Reports: 07/13/2023
Number of Days to Update: 20

Source: Santa Cruz Environmental Health Services
Telephone: 831-454-2761
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
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: 02/05/2025
Next Scheduled EDR Contact: 05/26/2025
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: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Quarterly

UST SOLANO: Underground Storage Tanks
Underground storage tank sites located in Solano county.

Date of Government Version: 09/15/2021
Date Data Arrived at EDR: 09/16/2021
Date Made Active in Reports: 12/09/2021
Number of Days to Update: 84

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Quarterly

SONOMA COUNTY:

CUPA SONOMA: Cupa Facility List
Cupa Facility list

Date of Government Version: 07/02/2021
Date Data Arrived at EDR: 07/06/2021
Date Made Active in Reports: 07/14/2021
Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department
Telephone: 707-565-1174
Last EDR Contact: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Varies

LUST SONOMA: Leaking Underground Storage Tank Sites
A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 06/30/2021
Date Data Arrived at EDR: 06/30/2021
Date Made Active in Reports: 09/24/2021
Number of Days to Update: 86

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 12/10/2024
Next Scheduled EDR Contact: 03/31/2025
Data Release Frequency: Quarterly

STANISLAUS COUNTY:

CUPA STANISLAUS: CUPA Facility List
Cupa facility list

Date of Government Version: 02/08/2022
Date Data Arrived at EDR: 02/10/2022
Date Made Active in Reports: 05/04/2022
Number of Days to Update: 83

Source: Stanislaus County Department of Ennvironmental Protection
Telephone: 209-525-6751
Last EDR Contact: 01/03/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Varies

SUTTER COUNTY:

UST SUTTER: Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 07/29/2024
Date Data Arrived at EDR: 09/06/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 68

Source: Sutter County Environmental Health Services
Telephone: 530-822-7500
Last EDR Contact: 11/19/2024
Next Scheduled EDR Contact: 03/10/2025
Data Release Frequency: Semi-Annually

TEHAMA COUNTY:

CUPA TEHAMA: CUPA Facility List
Cupa facilities

Date of Government Version: 08/27/2024
Date Data Arrived at EDR: 08/28/2024
Date Made Active in Reports: 11/12/2024
Number of Days to Update: 76

Source: Tehama County Department of Environmental Health
Telephone: 530-527-8020
Last EDR Contact: 02/05/2025
Next Scheduled EDR Contact: 05/12/2025
Data Release Frequency: Varies

TRINITY COUNTY:

CUPA TRINITY: CUPA Facility List
Cupa facility list

Date of Government Version: 10/09/2024
Date Data Arrived at EDR: 10/11/2024
Date Made Active in Reports: 12/30/2024
Number of Days to Update: 80

Source: Department of Toxic Substances Control
Telephone: 760-352-0381
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/28/2025
Data Release Frequency: Varies

TULARE COUNTY:

CUPA TULARE: CUPA Facility List
Cupa program facilities

Date of Government Version: 10/07/2022
Date Data Arrived at EDR: 10/07/2022
Date Made Active in Reports: 12/21/2022
Number of Days to Update: 75

Source: Tulare County Environmental Health Services Division
Telephone: 559-624-7400
Last EDR Contact: 01/22/2025
Next Scheduled EDR Contact: 05/12/2025
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: 01/08/2025
Next Scheduled EDR Contact: 04/28/2025
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: 07/02/2024
Date Data Arrived at EDR: 07/17/2024
Date Made Active in Reports: 07/23/2024
Number of Days to Update: 6

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 01/13/2025
Next Scheduled EDR Contact: 04/28/2025
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: 12/16/2024
Next Scheduled EDR Contact: 04/07/2025
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: 01/30/2025
Next Scheduled EDR Contact: 05/19/2025
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: 07/02/2024
Date Data Arrived at EDR: 07/18/2024
Date Made Active in Reports: 07/23/2024
Number of Days to Update: 5
Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 01/13/2025
Next Scheduled EDR Contact: 04/28/2025
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: 08/27/2024
Date Data Arrived at EDR: 09/04/2024
Date Made Active in Reports: 11/13/2024
Number of Days to Update: 70
Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 12/05/2024
Next Scheduled EDR Contact: 03/17/2025
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: 09/18/2024
Date Data Arrived at EDR: 09/25/2024
Date Made Active in Reports: 12/13/2024
Number of Days to Update: 79
Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 01/09/2025
Next Scheduled EDR Contact: 04/07/2025
Data Release Frequency: Annually

YUBA COUNTY:

CUPA YUBA: CUPA Facility List
CUPA facility listing for Yuba County.

Date of Government Version: 10/17/2024
Date Data Arrived at EDR: 10/22/2024
Date Made Active in Reports: 01/10/2025
Number of Days to Update: 80
Source: Yuba County Environmental Health Department
Telephone: 530-749-7523
Last EDR Contact: 01/15/2025
Next Scheduled EDR Contact: 05/05/2025
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 11/04/2024
Date Data Arrived at EDR: 11/05/2024
Date Made Active in Reports: 01/27/2025
Number of Days to Update: 83
Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 02/04/2025
Next Scheduled EDR Contact: 05/19/2025
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: 12/23/2024
Next Scheduled EDR Contact: 04/14/2025
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: 12/31/2019
Date Data Arrived at EDR: 11/30/2023
Date Made Active in Reports: 12/01/2023
Number of Days to Update: 1

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 01/23/2025
Next Scheduled EDR Contact: 05/05/2025
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: 01/06/2025
Next Scheduled EDR Contact: 04/21/2025
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2020
Date Data Arrived at EDR: 11/30/2021
Date Made Active in Reports: 02/18/2022
Number of Days to Update: 80

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/06/2025
Next Scheduled EDR Contact: 05/26/2025
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: 11/27/2024
Next Scheduled EDR Contact: 03/17/2025
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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

STREET AND ADDRESS INFORMATION

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GEOCHECK ®- PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

RIVERDALE PHASE I
3086 W MOUNT WHITNEY AVE
RIVERDALE, CA 93656

TARGET PROPERTY COORDINATES

Latitude (North):	36.434666 - 36° 26' 4.80''
Longitude (West):	119.855618 - 119° 51' 20.22''
Universal Tranverse Mercator:	Zone 11
UTM X (Meters):	244012.1
UTM Y (Meters):	4035749.8
Elevation:	223 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	50003631 RIVERDALE, CA
Version Date:	2021
West Map:	50003552 BURREL, CA
Version Date:	2021

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

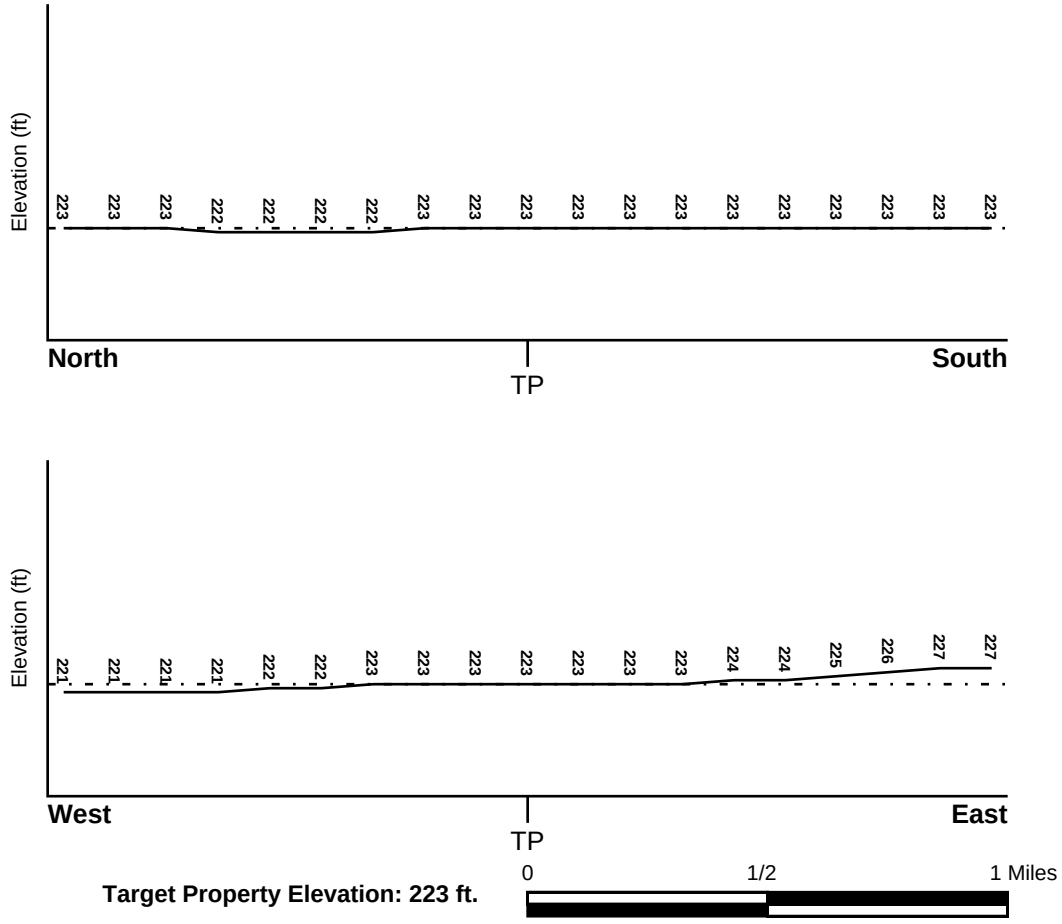
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: Undeterminable

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

Flood Plain Panel at Target Property	FEMA Source Type
06031C0040D	FEMA FIRM Flood data

Additional Panels in search area:	FEMA Source Type
06019C2900H	FEMA FIRM Flood data

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property	NWI Electronic Data Coverage
RIVERDALE	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius:	1.25 miles
Status:	Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

MAP ID	LOCATION FROM TP	GENERAL DIRECTION GROUNDWATER FLOW
Not Reported		

* ©1996 Site−specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

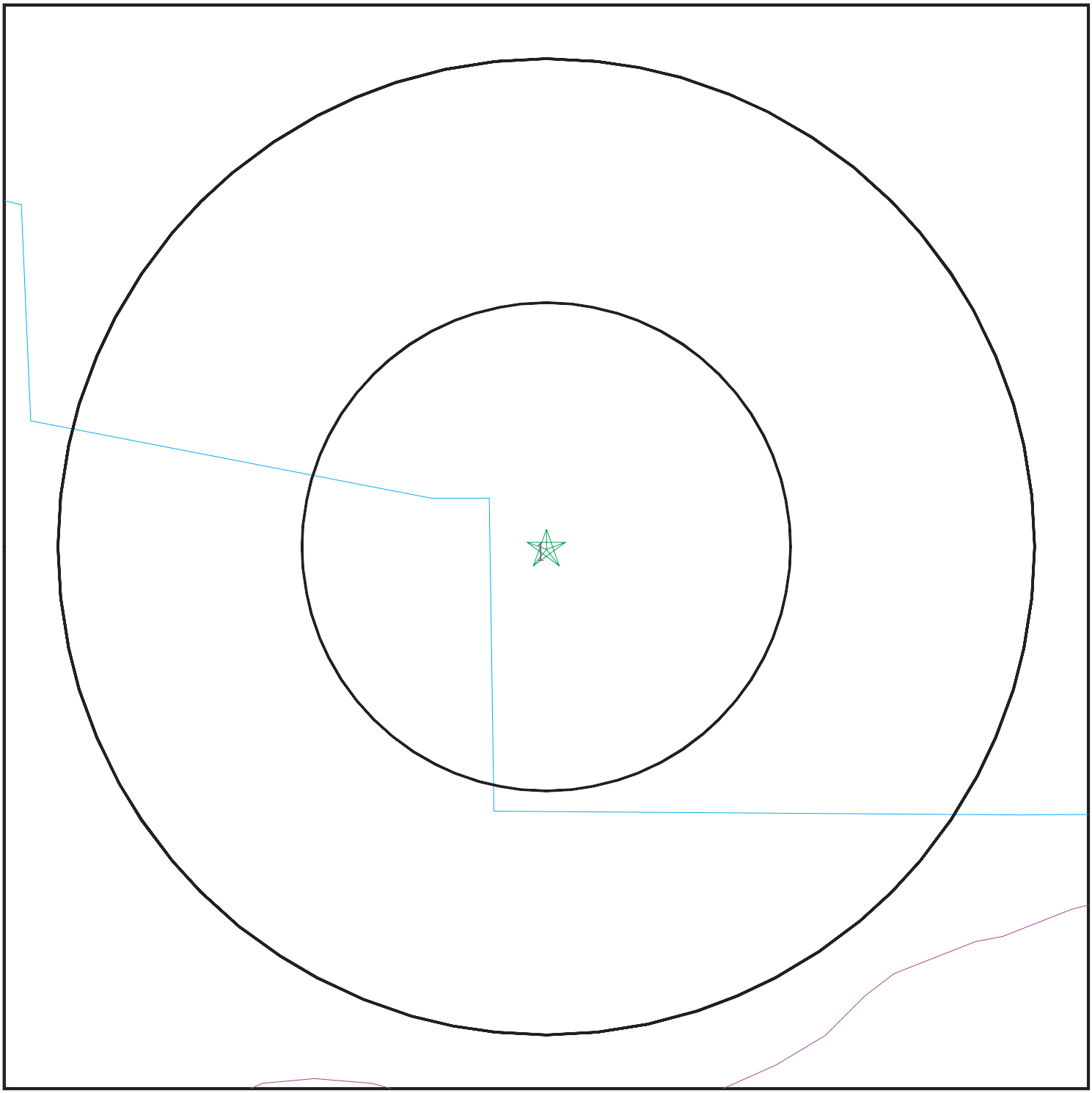
Era:	Cenozoic
System:	Quaternary
Series:	Quaternary
Code:	Q *(decoded above as Era, System & Series)*

GEOLOGIC AGE IDENTIFICATION

Category: Stratifed Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 7896275.2s



SITE NAME:	Riverdale Phase I	CLIENT:	BSK & Associates
ADDRESS:	3086 W Mount Whitney Ave Riverdale CA 93656	CONTACT:	Kevin Grove
LAT/LONG:	36.434666 / 119.855618	INQUIRY #:	7896275.2s
		DATE:	February 12, 2025 10:12 am

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GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: CHINO

Soil Surface Texture: loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse textures.

Soil Drainage Class: Somewhat poorly drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boundary			Classification		Saturated hydraulic conductivity micro m/sec	Soil Reaction (pH)
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		
1	0 inches	11 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 7.4
2	11 inches	18 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 7.4
3	18 inches	23 inches	stratified fine sandy loam to clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 14 Min: 4	Max: 8.4 Min: 7.4

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE	SEARCH DISTANCE (miles)
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A1	USGS40000173574	0 - 1/8 Mile SSE
C5	USGS40000173568	1/4 - 1/2 Mile SW
B7	USGS40000173512	1/4 - 1/2 Mile SW
B8	USGS40000173555	1/4 - 1/2 Mile SW
D14	USGS40000173647	1/2 - 1 Mile NW
26	USGS40000173717	1/2 - 1 Mile North
28	USGS40000173648	1/2 - 1 Mile WNW
29	USGS40000173716	1/2 - 1 Mile NNE
30	USGS40000173739	1/2 - 1 Mile NNW
31	USGS40000173755	1/2 - 1 Mile North
32	USGS40000173476	1/2 - 1 Mile SE
I41	USGS40000173482	1/2 - 1 Mile WSW

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
B4	CA1000365	1/4 - 1/2 Mile SW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	13517	1/8 - 1/4 Mile South
A3	CADDW2000010601	1/8 - 1/4 Mile SSE
C6	CADDW2000015377	1/4 - 1/2 Mile SW
C9	13515	1/4 - 1/2 Mile SW
C10	CADWR9000026671	1/4 - 1/2 Mile SW
11	CADDW2000009561	1/4 - 1/2 Mile West
D12	CADWR9000026727	1/2 - 1 Mile NW
D13	CADWR0000014428	1/2 - 1 Mile NW
15	CADWR9000026708	1/2 - 1 Mile ENE

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

STATE DATABASE WELL INFORMATION

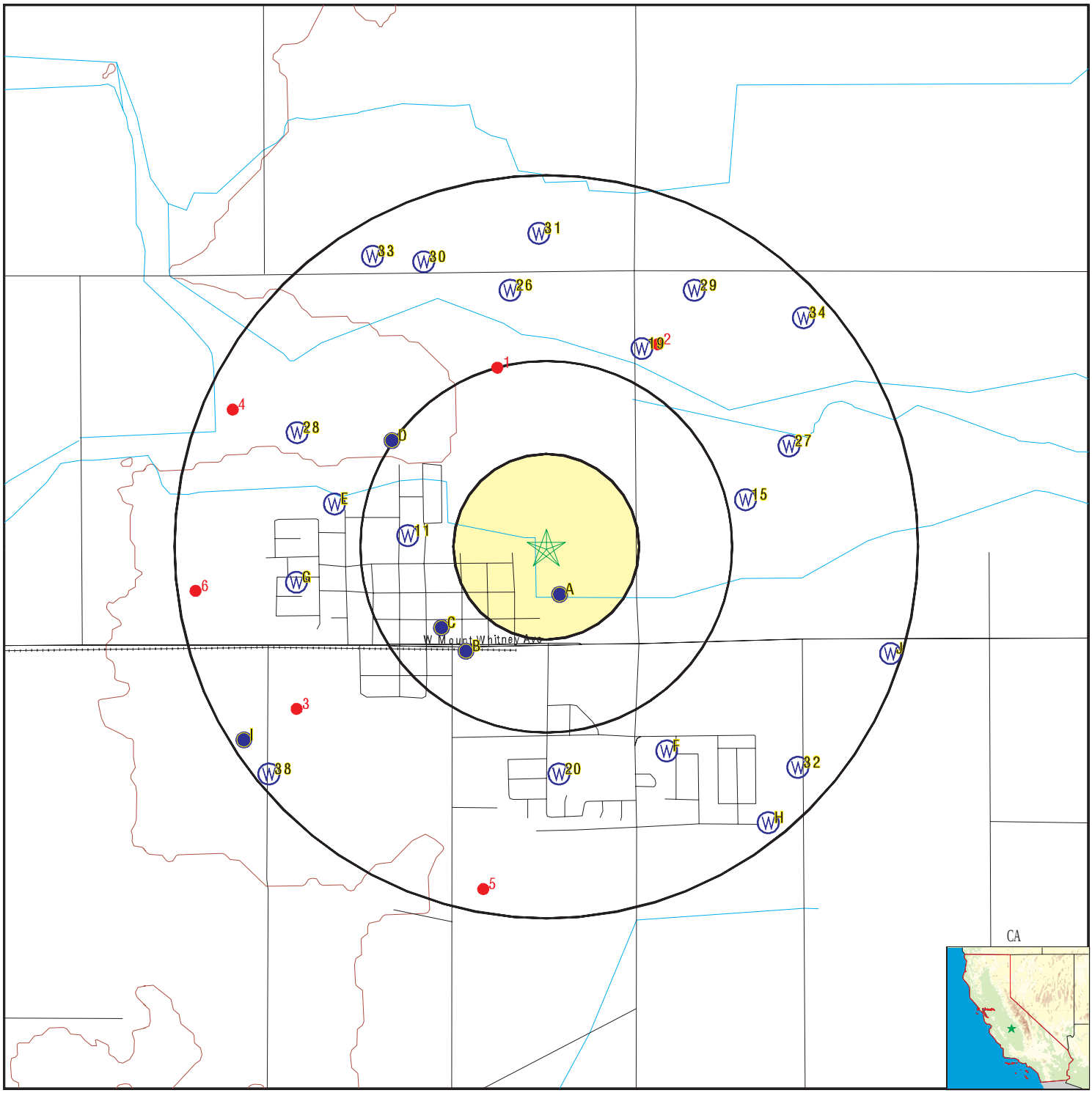
MAP ID	WELL ID	LOCATION FROM TP
E16	CADDW2000018110	1/2 - 1 Mile WNW
E17	CADDW2000008849	1/2 - 1 Mile West
E18	CADWR9000026703	1/2 - 1 Mile WNW
19	CADWR9000026742	1/2 - 1 Mile NNE
20	CADWR0000033886	1/2 - 1 Mile South
F21	CAUSGSN00002200	1/2 - 1 Mile SSE
F22	CAUSGS000002600	1/2 - 1 Mile SSE
F23	CADDW2000004981	1/2 - 1 Mile SSE
G24	13514	1/2 - 1 Mile West
G25	13516	1/2 - 1 Mile West
27	CADPR0000005605	1/2 - 1 Mile ENE
33	CADWR9000026837	1/2 - 1 Mile NNW
34	CADPR0000004245	1/2 - 1 Mile NE
H35	CADWR9000026557	1/2 - 1 Mile SE
I36	CADWR9000026575	1/2 - 1 Mile WSW
H37	CADDW2000012753	1/2 - 1 Mile SE
38	CADWR0000030971	1/2 - 1 Mile SW
J39	CADWR9000026645	1/2 - 1 Mile ESE
J40	CADWR9000026646	1/2 - 1 Mile ESE

OTHER STATE DATABASE INFORMATION

STATE OIL/GAS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
1	CAOG17000003792	1/4 - 1/2 Mile NNW
2	CAOG17000003806	1/2 - 1 Mile NNE
3	CAOG17000211693	1/2 - 1 Mile WSW
4	CAOG17000012139	1/2 - 1 Mile WNW
5	CAOG17000009905	1/2 - 1 Mile South
6	CAOG17000211663	1/2 - 1 Mile West

PHYSICAL SETTING SOURCE MAP - 7896275.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons
- Groundwater Flow Direction
- GI Indeterminate Groundwater Flow at Location
- GV Groundwater Flow Varies at Location
- HD Closest Hydrogeological Data
- Oil, gas or related wells

SITE NAME:	Riverdale Phase I	CLIENT:	BSK & Associates
ADDRESS:	3086 W Mount Whitney Ave Riverdale CA 93656	CONTACT:	Kevin Grove
LAT/LONG:	36.434666 / 119.855618	INQUIRY #:	7896275.2s
		DATE:	February 12, 2025 10:12 am

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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

A1
SSE
0 - 1/8 Mile
Higher

FED USGS **USGS40000173574**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	017S019E24R001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	300
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-10-24
Feet below surface:	69.51	Feet to sea level:	Not Reported
Note:	Not Reported		

A2
South
1/8 - 1/4 Mile
Higher

CA WELLS **13517**

Seq:	13517	Prim sta c:	17S/19E-24R01 M
Frds no:	1000320001	County:	10
District:	40	User id:	10C
System no:	1000320	Water type:	G
Source nam:	SCHOOL WELL	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	362558.0	Longitude:	1195116.0
Precision:	3	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		

System no:	1000320	System nam:	Riverdale Joint Union High School
Hqname:	Not Reported	Address:	P.O. BOX 726
City:	RIVERDALE	State:	CA
Zip:	93656	Zip ext:	Not Reported
Pop serv:	450	Connection:	4
Area serve:	Not Reported		

A3
SSE
1/8 - 1/4 Mile
Higher

CA WELLS **CADDW2000010601**

GAMA:

Well ID:	CA1000320_001_001	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	1000320-001
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA1000320_001_001&store_num=		

GeoTracker Data: Not Reported

B4
SW
1/4 - 1/2 Mile
Higher

FRDS PWS CA1000365

Epa region:	09	State:	CA
Pwsid:	CA1000365	Pwsname:	PONDEROSA TRAILER PARK
Cityserved:	Not Reported	Stateserved:	CA
Zipserved:	Not Reported	Fipscounty:	06019
Status:	Active	Retpopsrvd:	76
Pwssvcconn:	39	Psource longname:	Groundwater
Pwstype:	TNCWS	Owner:	Private
Contact:	ALSUP, TERRI	Contactorgname:	ALSUP, TERRI
Contactphone:	559-433-1049	Contactaddress1:	2754 West Alluvial Avenue
Contactaddress2:	Not Reported	Contactcity:	FRESNO
Contactstate:	CA	Contactzip:	93711
Pwsactivitycode:	A		

PWS ID:	CA1000365	PWS type:	System Owner/Responsible Party
PWS name:	FRANK COEHLO	PWS address:	Not Reported
PWS city:	SHAVER LAKE	PWS state:	CA
PWS zip:	93664	PWS name:	PONDEROSA TRAILER PARK
PWS type code:	NC	Retail population served:	156
Contact:	Terri Alsup	Contact address:	883 E. Dartmouth Dr.
Contact address:	Fresno	Contact city:	CA
Contact state:	93	Contact zip:	5594331049
Contact telephone:	Not Reported		

PWS ID:	CA1000365	Activity status:	Active
Date system activated:	7706	Date system deactivated:	Not Reported
Retail population:	00000156	System name:	PONDEROSA TRAILER PARK
System address:	FRANK COEHLO	System address:	44105 DORA BELLA RD
System city:	SHAVER LAKE	System state:	CA
System zip:	93664		

Population served:	101 - 500 Persons	Treatment:	Untreated
Latitude:	362551	Longitude:	1195130

Violation id:	500001	Orig code:	S
State:	CA	Violation Year:	2005
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	25	Violation name:	Monitoring, Repeat Major (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	01/01/2005
Cmp edt:	01/31/2005		

Violation id:	923002	Orig code:	S
State:	CA	Violation Year:	2008
Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	11/01/2008
Cmp edt:	11/30/2008		

Violation id:	923003	Orig code:	S
State:	CA	Violation Year:	2009

Contamination code:	3100	Contamination Name:	Coliform (TCR)
Violation code:	22	Violation name:	MCL, Monthly (TCR)
Rule code:	110	Rule name:	TCR
Violation measur:	Not Reported	Unit of measure:	Not Reported
State mcl:	Not Reported	Cmp bdt:	02/01/2009
Cmp edt:	02/28/2009		

Violation ID:	500001	Orig Code:	S
Enforcemnt FY:	2005	Enforcement Action:	01/01/2005
Enforcement Detail:	St AO (w/o penalty) issued		
Enforcement Category:	Formal		

Violation ID:	923002	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	02/13/2009
Enforcement Detail:	St AO (w/o penalty) issued		
Enforcement Category:	Formal		

Violation ID:	923003	Orig Code:	S
Enforcemnt FY:	2009	Enforcement Action:	04/10/2009
Enforcement Detail:	St AO (w/o penalty) issued		
Enforcement Category:	Formal		

PWS name:	PONDEROSA TRAILER PARK	Population served:	156
PWS type code:	NC	Violation ID:	0500001
Contaminant:	Coliform (Tcr)	Violation type:	Monitoring, Repeat Major (TCR)
Compliance start date:	1/1/2005 0:00:00	Compliance end date:	1/31/2005 0:00:00
Enforcement date:	1/1/2005 0:00:00	Enforcement action:	State AO (w/o Penalty) Issued
Violation measurement:	Not Reported		

C5
SW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000173568**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	017S019E24P001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	625
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

C6
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CADDW2000015377**

GAMA:

Well ID:	CA1010028_004_004	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	1010028-004
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA1010028_004_004&store_num=		
GeoTracker Data:	Not Reported		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

B7
SW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000173512**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	017S019E25B001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1940	Well Depth:	300
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-02-14
Feet below surface:	77.43	Feet to sea level:	Not Reported
Note:	Not Reported		

B8
SW
1/4 - 1/2 Mile
Higher

FED USGS **USGS40000173555**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	017S019E25B002M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	300
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-10-24
Feet below surface:	66.83	Feet to sea level:	Not Reported
Note:	Not Reported		

C9
SW
1/4 - 1/2 Mile
Higher

CA WELLS **13515**

Seq:	13515	Prim sta c:	17S/19E-24P02 M
Frds no:	1010028004	County:	10
District:	11	User id:	AGE
System no:	1010028	Water type:	G
Source nam:	WELL 04 - TREATED	Station ty:	WELL/AMBNT/MUN/INTAKE
Latitude:	362553.0	Longitude:	1195135.0
Precision:	3	Status:	AT
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported

Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1010028	System nam:	Riverdale Pud
Hqname:	Not Reported	Address:	P O BOX 143
City:	RIVERDALE	State:	Not Reported
Zip:	93656	Zip ext:	Not Reported
Pop serv:	2240	Connection:	640
Area serve:	RIVERDALE		
Sample date:	06-MAY-13	Finding:	37.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	11-FEB-13	Finding:	2.
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	11-FEB-13	Finding:	40.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	05-FEB-13	Finding:	39.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	21-MAY-12	Finding:	270.
Chemical:	BICARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	23.
Chemical:	CARBONATE ALKALINITY	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	3.8
Chemical:	HARDNESS (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	1.5
Chemical:	CALCIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	140.
Chemical:	SODIUM	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	40.
Chemical:	CHLORIDE	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	32.
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		
Sample date:	21-MAY-12	Finding:	52.
Chemical:	ALUMINUM	Report units:	UG/L
Dlr:	50.		
Sample date:	21-MAY-12	Finding:	8.34
Chemical:	GROSS ALPHA	Report units:	PCI/L
Dlr:	3.		

Sample date:	21-MAY-12	Finding:	0.467
Chemical:	GROSS ALPHA COUNTING ERROR	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	390.
Chemical:	TOTAL DISSOLVED SOLIDS	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	0.31
Chemical:	TURBIDITY, LABORATORY	Report units:	NTU
Dlr:	0.1		
Sample date:	21-MAY-12	Finding:	12.
Chemical:	AGGRSSIVE INDEX (CORROSIVITY)	Report units:	Not Reported
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	1.09
Chemical:	GROSS ALPHA MDA95	Report units:	PCI/L
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	260.
Chemical:	ALKALINITY (TOTAL) AS CACO3	Report units:	MG/L
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	8.9
Chemical:	PH, LABORATORY	Report units:	Not Reported
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	630.
Chemical:	SPECIFIC CONDUCTANCE	Report units:	US
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	70.
Chemical:	COLOR	Report units:	UNITS
Dlr:	0.		
Sample date:	21-MAY-12	Finding:	2.2
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	18-JAN-12	Finding:	1.99
Chemical:	FLUORIDE (F) (NATURAL-SOURCE)	Report units:	MG/L
Dlr:	0.1		
Sample date:	18-JAN-12	Finding:	30.9
Chemical:	ARSENIC	Report units:	UG/L
Dlr:	2.		

C10
SW
1/4 - 1/2 Mile
Higher

CA WELLS **CADWR9000026671**

State Well #:	Not Reported	Station ID:	54416
Well Name:	RPUD-04	Basin Name:	Kings
Well Use:	Public Supply	Well Type:	Single Well
Well Depth:	500	Well Completion Rpt #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

11
West
1/4 - 1/2 Mile
Higher | **CA WELLS** | **CADDW2000009561**

GAMA:

Well ID:	CA1010028_003_003	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	1010028-003
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA1010028_003_003&store_num=		
GeoTracker Data:	Not Reported		

D12
NW
1/2 - 1 Mile
Lower | **CA WELLS** | **CADWR9000026727**

State Well #:	17S19E24F001M	Station ID:	20292
Well Name:	Not Reported	Basin Name:	Kings
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

D13
NW
1/2 - 1 Mile
Lower | **CA WELLS** | **CADWR0000014428**

Well ID:	17S19E24F001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	17S19E24F001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=17S19E24F001M&store_num=		
GeoTracker Data:	Not Reported		

D14
NW
1/2 - 1 Mile
Lower | **FED USGS** | **USGS40000173647**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	017S019E24F001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19510601	Well Depth:	300
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-10-24

Feet below surface:	62.16	Feet to sea level:	Not Reported
Note:	Not Reported		

15
ENE **CA WELLS** **CADWR9000026708**
1/2 - 1 Mile
Higher

State Well #:	Not Reported	Station ID:	54430
Well Name:	Well 1982111	Basin Name:	Kings
Well Use:	Public Supply	Well Type:	Single Well
Well Depth:	415	Well Completion Rpt #:	Not Reported

E16
WNW **CA WELLS** **CADDW2000018110**
1/2 - 1 Mile
Lower

GAMA:

Well ID:	CA1010028_005_005	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	1010028-005
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA1010028_005_005&store_num=		
GeoTracker Data:	Not Reported		

E17
West **CA WELLS** **CADDW2000008849**
1/2 - 1 Mile
Lower

GAMA:

Well ID:	CA1010028_010_010	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	1010028-010
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA1010028_010_010&store_num=		
GeoTracker Data:	Not Reported		

E18
WNW **CA WELLS** **CADWR9000026703**
1/2 - 1 Mile
Lower

State Well #:	Not Reported	Station ID:	54418
Well Name:	RPUD-07	Basin Name:	Kings
Well Use:	Public Supply	Well Type:	Single Well
Well Depth:	1850	Well Completion Rpt #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

19
NNE
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000026742**

State Well #:	17S20E18D001M	Station ID:	35585
Well Name:	17S20E18D001M	Basin Name:	Kings
Well Use:	Unknown	Well Type:	Single Well
Well Depth:	0	Well Completion Rpt #:	Not Reported

20
South
1/2 - 1 Mile
Higher

CA WELLS **CADWR0000033886**

Well ID:	17S20E30D001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	17S20E30D001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=17S20E30D001M&store_num=		
GeoTracker Data:	Not Reported		

F21
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAUSGSN00002200**

Well ID:	USGS-362500119500001	Well Type:	UNK
Source:	United States Geological Survey		
Other Name:	USGS-362500119500001	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGSNEW&samp_date=&global_id=&assigned_name=USGS-362500119500001&store_num=		
GeoTracker Data:	Not Reported		

F22
SSE
1/2 - 1 Mile
Higher

CA WELLS **CAUSGS000002600**

GAMA:

Well ID:	KING-03	Well Type:	MUNICIPAL
Source:	United States Geological Survey		
Other Names:	KING-03	GAMA Pfas testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=USGS&samp_date=&global_id=&assigned_name=KING-03&store_num=		
GeoTracker Data:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

F23
SSE
1/2 - 1 Mile
Higher

CA WELLS **CADDW2000004981**

GAMA:

Well ID:	CA1010028_002_002	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	1010028-002
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA1010028_002_002&store_num=		
GeoTracker Data:	Not Reported		

G24
West
1/2 - 1 Mile
Lower

CA WELLS **13514**

Seq:	13514	Prim sta c:	17S/19E-24P01 M
Frds no:	1010028003	County:	10
District:	11	User id:	AGE
System no:	1010028	Water type:	G
Source nam:	WELL 03 - SHERRILL AVE	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	362600.0	Longitude:	1195200.0
Precision:	8	Status:	AR
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1010028	System nam:	Riverdale Pud
Hqname:	Not Reported	Address:	P O BOX 143
City:	RIVERDALE	State:	Not Reported
Zip:	93656	Zip ext:	Not Reported
Pop serv:	2240	Connection:	640
Area serve:	RIVERDALE		

G25
West
1/2 - 1 Mile
Lower

CA WELLS **13516**

Seq:	13516	Prim sta c:	17S/19E-24Q01 M
Frds no:	1010028001	County:	10
District:	11	User id:	AGE
System no:	1010028	Water type:	G
Source nam:	WELL 01 - DESTROYED	Station ty:	WELL/AMBNT/MUN/INTAKE/SUPPLY
Latitude:	362600.0	Longitude:	1195200.0
Precision:	8	Status:	DS
Comment 1:	Not Reported	Comment 2:	Not Reported
Comment 3:	Not Reported	Comment 4:	Not Reported
Comment 5:	Not Reported	Comment 6:	Not Reported
Comment 7:	Not Reported		
System no:	1010028	System nam:	Riverdale Pud
Hqname:	Not Reported	Address:	P O BOX 143
City:	RIVERDALE	State:	Not Reported

Zip:	93656	Zip ext:	Not Reported
Pop serv:	2240	Connection:	640
Area serve:	RIVERDALE		

26
North
1/2 - 1 Mile
Lower

FED USGS **USGS40000173717**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	017S019E13P001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	Not Reported
Well Depth Units:	Not Reported	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

27
ENE
1/2 - 1 Mile
Higher

CA WELLS **CADPR0000005605**

Well ID:	97793	Well Type:	UNK
Source:	Department of Pesticide Regulation		
Other Name:	97793	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DPR&samp_date=&global_id=&assigned_name=97793&store_num=		
GeoTracker Data:	Not Reported		

28
WNW
1/2 - 1 Mile
Lower

FED USGS **USGS40000173648**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	017S019E24E001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	1939	Well Depth:	305
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-02-18
Feet below surface:	60.12	Feet to sea level:	Not Reported
Note:	Not Reported		

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

29
NNE
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000173716**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	017S019E24A001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	270
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

30
NNW
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000173739**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	017S019E13P002M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19600101	Well Depth:	160
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-02-18
Feet below surface:	60.10	Feet to sea level:	Not Reported
Note:	Not Reported		

31
North
1/2 - 1 Mile
Higher | **FED USGS** | **USGS40000173755**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	017S019E24B001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	Not Reported	Well Depth:	100
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1961-11-20
Feet below surface:	62.20	Feet to sea level:	Not Reported
Note:	Not Reported		

32
SE
1/2 - 1 Mile
Higher

FED USGS **USGS40000173476**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	017S020E30F002M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19610612	Well Depth:	42
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-10-29
Feet below surface:	36.29	Feet to sea level:	Not Reported
Note:	Not Reported		

33
NNW
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000026837**

State Well #:	17S19E13P001M	Station ID:	20285
Well Name:	Not Reported	Basin Name:	Kings
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

34
NE
1/2 - 1 Mile
Higher

CA WELLS **CADPR0000004245**

Well ID:	92619	Well Type:	UNK
Source:	Department of Pesticide Regulation		
Other Name:	92619	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DPR&samp_date=&global_id=&assigned_name=92619&store_num=		
GeoTracker Data:	Not Reported		

H35
SE
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000026557**

State Well #:	Not Reported	Station ID:	54417
Well Name:	RPUD-06	Basin Name:	Kings
Well Use:	Public Supply	Well Type:	Single Well

Well Depth:	1860	Well Completion Rpt #:	Not Reported

I36
WSW **CA WELLS** **CADWR9000026575**
1/2 - 1 Mile
Higher

State Well #:	17S19E26H001M	Station ID:	35310
Well Name:	Not Reported	Basin Name:	Kings
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

H37
SE **CA WELLS** **CADDW2000012753**
1/2 - 1 Mile
Higher

GAMA:

Well ID:	CA1010028_009_009	Well Type:	MUNICIPAL
Source:	DDW	Other Names:	1010028-009
GAMA Pfas testing:	Not Reported		
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DHS&samp_date=&global_id=&assigned_name=CA1010028_009_009&store_num=		
GeoTracker Data:	Not Reported		

38
SW **CA WELLS** **CADWR0000030971**
1/2 - 1 Mile
Higher

Well ID:	17S19E25C001M	Well Type:	UNK
Source:	Department of Water Resources		
Other Name:	17S19E25C001M	GAMA PFAS Testing:	Not Reported
Groundwater Quality Data:	https://gamagroundwater.waterboards.ca.gov/gama/gamamap/public/GamaDataDisplay.asp?dataset=DWR&samp_date=&global_id=&assigned_name=17S19E25C001M&store_num=		
GeoTracker Data:	Not Reported		

J39
ESE **CA WELLS** **CADWR9000026645**
1/2 - 1 Mile
Higher

State Well #:	17S20E30A001M	Station ID:	34362
Well Name:	Not Reported	Basin Name:	Kings
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation | Database | EDR ID Number

J40
ESE
1/2 - 1 Mile
Higher

CA WELLS **CADWR9000026646**

State Well #:	17S20E30A002M	Station ID:	20976
Well Name:	Not Reported	Basin Name:	Kings
Well Use:	Unknown	Well Type:	Unknown
Well Depth:	0	Well Completion Rpt #:	Not Reported

I41
WSW
1/2 - 1 Mile
Higher

FED USGS **USGS40000173482**

Organization ID:	USGS-CA		
Organization Name:	USGS California Water Science Center		
Monitor Location:	017S019E26H001M	Type:	Well
Description:	Not Reported	HUC:	18030012
Drainage Area:	Not Reported	Drainage Area Units:	Not Reported
Contrib Drainage Area:	Not Reported	Contrib Drainage Area Unts:	Not Reported
Aquifer:	Central Valley aquifer system		
Formation Type:	Not Reported	Aquifer Type:	Not Reported
Construction Date:	19580401	Well Depth:	320
Well Depth Units:	ft	Well Hole Depth:	Not Reported
Well Hole Depth Units:	Not Reported		

Ground water levels,Number of Measurements:	1	Level reading date:	1963-10-24
Feet below surface:	73.44	Feet to sea level:	Not Reported
Note:	Not Reported		

Map ID
Direction
Distance

Database EDR ID Number

1
NNW **OIL_GAS** **CAOG17000003792**
1/4 - 1/2 Mile

OIL_GAS:

API #:	0401923138	Well #:	1
Well Type:	Dry Hole	Well Status:	Plugged
Lease Name:	Mt. Whitney Dairy	Well Design:	Mt. Whitney Dairy 1
Operator ID:	D1710	Operator Name:	Dekalb Energy Co.
Field Name:	Any Field	Area Name:	Any Area
Place:	Fresno County	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	08/01/1989		
Well Record Request URL:	https://filerequest.conservation.ca.gov/WellRecord?api=01923138		

2
NNE **OIL_GAS** **CAOG17000003806**
1/2 - 1 Mile

OIL_GAS:

API #:	0401923097	Well #:	1
Well Type:	Dry Hole	Well Status:	Plugged
Lease Name:	Harlan	Well Design:	Harlan 1
Operator ID:	D1710	Operator Name:	Dekalb Energy Co.
Field Name:	Any Field	Area Name:	Any Area
Place:	Fresno County	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	02/14/1989		
Well Record Request URL:	https://filerequest.conservation.ca.gov/WellRecord?api=01923097		

3
WSW **OIL_GAS** **CAOG17000211693**
1/2 - 1 Mile

OIL_GAS:

API #:	0401921902	Well #:	1-25
Well Type:	Oil & Gas	Well Status:	Plugged
Lease Name:	Evangello	Well Design:	Evangello 1-25
Operator ID:	04858	Operator Name:	Kaiser Energy, Inc.
Field Name:	Riverdale	Area Name:	Any Area
Place:	Fresno County	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	11/10/1983		
Well Record Request URL:	https://filerequest.conservation.ca.gov/WellRecord?api=01921902		

4
WNW **OIL_GAS** **CAOG17000012139**
1/2 - 1 Mile

OIL_GAS:

API #:	0401924229	Well #:	23-1
Well Type:	Dry Hole	Well Status:	Plugged
Lease Name:	Fuller	Well Design:	Fuller 23-1
Operator ID:	T3460	Operator Name:	Towne Exploration Company, LP
Field Name:	Any Field	Area Name:	Any Area
Place:	Fresno County	GIS Source:	GPS
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	09/28/2002		
Well Record Request URL:	https://filerequest.conservation.ca.gov/WellRecord?api=01924229		

5
South **OIL_GAS** **CAOG17000009905**
1/2 - 1 Mile

OIL_GAS:

API #:	0401921960	Well #:	1-25
Well Type:	Dry Hole	Well Status:	Plugged
Lease Name:	Coelho	Well Design:	Coelho 1-25
Operator ID:	H5750	Operator Name:	Hrubetz Oil Co.
Field Name:	Any Field	Area Name:	Any Area
Place:	Fresno County	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	12/28/1983		
Well Record Request URL:	https://filerequest.conservation.ca.gov/WellRecord?api=01921960		

6
West **OIL_GAS** **CAOG17000211663**
1/2 - 1 Mile

OIL_GAS:

API #:	0401924786	Well #:	1X-23
Well Type:	Oil & Gas	Well Status:	Active
Lease Name:	Jensen	Well Design:	Jensen 1X-23
Operator ID:	11798	Operator Name:	KMP Operating Inc.
Field Name:	Riverdale	Area Name:	Any Area
Place:	Fresno County	GIS Source:	hud
Confidential Well:	N	Directionally Drilled:	N
Spud Date:	05/05/2008		
Well Record Request URL:	https://filerequest.conservation.ca.gov/WellRecord?api=01924786		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS
RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
93656	3	0

Federal EPA Radon Zone for FRESNO County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 93656

Number of sites tested: 1

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	2.600 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)
Source: United States Geologic Survey
EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Current USGS 7.5 Minute Topographic Map
Source: U.S. Geological Survey

HYDROLOGIC INFORMATION

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.
Source: FEMA
Telephone: 877-336-2627
Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005, 2010 and 2015 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory
Source: Department of Fish and Wildlife
Telephone: 916-445-0411

HYDROGEOLOGIC INFORMATION

AQUIFLOW^{R} Information System
Source: EDR proprietary database of groundwater flow information
EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit
Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database
Source: Department of Agriculture, Natural Resources Conservation Service (NRCS)
Telephone: 800-672-5559
SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Service, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

OTHER STATE DATABASE INFORMATION

Groundwater Ambient Monitoring & Assessment Program
State Water Resources Control Board
Telephone: 916-341-5577
The GAMA Program is Californias comprehensive groundwater quality monitoring program. GAMA collects data by testing the untreated, raw water in different types of wells for naturally-occurring and man-made chemicals. The GAMA data includes Domestic, Monitoring and Municipal well types from the following sources, Department of Water Resources, Department of Heath Services, EDF, Agricultural Lands, Lawrence Livermore National Laboratory, Department of Pesticide Regulation, United States Geological Survey, Groundwater Ambient Monitoring and Assessment Program and Local Groundwater Projects.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Public Health
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

Geothermal Wells Listing
Department of Conservation
Telephone: 916-445-9686
Geothermal well means a well constructed to extract or return water to the ground after it has been used for heating or cooling purposes. Geothermal wells in California (except for wells on federal leases which are administered by the Bureau of Land Management) are permitted, drilled, operated, and permanently sealed and closed (plugged and abandoned) under requirements and procedures administered by the Geothermal Section of the Department of Conservations Geologic Energy Management Division (CalGEM, formerly DOGGR).

California Oil and Gas Well Locations
Source: Dept of Conservation, Geologic Energy Management Division
Telephone: 916-323-1779
Oil and Gas well locations in the state.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

California Earthquake Fault Lines
Source: California Division of Mines and Geology
The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

RADON

State Database: CA Radon
Source: Department of Public Health
Telephone: 916-210-8558
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities
Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater
Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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Riverdale Phase I

3086 W Mount Whitney Ave

Riverdale, CA 93656

Inquiry Number: 7896275.4

February 11, 2025

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

02/11/25

Site Name:

Riverdale Phase I
3086 W Mount Whitney Ave
Riverdale, CA 93656
EDR Inquiry # 7896275.4

Client Name:

BSK & Associates
691 N. Laverne Avenue, Suite 101
Fresno, CA 93727
Contact: Kevin Grove

EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by BSK & Associates 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.# P25000088

Project: P25000088

Coordinates:

Latitude:	36.434666 36° 26' 5" North
Longitude:	-119.855618 -119° 51' 20" West
UTM Zone:	Zone 11 North
UTM X Meters:	244018.21
UTM Y Meters:	4035951.40
Elevation:	223.00' above sea level

Maps Provided:

2021
2018
2015
2012
1954
1927
1924

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2021 Source Sheets

Riverdale
2021
7.5-minute, 24000

Burrel
2021
7.5-minute, 24000

2018 Source Sheets

Riverdale
2018
7.5-minute, 24000

Burrel
2018
7.5-minute, 24000

2015 Source Sheets

Riverdale
2015
7.5-minute, 24000

Burrel
2015
7.5-minute, 24000

2012 Source Sheets

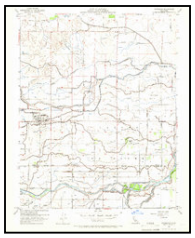
Riverdale
2012
7.5-minute, 24000

Burrel
2012
7.5-minute, 24000

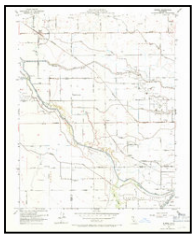
Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1954 Source Sheets



Riverdale
1954
7.5-minute, 24000
Aerial Photo Revised 1950



Burrel
1954
7.5-minute, 24000
Aerial Photo Revised 1950

1927 Source Sheets

Burrel
1927
7.5-minute, 31680

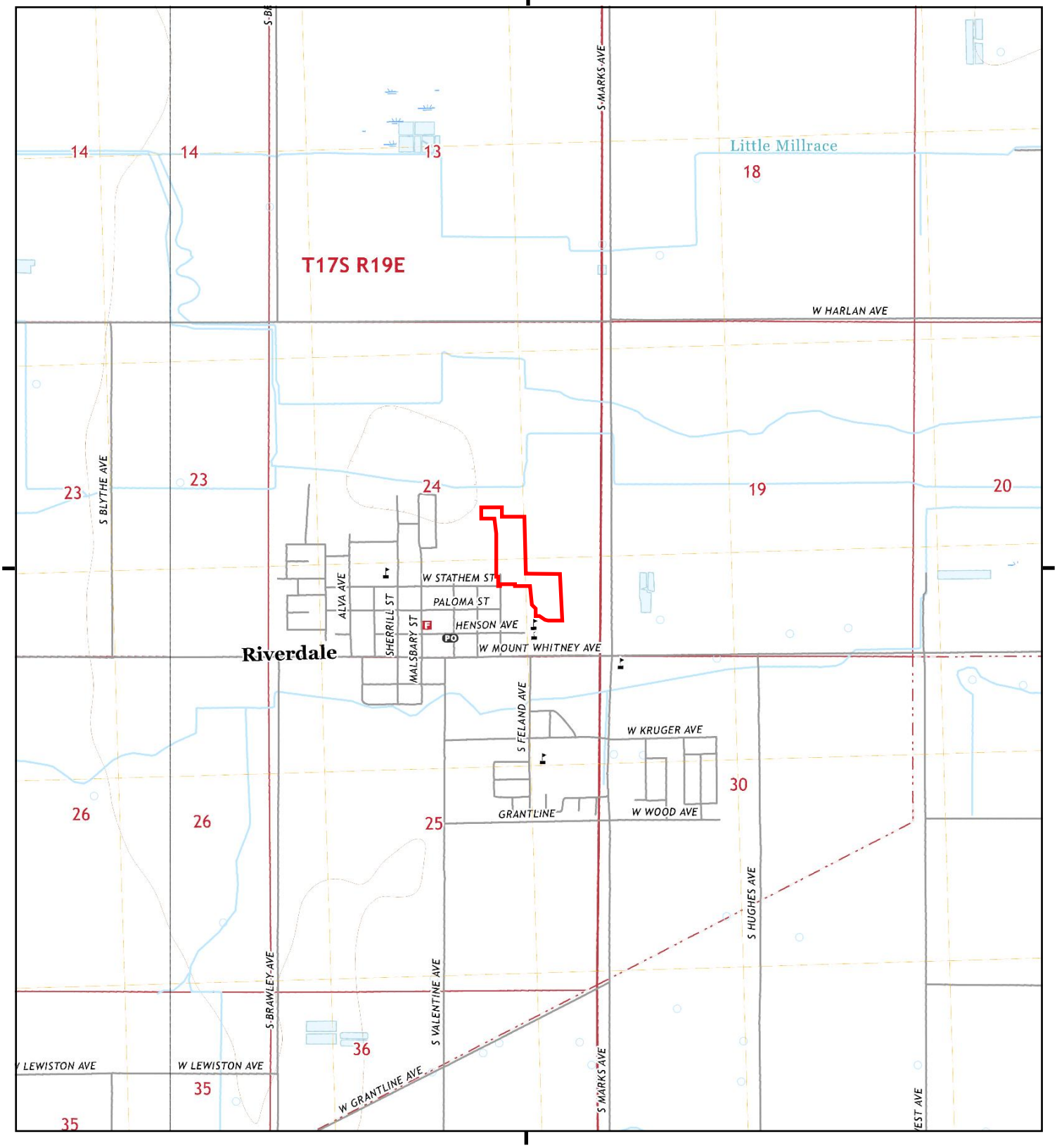
Riverdale
1927
7.5-minute, 31680

1924 Source Sheets

Riverdale
1924
7.5-minute, 31680

Historical Topo Map

2021



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

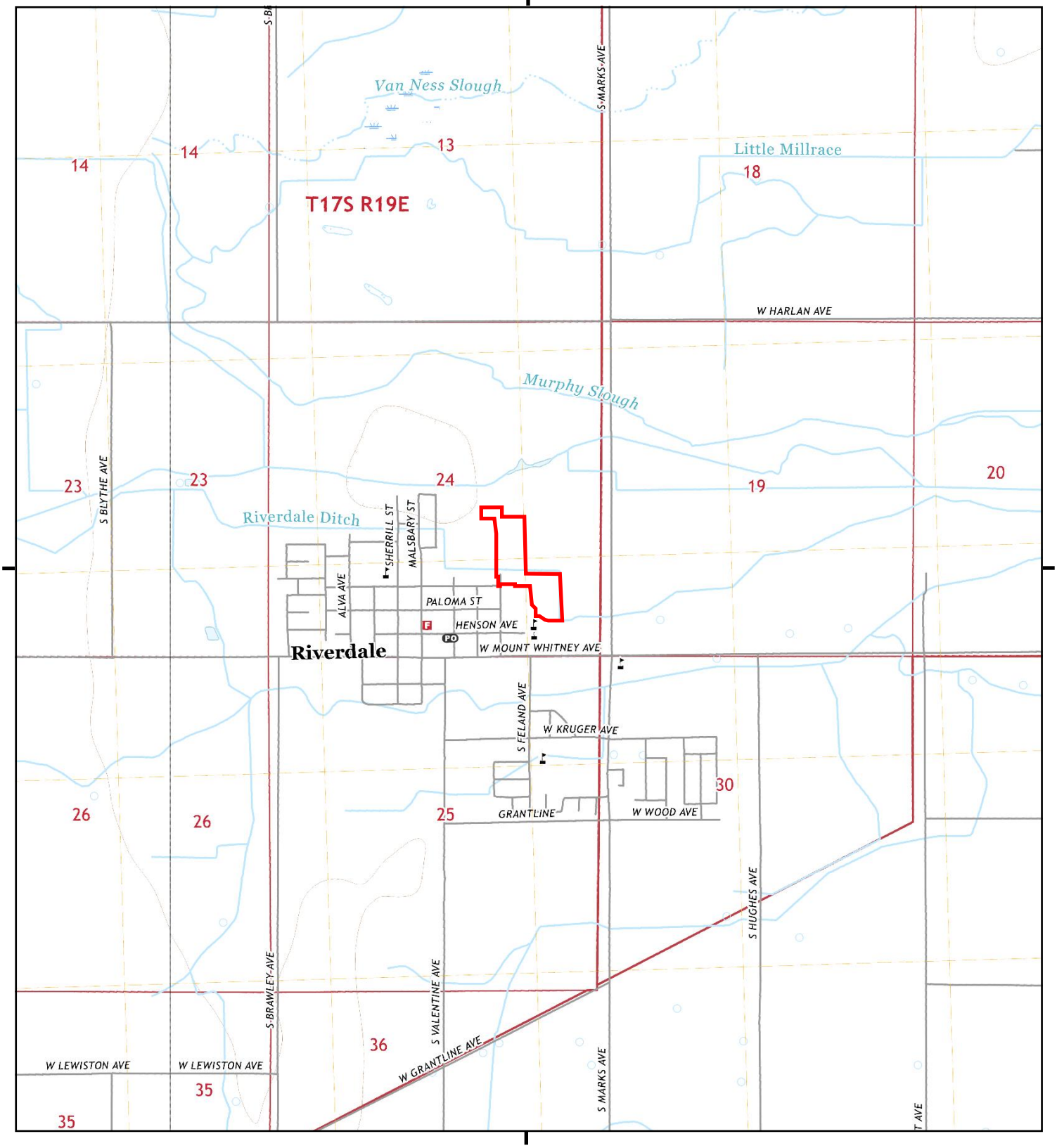
TP, Riverdale, 2021, 7.5-minute
W, Burrel, 2021, 7.5-minute

SITE NAME: Riverdale Phase I
ADDRESS: 3086 W Mount Whitney Ave
Riverdale, CA 93656
CLIENT: BSK & Associates

N

Historical Topo Map

2018



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

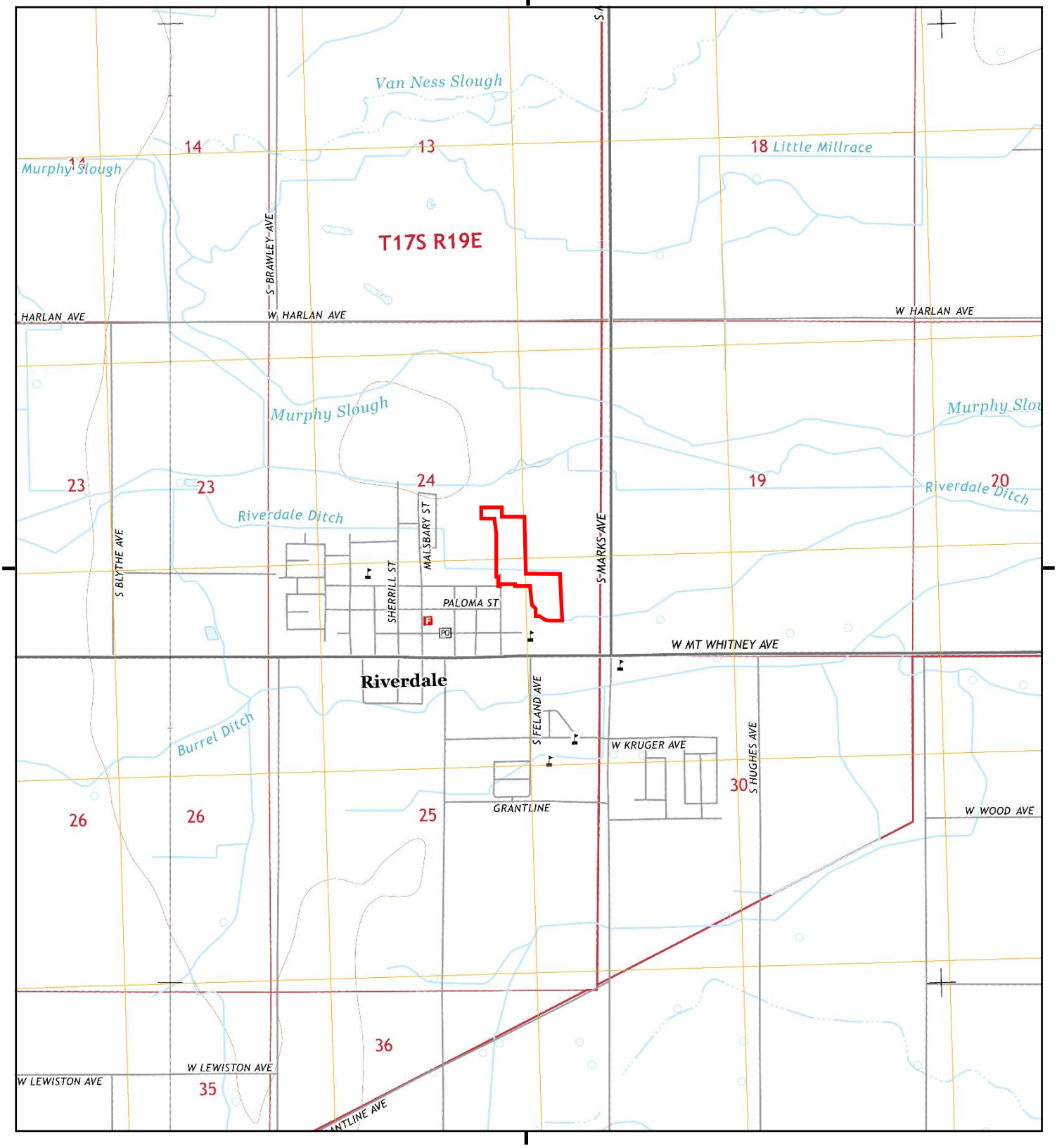
TP, Riverdale, 2018, 7.5-minute
W, Burrel, 2018, 7.5-minute

SITE NAME: Riverdale Phase I
ADDRESS: 3086 W Mount Whitney Ave
Riverdale, CA 93656
CLIENT: BSK & Associates

N

Historical Topo Map

2015



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

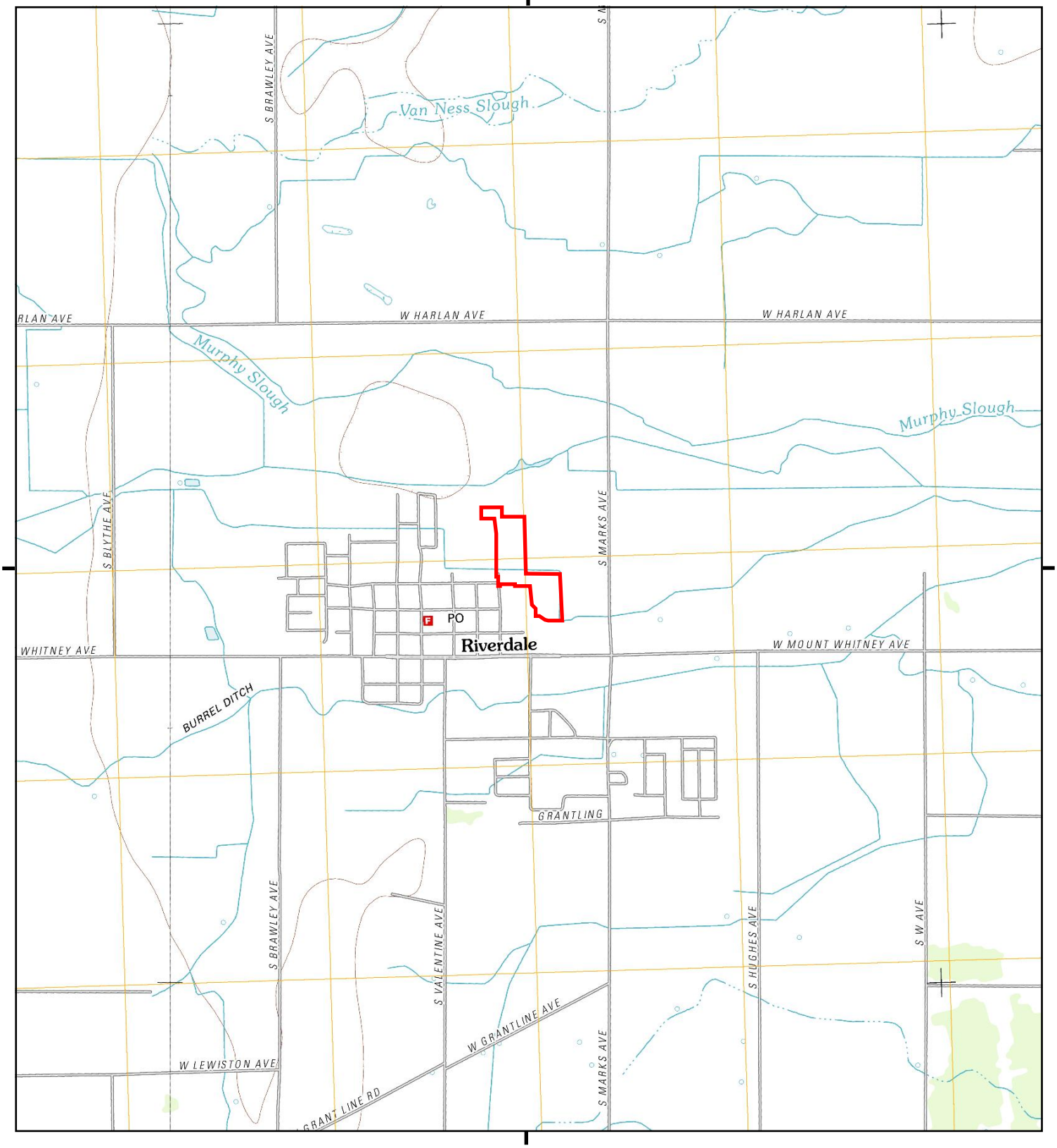
TP, Riverdale, 2015, 7.5-minute
W, Burrel, 2015, 7.5-minute

SITE NAME: Riverdale Phase I
ADDRESS: 3086 W Mount Whitney Ave
Riverdale, CA 93656
CLIENT: BSK & Associates

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

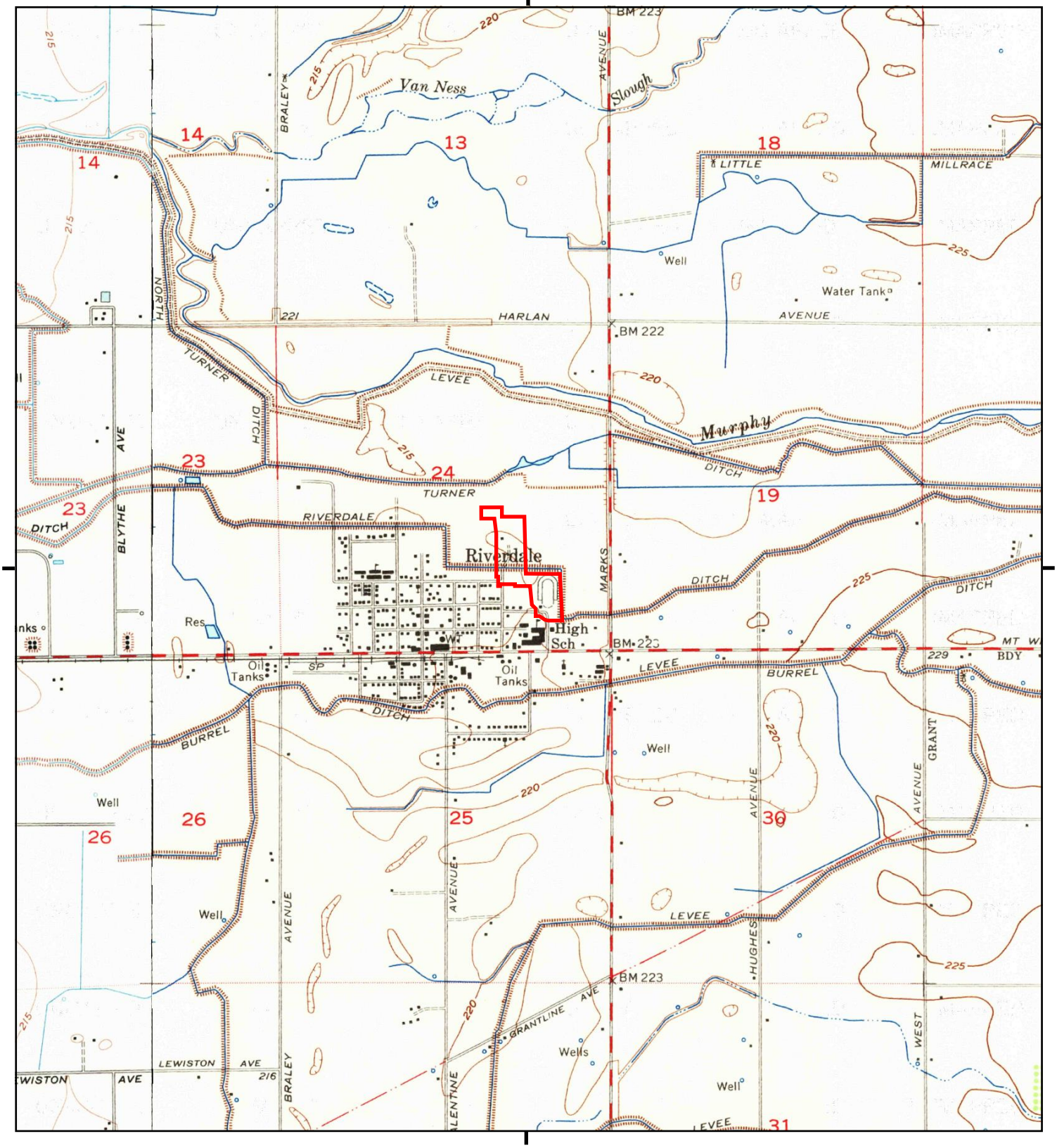
TP, Riverdale, 2012, 7.5-minute
W, Burrel, 2012, 7.5-minute

SITE NAME: Riverdale Phase I
ADDRESS: 3086 W Mount Whitney Ave
Riverdale, CA 93656
CLIENT: BSK & Associates

N

Historical Topo Map

1954



This report includes information from the following map sheet(s).

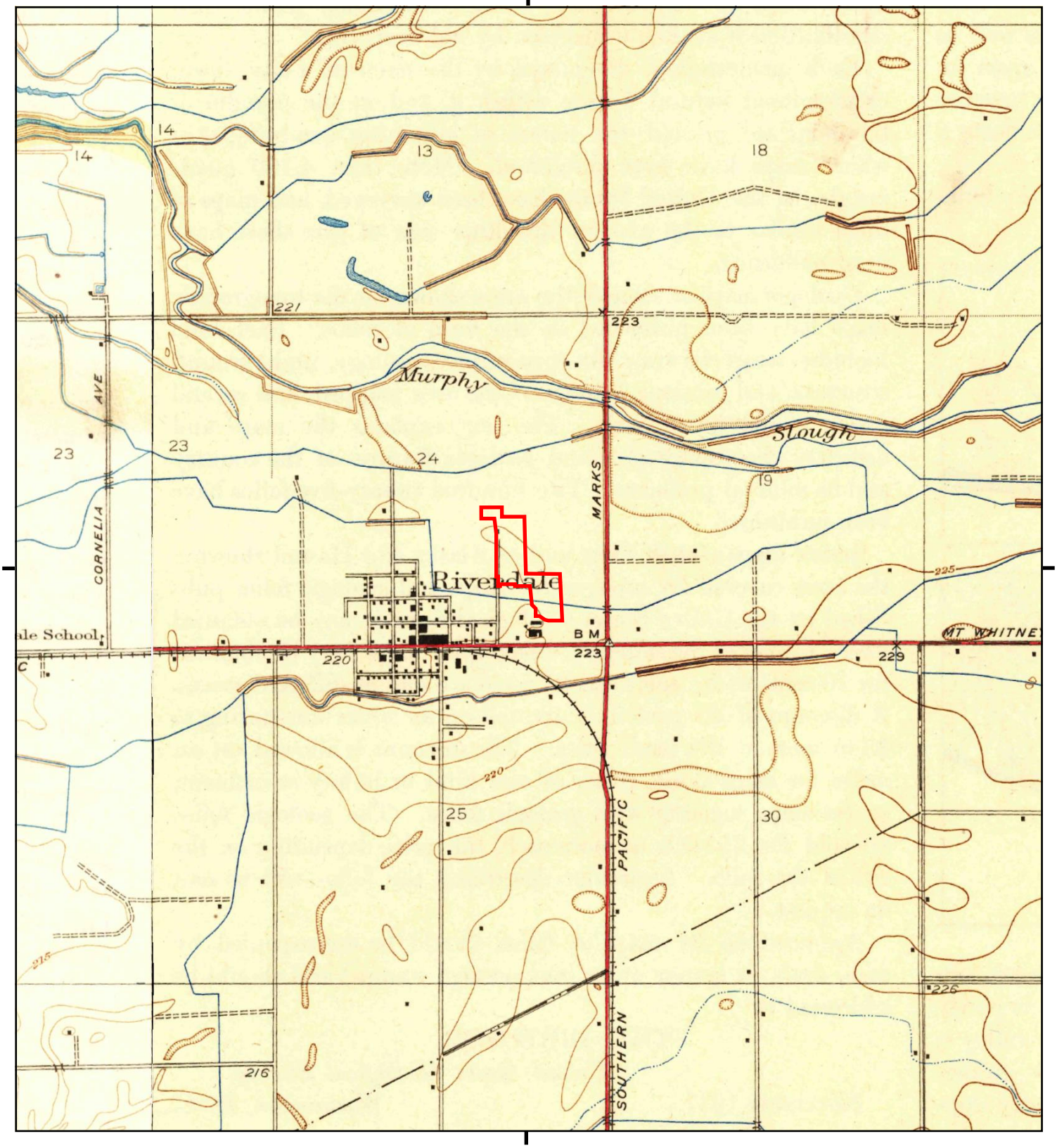
0 Miles 0.25 0.5 1 1.5

NW N NE
W E
SW S SE

TP, Riverdale, 1954, 7.5-minute
W, Burrel, 1954, 7.5-minute

SITE NAME: Riverdale Phase I
ADDRESS: 3086 W Mount Whitney Ave
Riverdale, CA 93656
CLIENT: BSK & Associates

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

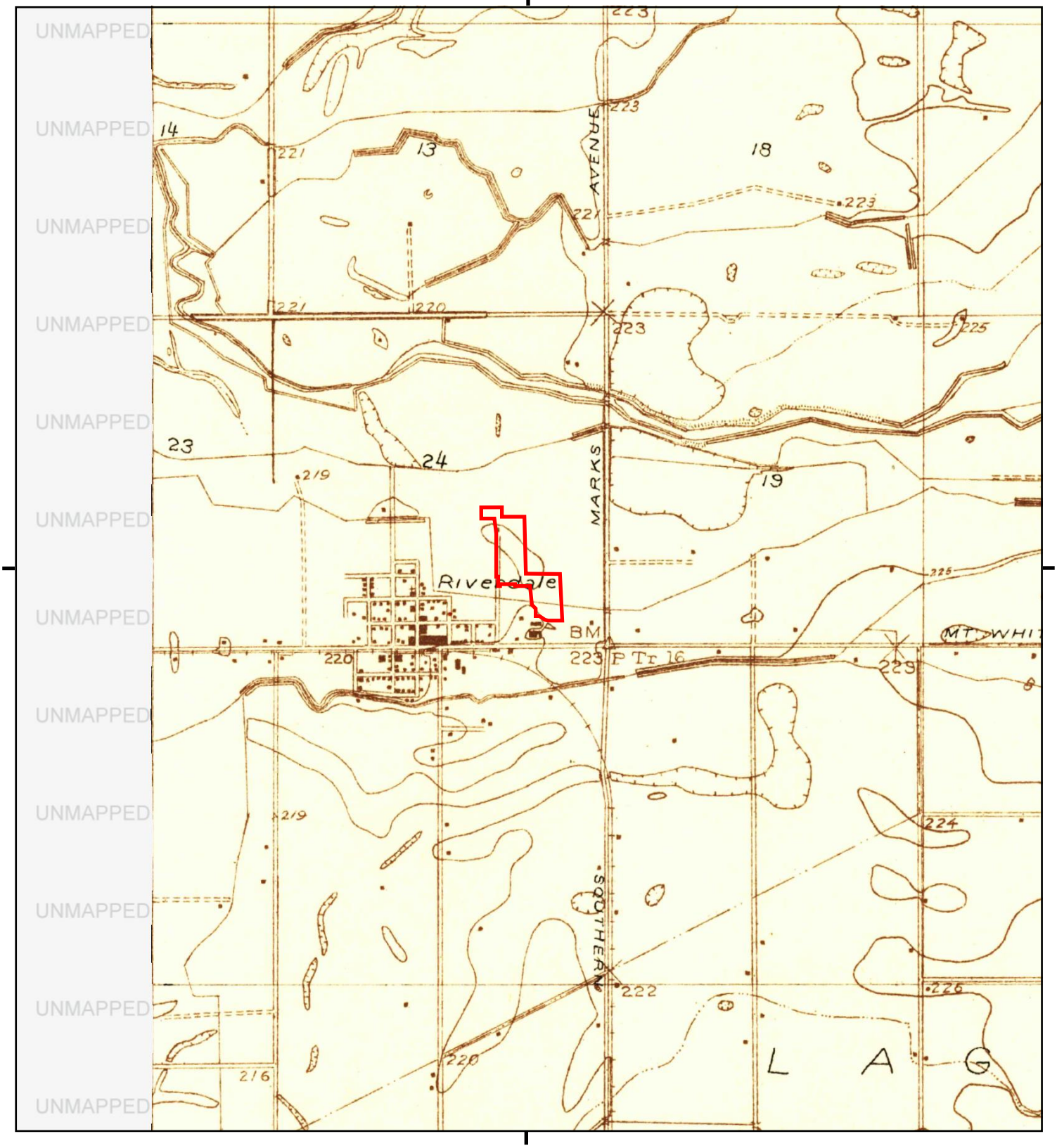
TP, Riverdale, 1927, 7.5-minute
W, Burrel, 1927, 7.5-minute

SITE NAME: Riverdale Phase I
ADDRESS: 3086 W Mount Whitney Ave
Riverdale, CA 93656
CLIENT: BSK & Associates

N

Historical Topo Map

1924



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, Riverdale, 1924, 7.5-minute

SITE NAME: Riverdale Phase I
ADDRESS: 3086 W Mount Whitney Ave
Riverdale, CA 93656
CLIENT: BSK & Associates

N

Riverdale Phase I

3086 W Mount Whitney Ave

Riverdale, CA 93656

Inquiry Number: 7896275.8

February 11, 2025

The EDR Aerial Photo Decade Package

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

02/11/25

Site Name:

Riverdale Phase I
3086 W Mount Whitney Ave
Riverdale, CA 93656
EDR Inquiry # 7896275.8

Client Name:

BSK & Associates
691 N. Laverne Avenue, Suite 101
Fresno, CA 93727
Contact: Kevin Grove

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

Search Results:

Year	*Scale*	*Details*	*Source*
2020	1"=500'	Flight Year: 2020	USDA/NAIP
2016	1"=500'	Flight Year: 2016	USDA/NAIP
2012	1"=500'	Flight Year: 2012	USDA/NAIP
2009	1"=500'	Flight Year: 2009	USDA/NAIP
2006	1"=500'	Flight Year: 2006	USDA/NAIP
1994	1"=500'	Acquisition Date: May 02, 1994	USGS/DOQQ
1984	1"=500'	Flight Date: June 09, 1984	USDA
1976	1"=500'	Flight Date: July 01, 1976	USGS
1973	1"=500'	Flight Date: May 08, 1973	USDA
1967	1"=500'	Flight Date: May 03, 1967	USDA
1960	1"=500'	Flight Date: April 10, 1960	USGS
1957	1"=500'	Flight Date: August 09, 1957	USDA
1950	1"=500'	Flight Date: April 15, 1950	USDA
1946	1"=500'	Flight Date: April 23, 1946	USGS
1942	1"=500'	Flight Date: May 19, 1942	USDA
1937	1"=500'	Flight Date: September 29, 1937	USDA

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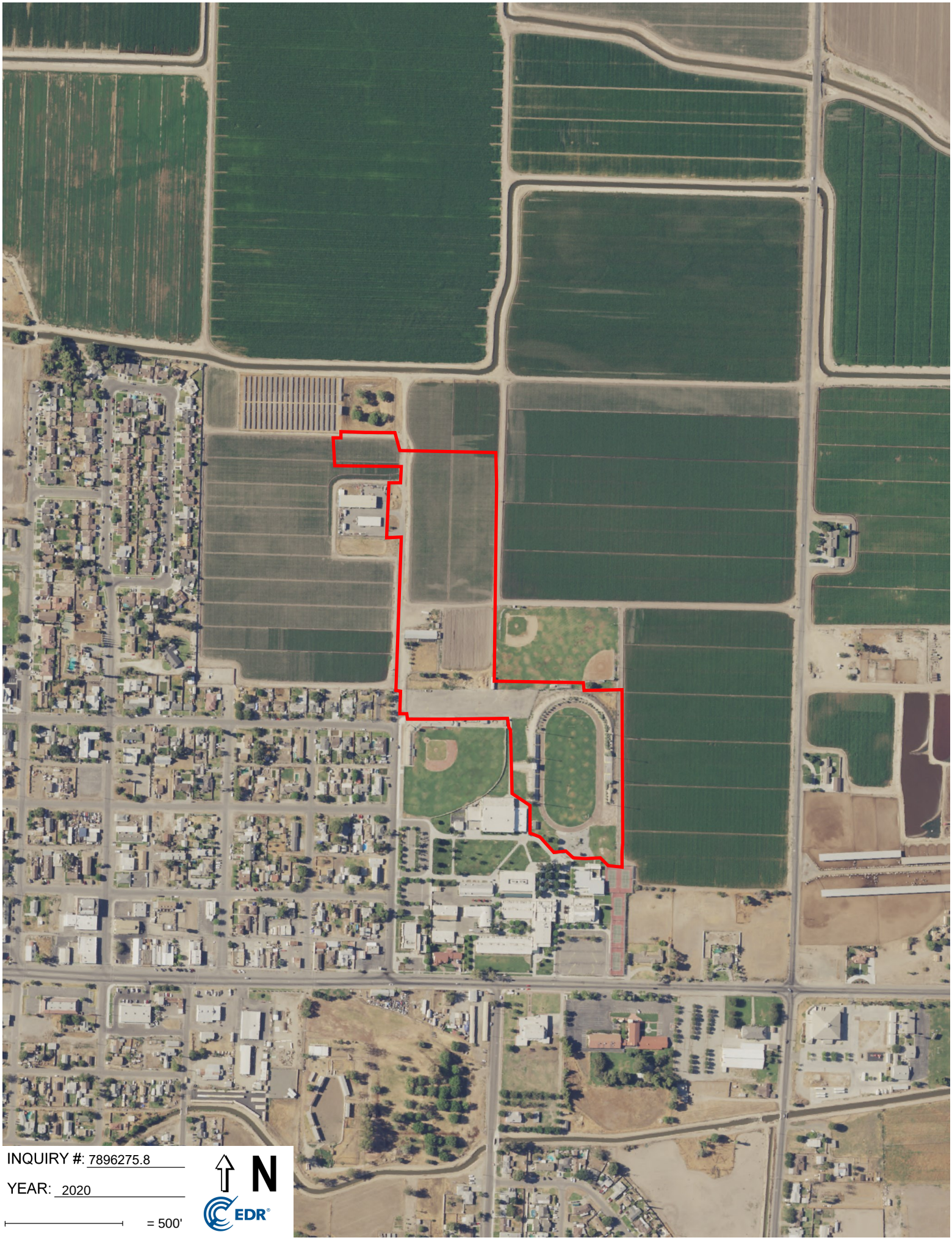
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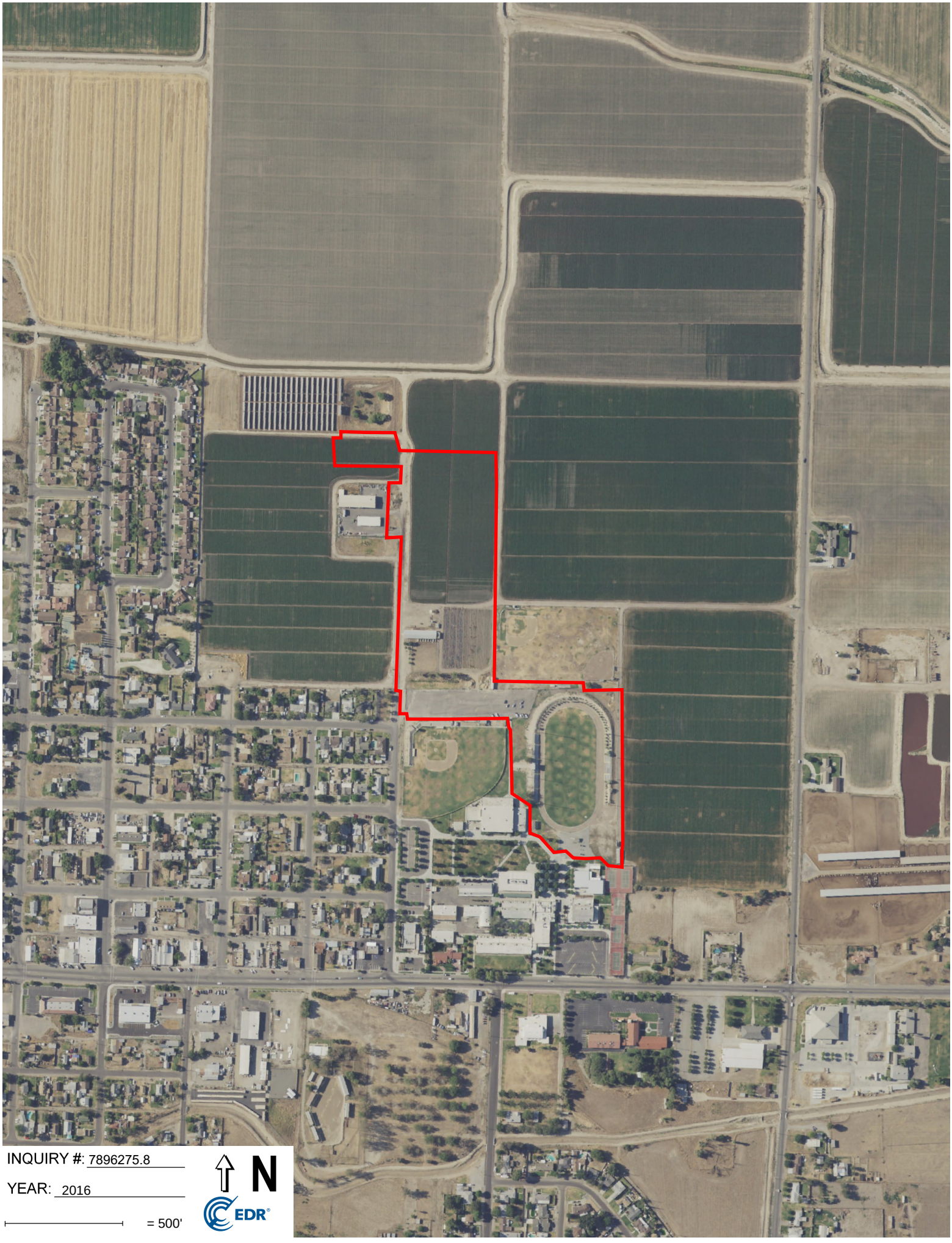
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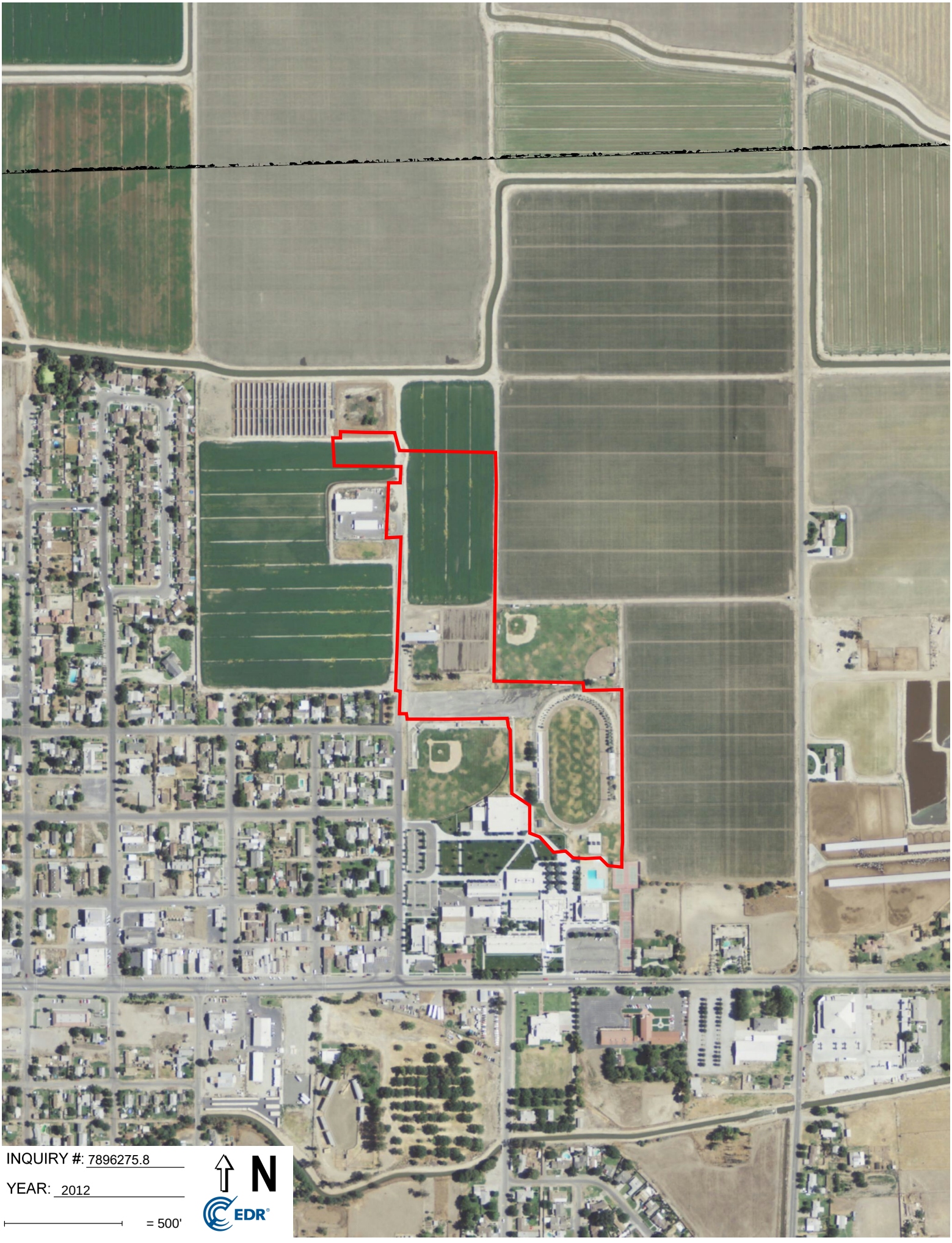
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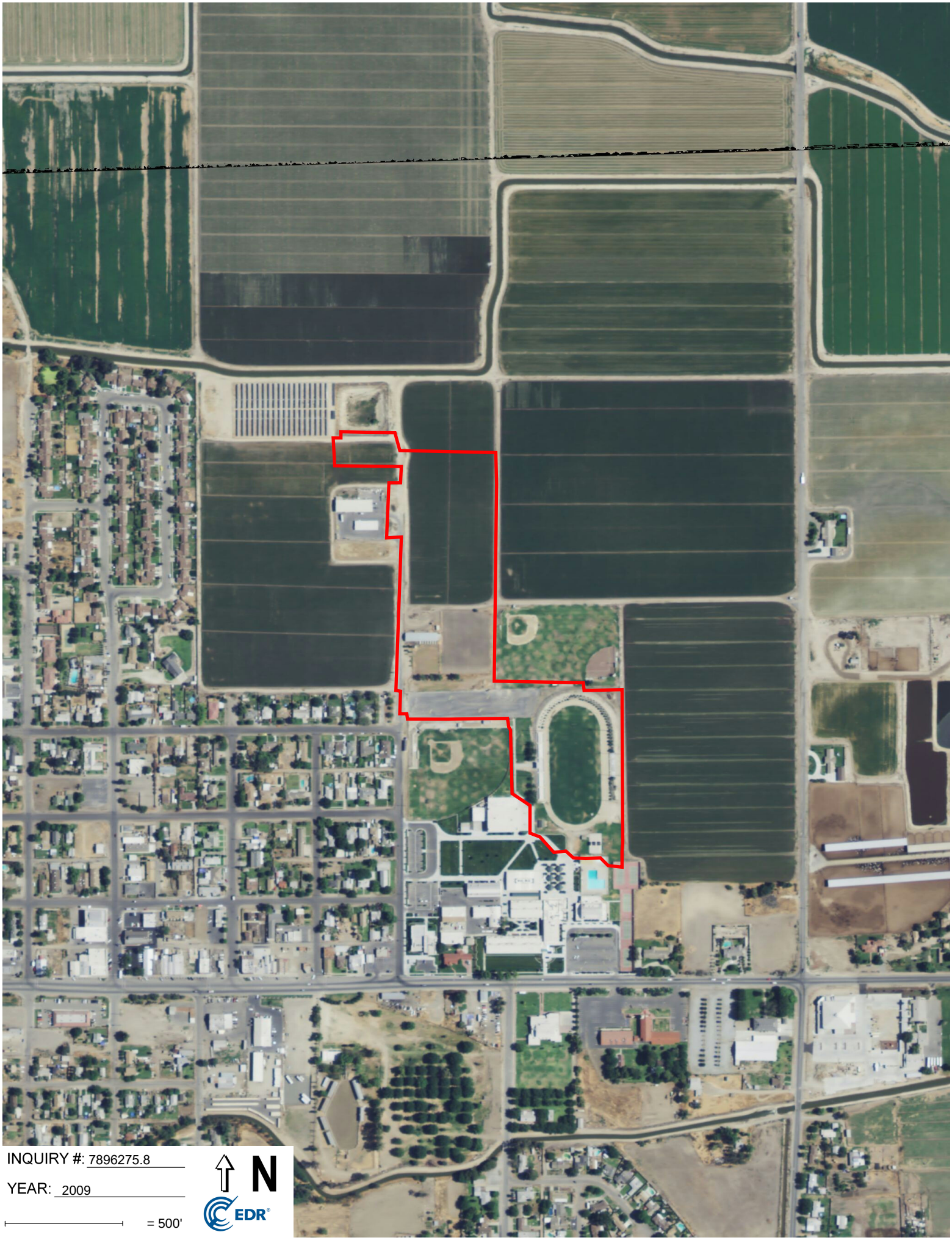
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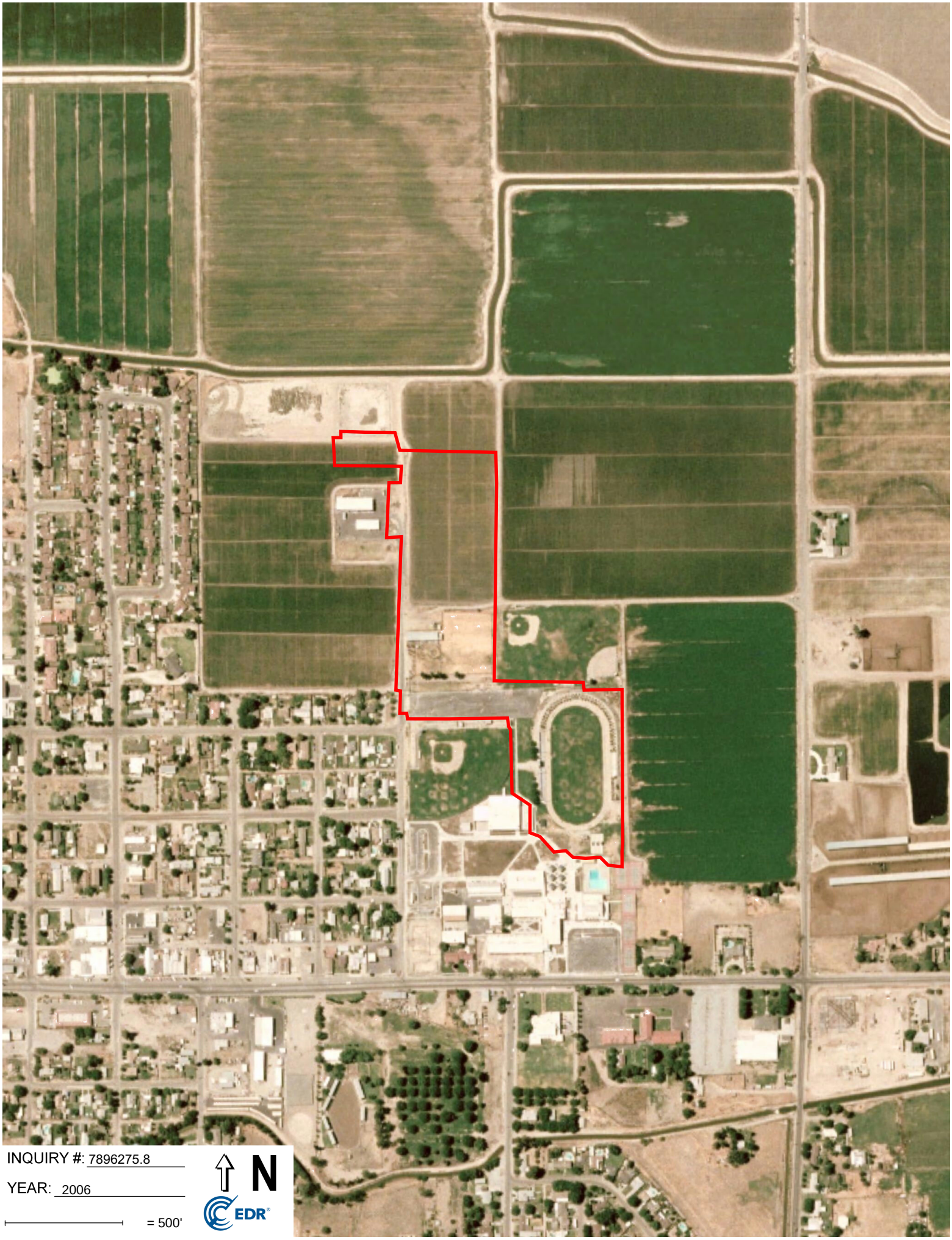
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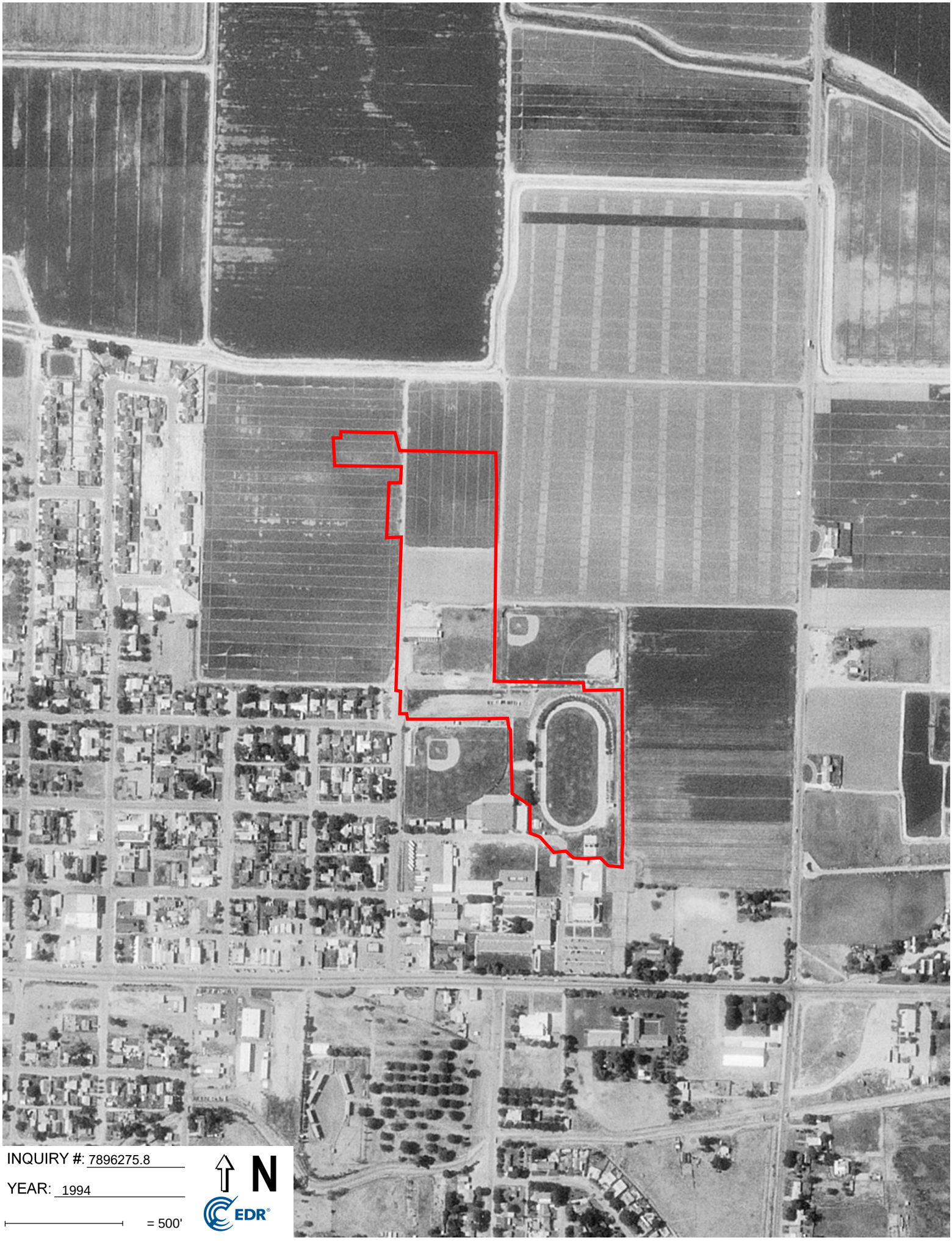
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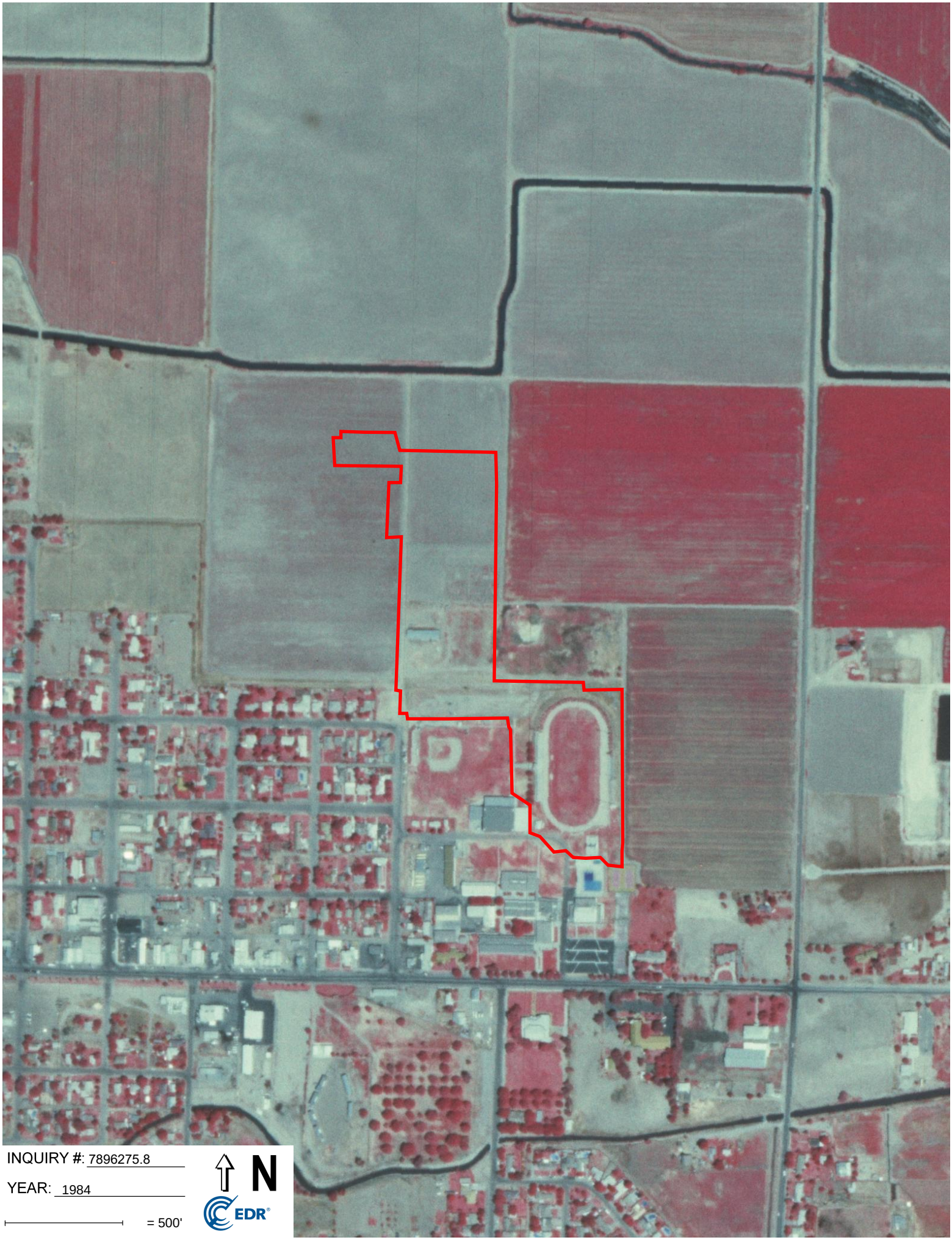
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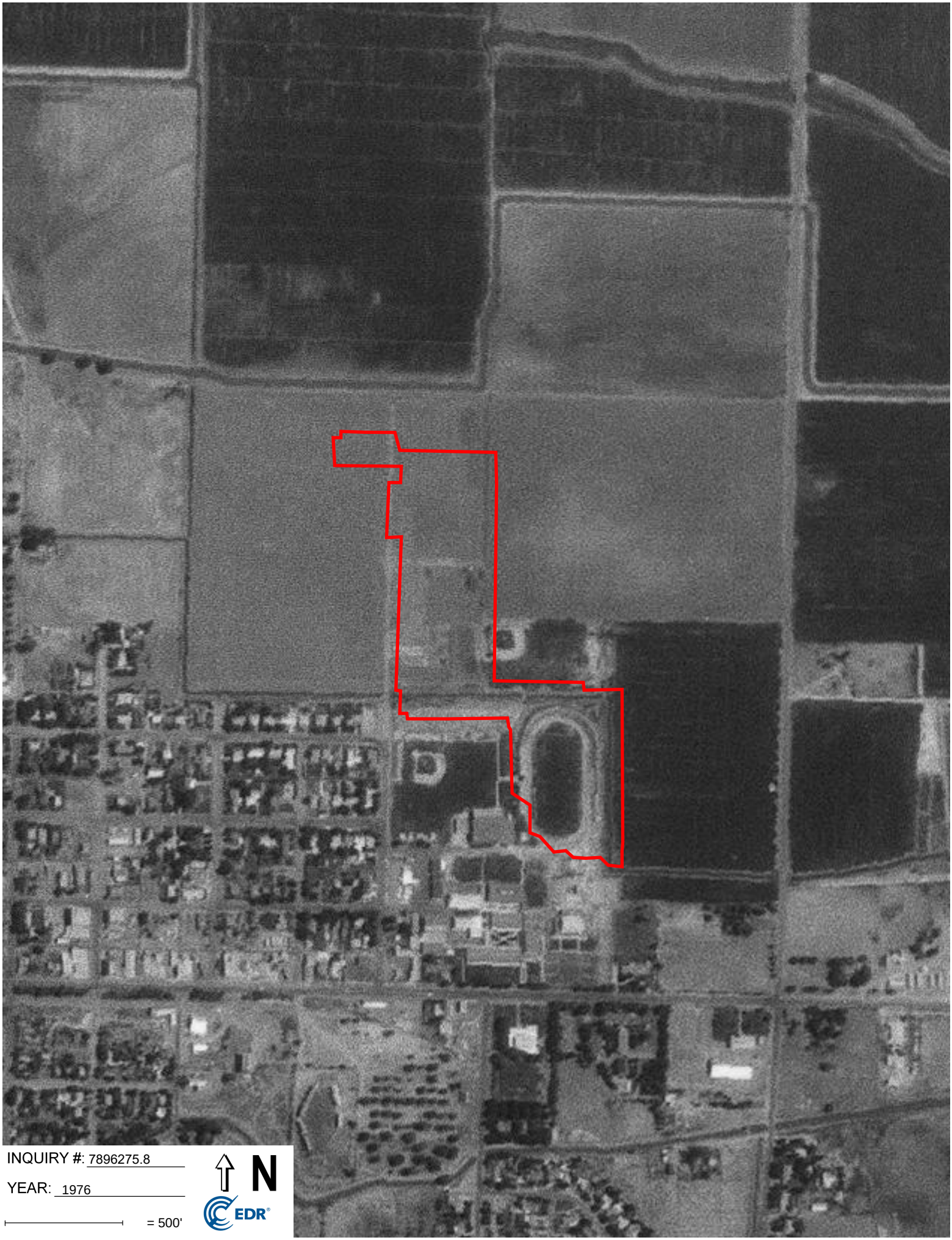
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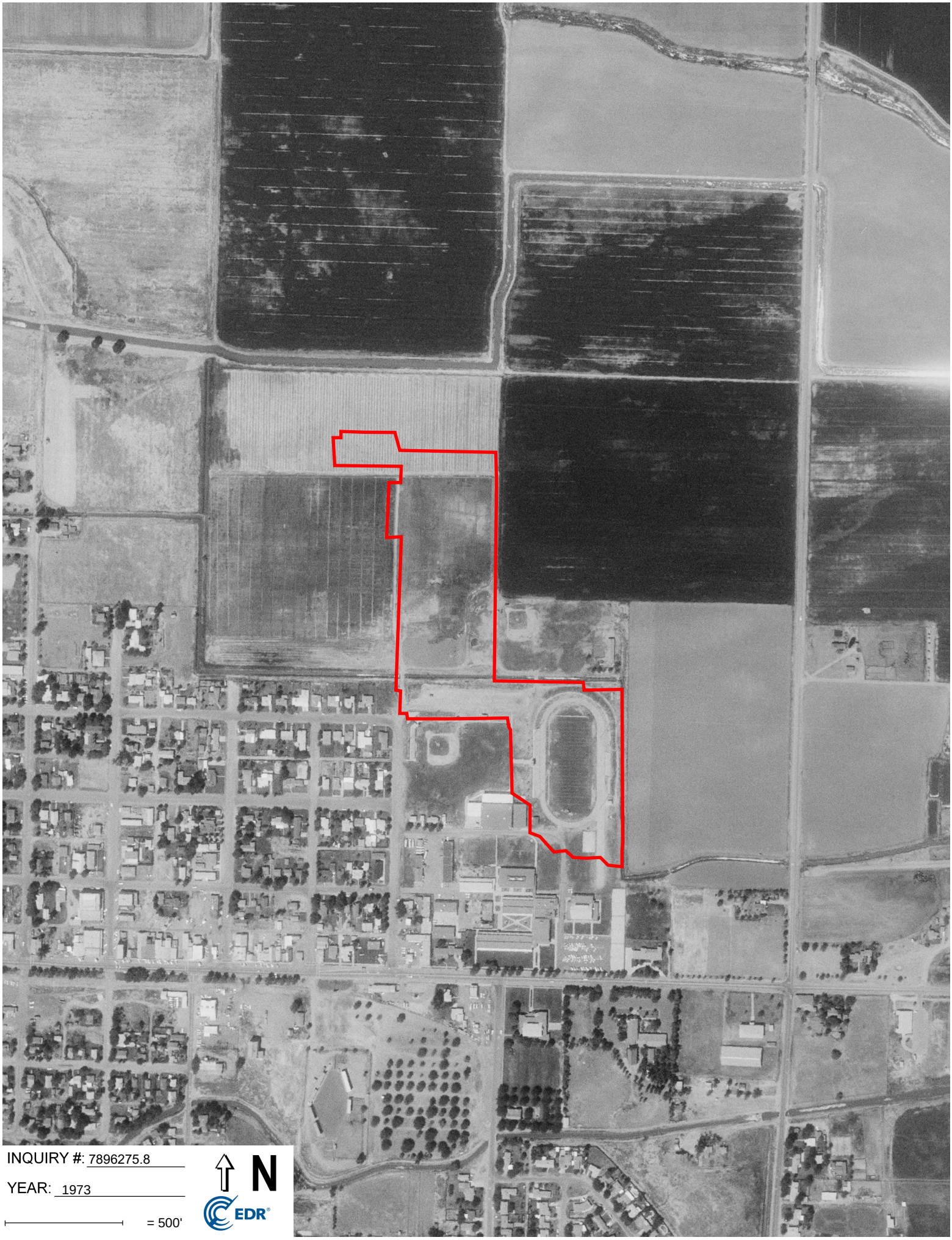

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YEAR: 1973

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EDR

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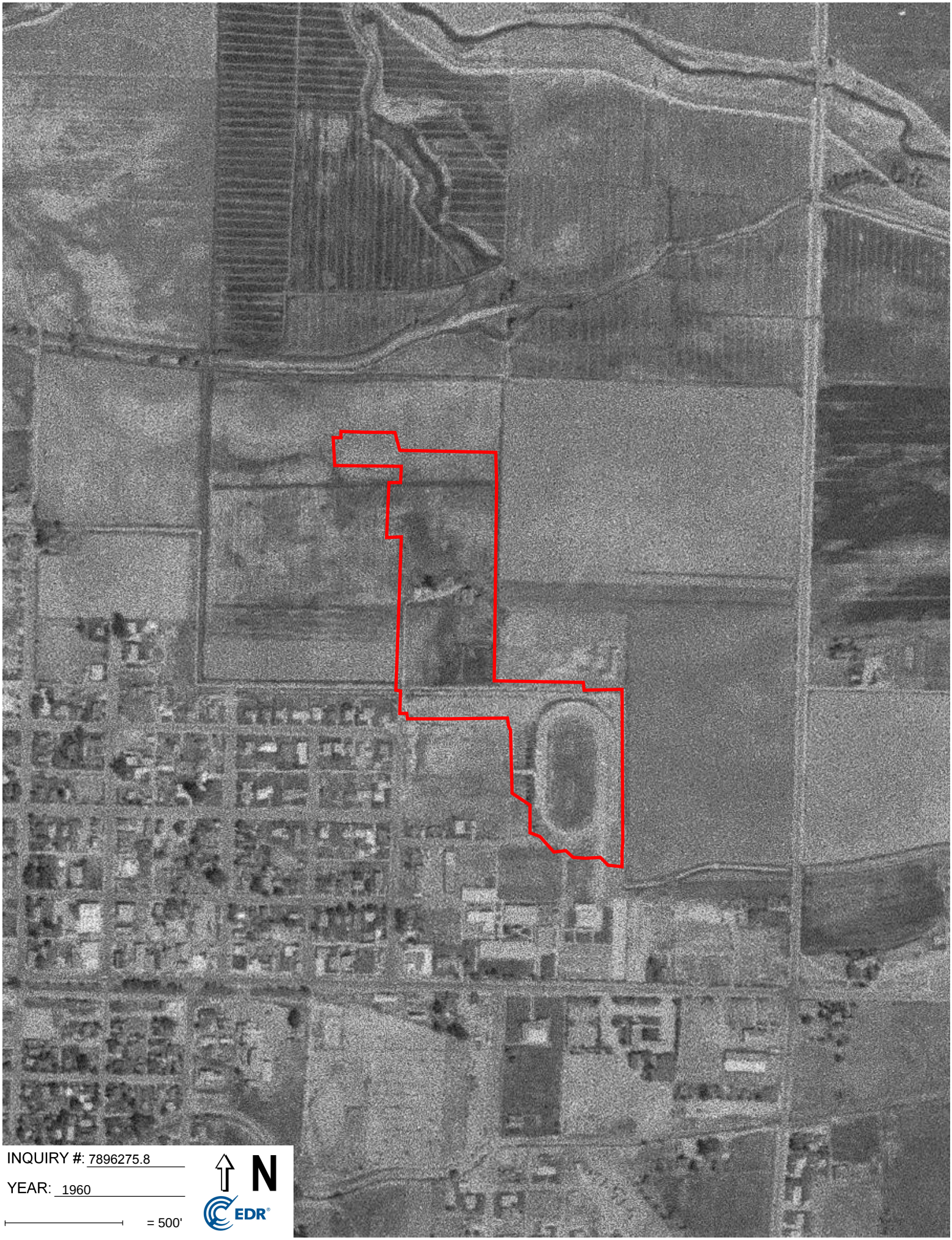
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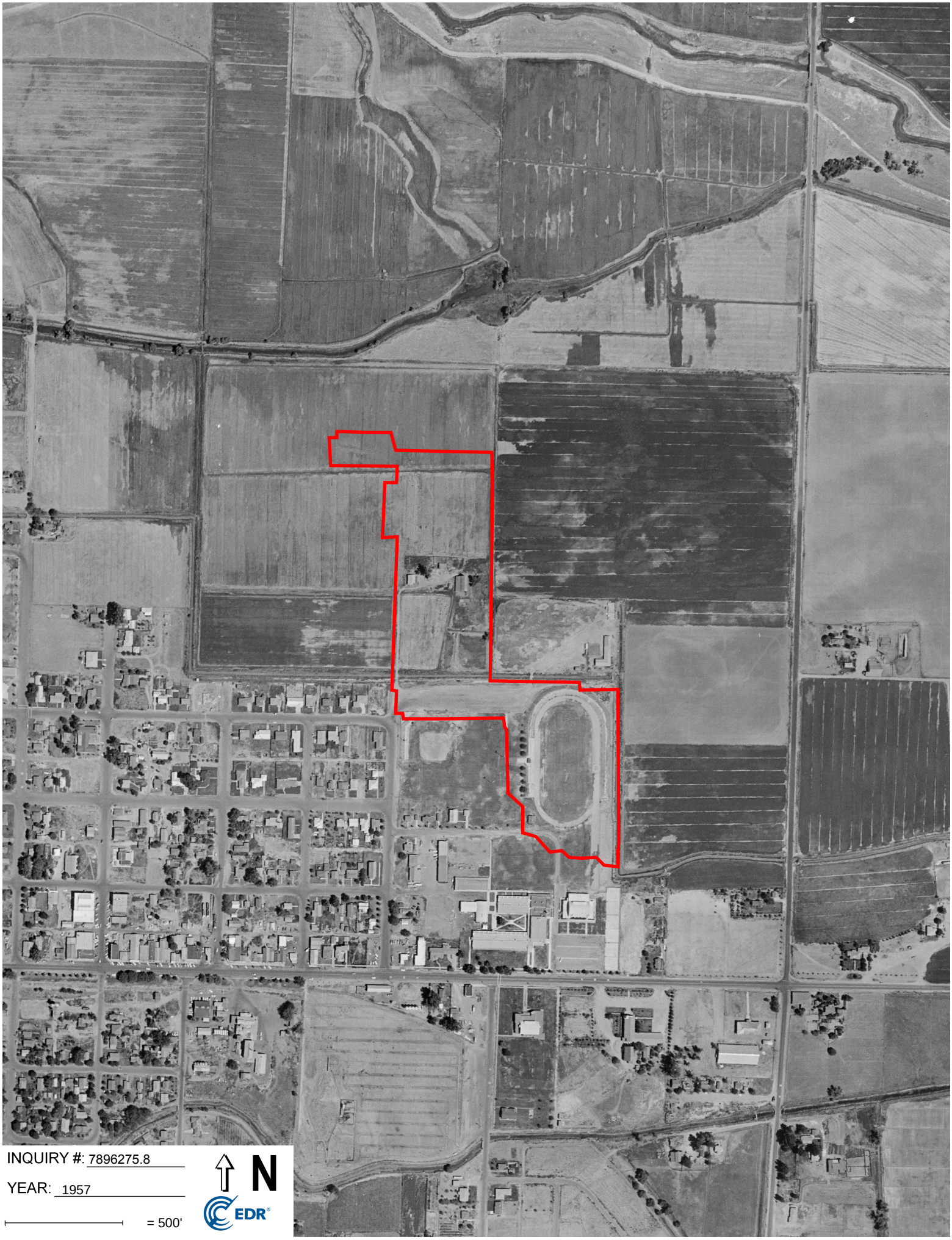

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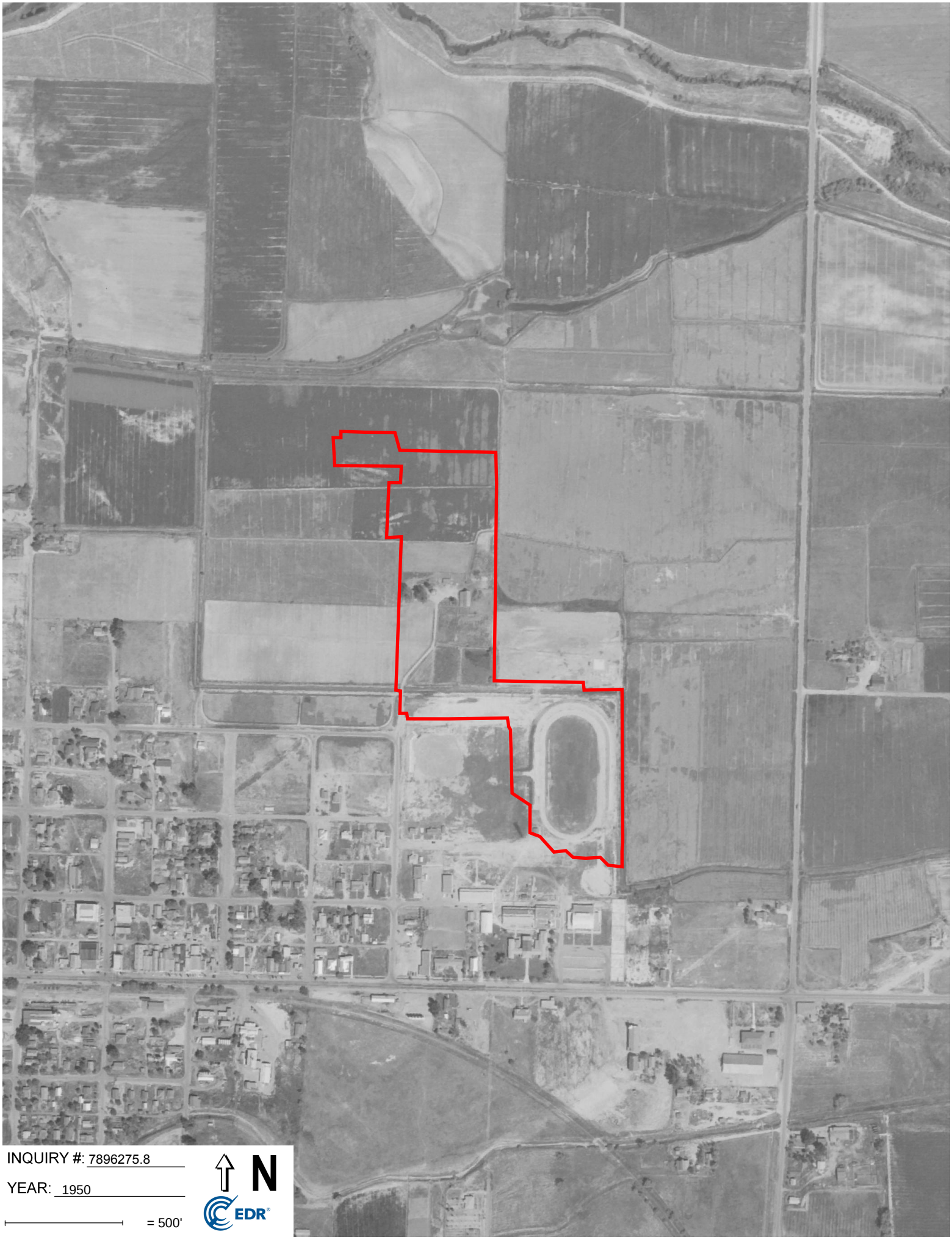
EDR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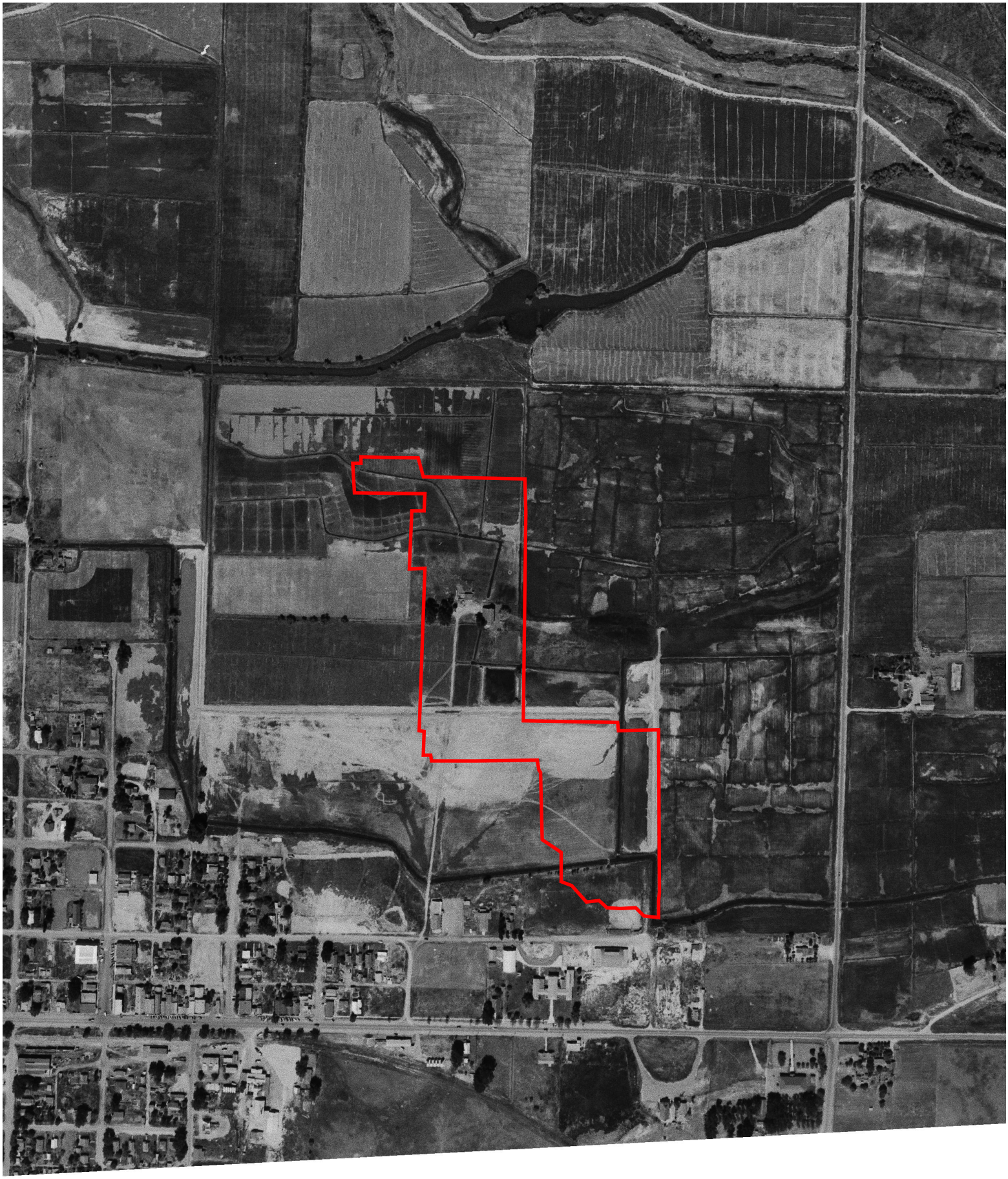

INQUIRY #: 7896275.8

YEAR: 1946

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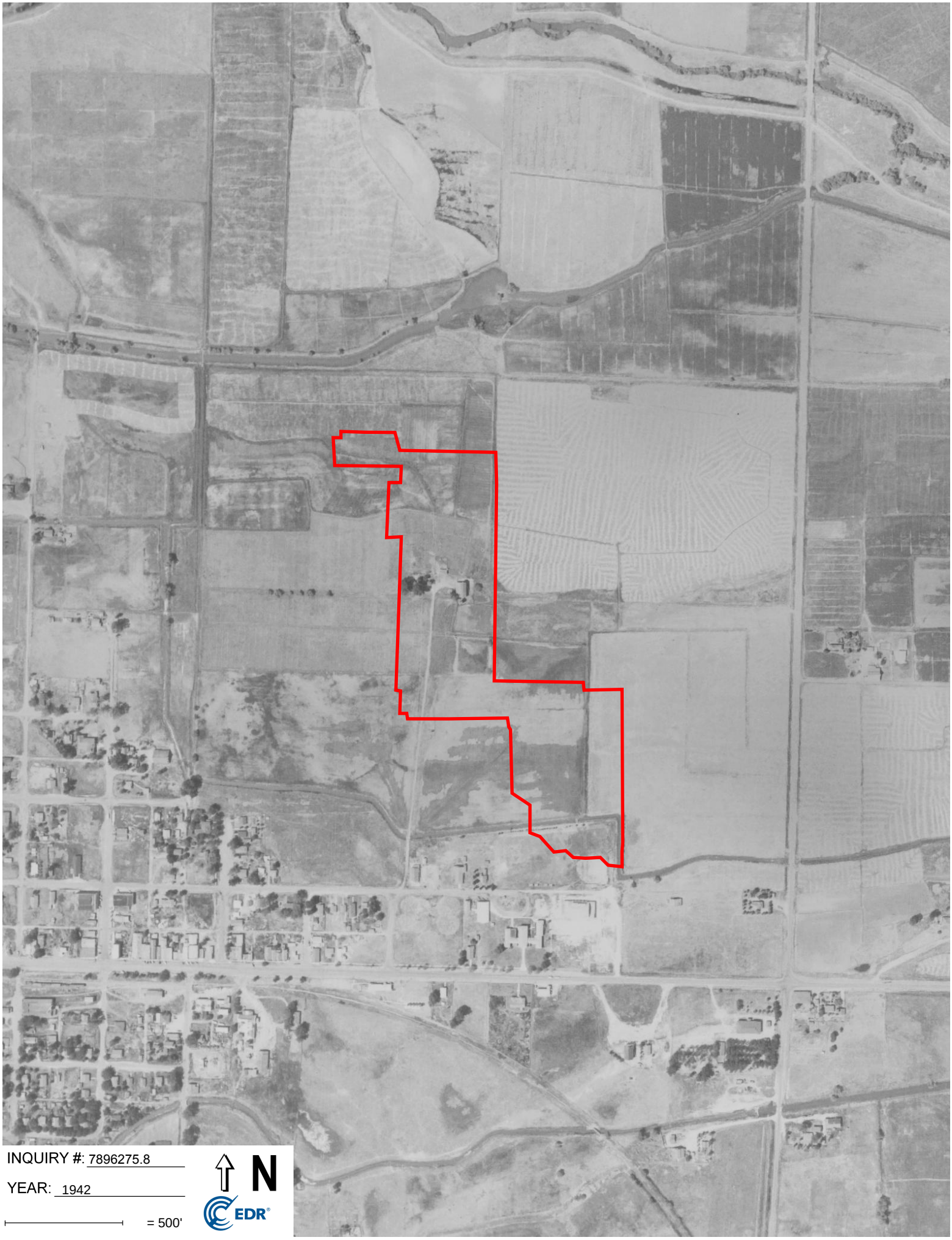

INQUIRY #: 7896275.8

YEAR: 1942

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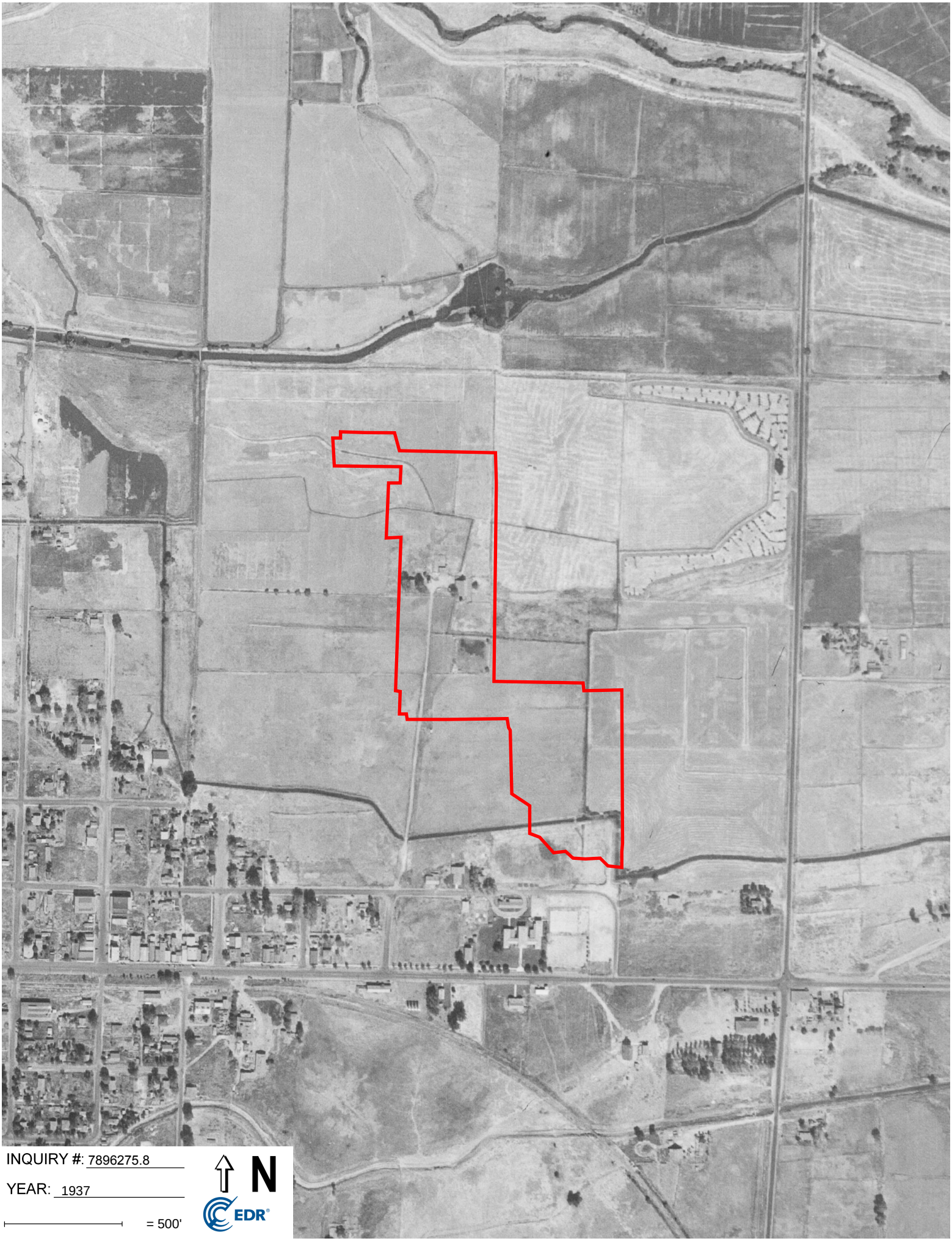
EDR


INQUIRY #: 7896275.8
YEAR: 1937
= 500'
N
EDR

Riverdale Phase I

3086 W Mount Whitney Ave

Riverdale, CA 93656

Inquiry Number: 7896275.3

February 11, 2025

Certified Sanborn® Map Report

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

02/11/25

Site Name:

Riverdale Phase I
3086 W Mount Whitney Ave
Riverdale, CA 93656
EDR Inquiry # 7896275.3

Client Name:

BSK & Associates
691 N. Laverne Avenue, Suite 101
Fresno, CA 93727
Contact: Kevin Grove

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Certification # 7FCA-41A9-9D1F

PO # P25000088

Project P25000088

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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 #: 7FCA-41A9-9D1F

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- ☑ Library of Congress
- ☑ University Publications of America
- ☑ EDR Private Collection

The Sanborn Library LLC Since 1866™

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Riverdale Phase I
3086 W Mount Whitney Ave
Riverdale, CA 93656

Inquiry Number: 7896275.5
February 14, 2025

The EDR-City Directory Image Report

Environmental Data Resources Inc
6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

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City Directory Images

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with any questions or comments.

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Report is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Report includes a search of available business directory data at approximately five year intervals.

RECORD SOURCES

The EDR City Directory Report accesses a variety of business directory sources, including Haines, InfoUSA, Polk, Cole, Bresser, and Stewart. Listings marked as EDR Digital Archive access Cole and InfoUSA records. The various directory sources enhance and complement each other to provide a more thorough and accurate report.

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RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. A check mark indicates where information was identified in the source and provided in this report.

Year	*Target Street*	*Cross Street*	*Source*
2020	☑	☐	EDR Digital Archive
2017	☑	☐	Cole Information
2014	☑	☐	Cole Information
2010	☑	☐	Cole Information
2005	☑	☐	Cole Information
2000	☑	☐	Cole Information
1995	☑	☐	Cole Information
1992	☑	☐	Cole Information
1990	☑	☐	Haines Criss-Cross Directory
1985	☑	☐	Haines Criss-Cross Directory
1980	☑	☐	Haines Criss-Cross Directory
1975	☑	☐	Haines Criss-Cross Directory
1973	☑	☐	Haines Criss-Cross Directory

FINDINGS

TARGET PROPERTY STREET

3086 W Mount Whitney Ave
Riverdale, CA 93656

Year	*CD Image*	*Source*
W MOUNT WHITNEY AVE		
2020	pg A2	EDR Digital Archive
2017	pg A4	Cole Information
2014	pg A5	Cole Information
2010	pg A7	Cole Information
2005	pg A8	Cole Information
2000	pg A9	Cole Information
1995	pg A10	Cole Information
1992	pg A11	Cole Information
1990	pg A12	Haines Criss-Cross Directory
1990	pg A13	Haines Criss-Cross Directory
1985	pg A14	Haines Criss-Cross Directory
1985	pg A15	Haines Criss-Cross Directory
1980	pg A16	Haines Criss-Cross Directory
1975	pg A17	Haines Criss-Cross Directory
1973	pg A18	Haines Criss-Cross Directory
1973	pg A19	Haines Criss-Cross Directory

FINDINGS

CROSS STREETS

No Cross Streets Identified

City Directory Images

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W MOUNT WHITNEY AVE 2020

1755	LINDA SMITH
	MICHAEL SMITH
	MONICA SMITH
2250	ANGIE FONTES
	LARRY FONTES
2583	CHERYL DAVIS
2753	CHARLES SPENCER
	DOUGLAS SPENCER
	LYNDSAY SPENCER
2796	SERGIO NUNO
2813	ASSEMBLY OF GOD
	RIVERDALE CHRISTIAN ACADEMY
3016	DAISY CABRERA
	GUILLERMO CABRERA
	TERESA CABRERA
3047	ST ANN CHURCH
3085	RIVERDALE MEMORIAL DISTRICT
3086	RIVERDALE HIGH SCHOOL
3131	CARS 4 LESS
3160	RIVERDALE JOINT UNIFIED SD
3210	FAST IN FOOD & GAS
3348	EL MERCADITO RSTRNT MI TIERRA
3356	CANDY TOWN
3371	RIVERDALE FARM & HOME CTR
	RIVERDALE MINI STORAGE
3376	HAIR HAVEN
3396	TAQUERIA Y PIZZERIA LA IMPRL
3415	CAR AUTO CTR
	GOODFELLAS AUTO AG-INDL SUPL
	MELODY'S AUTO CTR
3428	ATM
	RIVERDALE LIQUOR STORE
	SUBWAY
3448	LA ALTENITA
3462	RIVERDALE DRUG STORE
3478	RIVERDALE TRUE VALUE
	SILVA & SON INC
3494	ATM
	BANK OF THE WEST
3497	AMERIGAS PROPANE EXCHANGE
	DOLLAR GENERAL
	REDBOX
	WESTERN UNION AGENT LOCATION
3554	ARIA COMMUNITY HEALTH CTR
	ARREDONDO ARETE M FNP
	AVENAL COMMUNITY HEALTH CTR
3567	ADVENTIST HEALTH MED OFC-RVRDL
	ADVENTIST HEALTH REEDLEY-RVRDL
	AHCC RIVERDALE
	KAUR GURINDER C FNP

Target Street	Cross Street	Source
✓	-	EDR Digital Archive

W MOUNT WHITNEY AVE 2020 (Cont'd)

3567	WORKU YONAS
3610	ATM
	RIVERDALE STAR MART INC
	SHELL BUFORD
3660	RIVERDALE AUTO PARTS & MACHINE
3832	BROWN'S DIESEL
3876	ANGELA GONZALEZ
	FERNANDO GONZALEZ
	FRANCISCA GONZALEZ
	JAIME GONZALEZ
	TINA WILLARD
3882	JACK DUTY
3890	GRACE ZACHARY
3896	ROBERTO GONZALEZ
3930	ALYSSA SERRANO
	CHUCK SERRANO
3950	PHRONIE BARRITT
4026	BELVA BRATTON
	WILLIAM BRATTON
4111	JON CASEY CONSTRUCTION INC

Target Street	Cross Street	Source
✓	-	Cole Information

W MOUNT WHITNEY AVE 2017

1755	SMITH, MARK A
1817	PEREZ, JUAN J
1859	CASTILLO, ALEJANDRO
2465	AMEZOLA, ISRAEL
2474	RODRIGUEZ, FRANCISCO
2796	NUNO, SERGIO O
2813	ASSEMBLY OF GOD CHURCH
2836	ROTTER, STEPHANIE
3016	CABRERA, GUILLERMO C
3047	ST ANN CHURCH
3085	RIVERDALE MEMORIAL DIST
3086	HORIZON HIGH SCHOOL
	RIVERDALE JOINT UNIFIED SCHOOL DISTR
3131	CARS 4 LESS
3160	RIVERDALE JOINT UNIFIED SCHOOL DISTR
3210	FAST IN FOOD & GAS
	GET N GO MINI MART
3296	WAYNES AUTO PARTS
3348	EL MERCADITO MI TIERRA
3356	JON CASEY CONSTRUCTION INC
3371	RIVERDALE FARM & HOME CENTER INC
	RIVERDALE MINI STORAGE
3390	GOOD MORNING DONUTS
3396	OMONIS PIZZA
3415	MELODYS AUTO CENTER
3428	RIVERDALE LIQUOR STORE
3448	LA ALTENITA
3462	RIVERDALE DRUG STORE
3478	TRUE VALUE
3497	DOLLAR GENERAL STORE
3532	MODERN SALON
3554	ARIA COMMUNITY HEALTH CENTER
3567	ADVENTIST HEALTH COMMUNITY CARE
	MATERNAL & CHILD CARE CENTER
3610	SHELL
3714	TAFOLLAS AUTO REPAIR
3832	BROWNS DIESEL
3862	BERBER, MARIA
3876	GONZALEZ, JAIME V
3882	AUSTIN, GEORGE H
3890	CHRISTENSON, AARON E
3896	GONZALEZ, ROBERTO
3930	SERRANO, CHUCK E
3950	BARRITT, JAMES W
4111	DORNS GAS
	DORNS GAS INC

Target Street	Cross Street	Source
✓	-	Cole Information

W MOUNT WHITNEY AVE 2014

1755	TARTAGLIA, BROOKE
1817	PEREZ, JUAN J
1829	OCCUPANT UNKNOWN,
1857	OCCUPANT UNKNOWN,
1859	CASTILLO, ALEJANDRO
2250	FONTES, LARRY S
2346	OCCUPANT UNKNOWN,
2465	DAVIS, FREDERICK
2474	RODRIGUEZ, FRANCISCO
2583	OCCUPANT UNKNOWN,
2753	OCCUPANT UNKNOWN,
2796	NUNO, SERGIO O
2802	OCCUPANT UNKNOWN,
2804	OCCUPANT UNKNOWN,
2806	OCCUPANT UNKNOWN,
2808	OCCUPANT UNKNOWN,
2810	OCCUPANT UNKNOWN,
2812	OCCUPANT UNKNOWN,
2813	ASSEMBLY OF GOD CHURCH
	DAVIS, D
	RIVERDALE CHRISTIAN ACADEMY
2836	KAMPER, TRAVIS G
3016	CABRERA, GUILLERMO C
3044	OCCUPANT UNKNOWN,
3047	SAINTANN CHURCH
3085	RIVERDALE MEMORIAL DIST
3086	HORIZON HIGH SCHOOL
	RIVERDALE JOINT UNIFIED SCHOOL DISTR
3131	CARS 4 LESS
	SANCHEZ, LAZARO
3150	COELHO, JERRY W
3160	RIVERDALE JOINT UNIFIED SCHOOL DISTR
3210	FAST IN FOOD & GAS
	GET N GO MINI MART
3276	DUTRA, ALICE A
3296	WAYNES AUTO PARTS
3348	LOPEZ, CONNIE
3356	JON CASEY CONSTRUCTION INC
3371	RIVERDALE FARM & HOME CENTER INC
	RIVERDALE MINI STORAGE
3376	HAIR HAVEN
	HAIR, HAVEN
3382	CASEYS BARBER SHOP
3390	GOOD MORNING DONUTS
3396	OMONIS PIZZA
3415	MELODYS AUTO CENTER
	OCCUPANT UNKNOWN,
3428	RIVERDALE LIQUOR STORE
	SUBWAY SANDWICHES
3448	LA ALTENITA STORE

Target Street	Cross Street	Source
✓	-	Cole Information

W MOUNT WHITNEY AVE 2014 (Cont'd)

3452	PLASCENCIA, MELISSA
3458	BONANDER DAROL OD BONANDER, DAROL
3462	RIVERDALE DRUG STORE
3478	RIVERDALE TRUE VALUE HARDWARE & APPL TRUE VALUE
3494	BANK OF THE WEST
3532	MODERN SALON
3567	MATERNAL & CHILD CARE CENTERRIVER
3596	EASY FEED
3610	BUFORD SHELL 8
3696	GONZALEZ, J C
3714	TAFOLLAS AUTO REPAIR
3832	BROWNS DIESEL
3852	NORMA, LOPEZ
3862	OCCUPANT UNKNOWN,
3876	GONZALEZ, JAIME V
3882	OCCUPANT UNKNOWN,
3884	COHEN, R
3886	VINCENT, MARY
3890	CHRISTENSON, AARON E
3896	RANGEL, MARY J
3930	SERRANO, CHUCK E
3950	BARRITT, JAMES W
4111	DORN, S

Target Street	Cross Street	Source
✓	-	Cole Information

W MOUNT WHITNEY AVE 2010

1755	SMITH, MARK A
1829	LOPEZ, EFRAIN
1857	OCCUPANT UNKNOWN,
1859	GONZALES, ARTURO
2250	OCCUPANT UNKNOWN,
2346	OCCUPANT UNKNOWN,
2465	OCCUPANT UNKNOWN,
	WHITNEY OAKS DAIRY
2474	RODRIGUEZ, FRANCISCO
2583	OCCUPANT UNKNOWN,
2753	OCCUPANT UNKNOWN,
2792	MT WHITNEY DAIRY
2796	OCCUPANT UNKNOWN,
2806	OCCUPANT UNKNOWN,
2808	GONZALEZ, CARLOS
2810	OCCUPANT UNKNOWN,
2812	OCCUPANT UNKNOWN,
2813	DAVIS, D
2836	OCCUPANT UNKNOWN,
3016	CABRERA, GUILLERMO S
3044	OCCUPANT UNKNOWN,
3047	ST ANN REGLIGIOUS EDUCATION
	ZARATE, RAFAEL
3382	CASEYS BARBER SHOP
3390	GOOD MORNING DONUTS
3415	SWEARINGEN, CHAD
3428	SUBWAY
3554	EL RINCONSITO
3596	EASY FEED
3610	SHELL 8BUFORD
3696	OCCUPANT UNKNOWN,
3832	BROWNS DIESEL
3852	TORRES, HECTOR
3862	GONZALEZ, SECUNDINO Z
3876	GHIDELLI, ROGER J
3882	AUSTIN, GEORGE H
3884	SING, ERIK
3886	MORGAN, ALVIN C
3888	KUNZ, RACHEL
3890	CHRISTENSON, AARON E
3896	RANGEL, JORGE R
3930	SERRANO, CHUCK E
3950	BARRITT, JAMES W
3970	ORTA, JOSEPH
4111	DORN, S

Target Street	Cross Street	Source
✓	-	Cole Information

W MOUNT WHITNEY AVE 2005

1755	SMITH, MARK A
1829	PEREZ, JUAN
1857	OCCUPANT UNKNOWN,
1859	RAMIREZ, FILOGONIO C
2250	ANGIES PET GROOMING
	FONTES, LARRY S
2346	GOMEZ, ELIAS C
2465	DAVIS, FRED E
2474	ORDONEZ, MARCOS
2796	OCCUPANT UNKNOWN,
2802	OCCUPANT UNKNOWN,
2804	OCCUPANT UNKNOWN,
2806	OCCUPANT UNKNOWN,
2808	GONZALEZ, CESARIO
2810	OCCUPANT UNKNOWN,
2812	VERA, LUIS
2813	OCCUPANT UNKNOWN,
2836	GONZALEZ, RAMON V
3016	CABRERA, GUILLERMO S
3044	COELHO, LAVERNE T
3047	SAINT ANN CHURCH
	SAINT ANN REGLIGIOUS EDUCATION
	ZARATE, RAFAEL
3085	RIVERDALE MEMORIAL DIST
3086	RIVERDALE JOINT UNIFIED SCHOOL DISTR
3415	MCLEOD, FORD
3610	BUFORDS STARMART # 8
	TEXACO STAR MART
3660	RIVERDALE AUTO PARTS & MACHINE SHOP
3696	COOK, ROBERT W
3832	MT WHITNEY COLLISION
3862	GONZALEZ, SECUNDINO
3876	GHIDELLI, ROBERT J
3882	DUTY, JACK R
3886	MORGAN, ALVIN C
3890	CHRISTENSON, AARON E
3896	RANGEL, JOSE J
3930	SERRANO, CHUCK E
3950	BARRITT, JAMES W
3970	ORTA, JOSEPH
4026	OCCUPANT UNKNOWN,
4111	DORNS GAS

Target Street	Cross Street	Source
✓	-	Cole Information

W MOUNT WHITNEY AVE 2000

1755	SMITH, MICHAEL L
1857	SANCHEZ, MARIA
2346	GOMEZ, ELIAS C
2465	DAVIS, FRED E
2792	MT WHITNEY DAIRY
2802	CALDERON, JOSE M
2804	BECERRA, E V
2806	MARQUES, MANUEL
2810	ORDONEZ, MARCOS
2813	ASSEMBLY OF GOD CHURCH
	RIVERDALE CHRISTIAN ACADEMY
	SPENCER, BRIAN A
3047	SISTER, WILLIE
	ST ANN CHURCH
	ST ANN REGLIGIOUS EDUCATION
3085	RIVERDALE MEMORIAL DISTRICT
3086	RIVERDALE JOINT UNIFIED SCHOOL DISTRICT
3150	COELHO, JERRY
3256	KING, DAN
3276	DUTRA, ALICE
3356	SMITH OLIVER D INS AGENCY
3376	HAIR HAVEN
3384	MACKEY & MACKEY INS AGENCY INCORPORATED
3415	MCLEOD FORD
3452	EL BARRILITO
3458	ORIENTAL NICK NACK & HOME DECOR
3494	SANWA BANK CALIFORNIA RIVERDALE OFFICE
3567	MATERNAL & CHILD CARE CENTER RIVERDALE
	SMITH BRENT MD OFFICE CLINIC
3660	RIVERDALE AUTO PARTS & MACHINE SHOP
3832	RIVERDALE BODY & PAINT WORKS
3876	STEPHEN, L J
3890	CHRISTENSON, AARON
3950	BARRITT, JAMES W
4111	DORNS GAS

Target Street	Cross Street	Source
✓	-	Cole Information

W MOUNT WHITNEY AVE 1995

1755	SMITH, MICHAEL L
1857	RODRIGUEZ, J
2346	CEDILLO, A
2465	DAVIS, FRED E
2583	MEDINA, MARIA
2792	MT WHITNEY DAIRY
2806	MARQUES, MANUEL
2808	GARCIA, F
2813	ASSEMBLY OF GOD CHURCH
	RIVERDALE CHRISTIAN ACADEMY
	SPENCER, SUSAN
3016	COELHO, JOHN D
3044	COELHO, FRANK
3047	SISTER, WILLIE
	ST ANN CHURCH
3382	CASEYS BARBER SHOP
3396	MIKES PIZZA
3428	YOU SAVE FOOD MART
3434	RIVERDALE FROZEN FOOD LOCKER
3493	BACOME INSURANCE
	BETH MORTON
3532	R & D PRODUCE CO
3596	IMPERIAL CABINETS
3832	RIVERDALE BODY & PAINT WORKS
3876	GHIDELLI, ROBERT
3884	HANSON, K
3886	KENNEDY, ROBERT R
3890	CHRISTENSON, AARON
3930	ORTA, JOE JR
3950	BARRITT, PHRONIE
4111	DORNS GAS

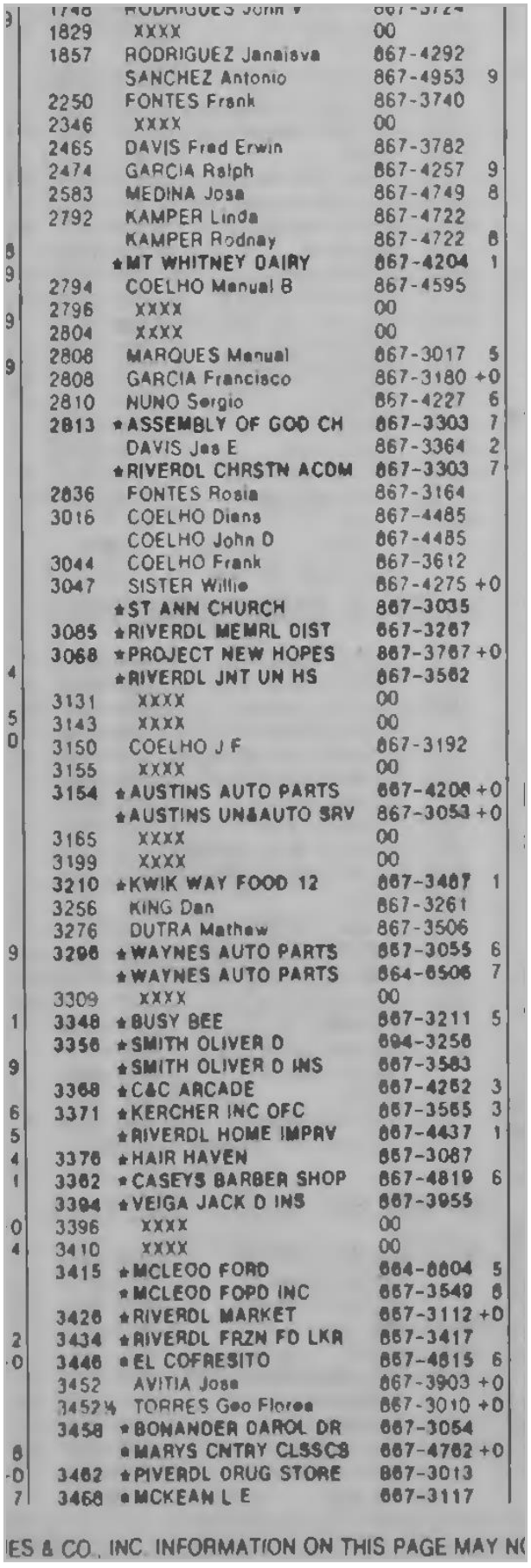
Target Street	Cross Street	Source
✓	-	Cole Information

W MOUNT WHITNEY AVE 1992

1755	SMITH, MICHAEL L
1829	SERVIN, JUANA
1857	RODRIGUEZ, J
2250	FONTES, FRANK
2346	CEDILLO, A
2465	DAVIS, FRED E
2583	MEDINA, JOSE
2792	MT WHITNEY DAIRY
2804	ZAMORANO, MARIO
2806	MARQUES, MANUEL
2808	GARCIA, F
2810	NUNO, SERGIO
2813	ASSEMBLY OF GOD CH
	DAVIS, JAMES E
2836	FONTES, ROSIE
3016	COELHO, JOHN D
3044	COELHO, FRANK
3047	SISTER, WILLIE
	ST ANN CHURCH
3085	RIVERDL MEMRL DIST
3086	RIVERDL JNT UN HS
3150	COELHO, J F
3256	KING, DAN
3276	DUTRA, MATHEW
3415	MCLEOD, FORD
3696	WHITED, DAVID
3832	RIVERDL BODY&PAINT
3876	GHIDELLI, ROBERT
3884	HANSON, K
3886	KENNEDY, ROBERT R
3888	BENJAMIN, M
3930	ORTA, JOSEPH JR
3950	BARRITT, PHRONIE
4111	DORNS GAS

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W MOUNT WHITNEY AVE 1990

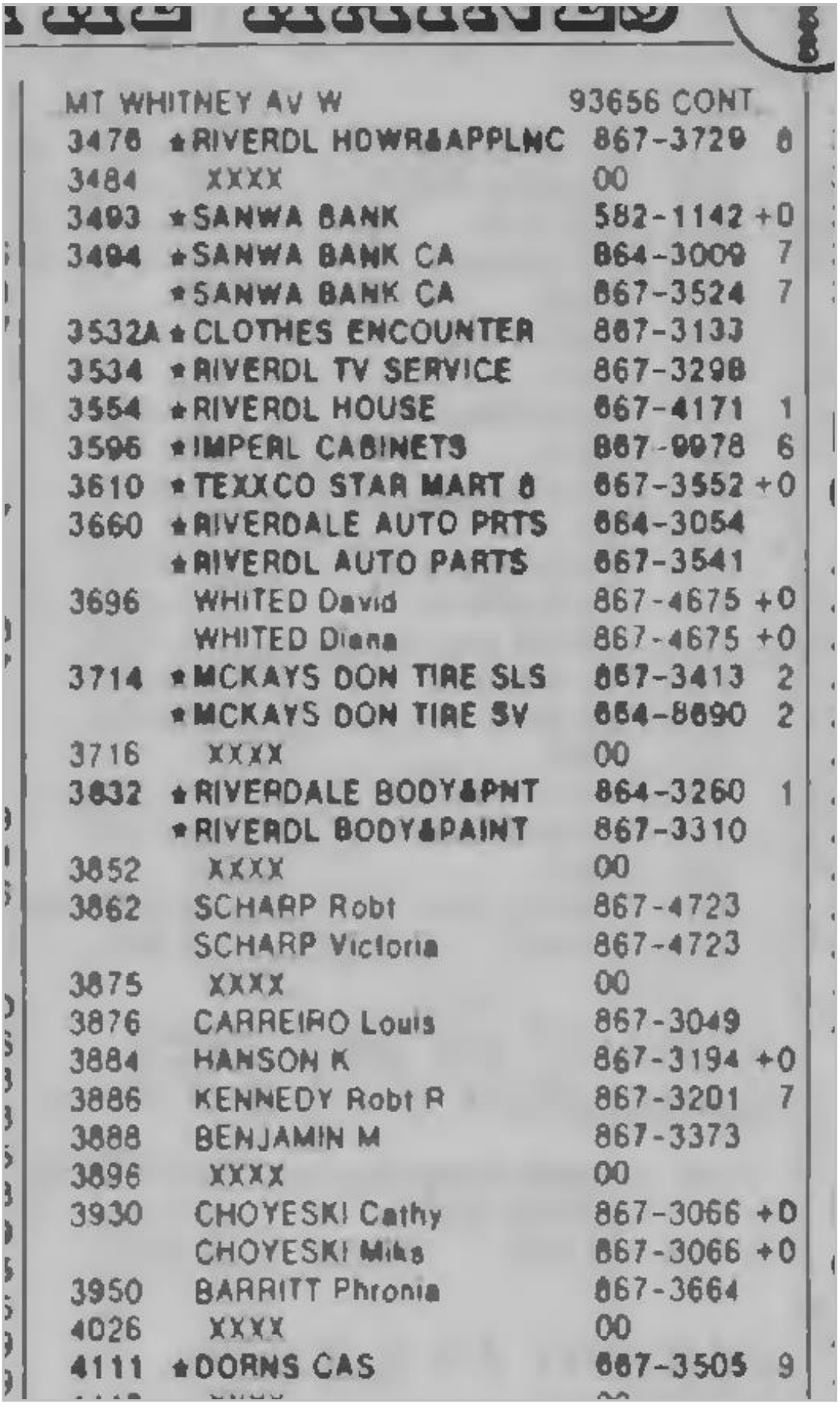


1829	XXXX	00	
1857	RODRIGUEZ Janaisva	867-4292	
	SANCHEZ Antonio	867-4953	9
2250	FONTES Frank	867-3740	
2346	XXXX	00	
2465	DAVIS Fred Erwin	867-3782	
2474	GARCIA Ralph	867-4257	9
2583	MEDINA Josa	867-4749	8
2792	KAMPER Linda	867-4722	
	KAMPER Rodnay	867-4722	8
	★MT WHITNEY DAIRY	867-4204	1
2794	COELHO Manual B	867-4595	
2796	XXXX	00	
2804	XXXX	00	
2808	MARQUES Manual	867-3017	5
2808	GARCIA Francisco	867-3180	+0
2810	NUNO Sergio	867-4227	6
2813	★ASSEMBLY OF GOD CH	867-3303	7
	DAVIS Jas E	867-3364	2
	★RIVERDL CHRSTN ACOM	867-3303	7
2836	FONTES Rosia	867-3164	
3016	COELHO Diana	867-4485	
	COELHO John D	867-4485	
3044	COELHO Frank	867-3612	
3047	SISTER Willie	867-4275	+0
	★ST ANN CHURCH	867-3035	
3085	★RIVERDL MEMRL DIST	867-3267	
3068	★PROJECT NEW HOPES	867-3787	+0
	★RIVERDL JNT UN HS	867-3562	
3131	XXXX	00	
3143	XXXX	00	
3150	COELHO J F	867-3192	
3155	XXXX	00	
3154	★AUSTINS AUTO PARTS	867-4208	+0
	★AUSTINS UN&AUTO SRV	867-3053	+0
3165	XXXX	00	
3199	XXXX	00	
3210	★KWIK WAY FOOD 12	867-3487	1
3256	KING Dan	867-3261	
3276	DUTRA Mathew	867-3506	
3298	★WAYNES AUTO PARTS	867-3055	6
	★WAYNES AUTO PARTS	864-6506	7
3309	XXXX	00	
3348	★BUSY BEE	867-3211	5
3356	★SMITH OLIVER D	864-3256	
	★SMITH OLIVER D INS	867-3583	
3368	★C&C ARCADE	867-4262	3
3371	★KERCHER INC OFC	867-3565	3
	★RIVERDL HOME IMPRV	867-4437	1
3376	★HAIR HAVEN	867-3087	
3382	★CASEYS BARBER SHOP	867-4819	6
3394	★VEIGA JACK D INS	867-3955	
3396	XXXX	00	
3410	XXXX	00	
3415	★MCLEOD FORD	864-6804	5
	★MCLEOD FORD INC	867-3549	8
3426	★RIVERDL MARKET	867-3112	+0
3434	★RIVERDL FRZN FD LKR	867-3417	
3446	★EL COFRESITO	867-4815	6
3452	AVITIA Jose	867-3903	+0
3452½	TORRES Geo Flores	867-3010	+0
3458	★BONANDER DAROL DR	867-3054	
	★MARYS CNTRY CLSSCS	867-4762	+0
3462	★RIVERDL DRUG STORE	867-3013	
3468	★MCKEAN L E	867-3117	

IES & CO., INC. INFORMATION ON THIS PAGE MAY N

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W MOUNT WHITNEY AVE 1990



MT WHITNEY AV W		93656 CONT	
3478	*RIVERDL HDWR&APPLNC	867-3729	8
3484	XXXX	00	
3493	*SANWA BANK	582-1142	+0
3494	*SANWA BANK CA	864-3009	7
	*SANWA BANK CA	867-3524	7
3532A	*CLOTHES ENCOUNTER	867-3133	
3534	*RIVERDL TV SERVICE	867-3298	
3554	*RIVERDL HOUSE	867-4171	1
3596	*IMPERL CABINETS	867-9978	6
3610	*TEXXCO STAR MART 8	867-3552	+0
3660	*RIVERDALE AUTO PRTS	864-3054	
	*RIVERDL AUTO PARTS	867-3541	
3696	WHITED David	867-4675	+0
	WHITED Diana	867-4675	+0
3714	*MCKAYS DON TIRE SLS	867-3413	2
	*MCKAYS DON TIRE SV	864-8690	2
3716	XXXX	00	
3832	*RIVERDALE BODY&PNT	864-3260	1
	*RIVERDL BODY&PAINT	867-3310	
3852	XXXX	00	
3862	SCHARP Robt	867-4723	
	SCHARP Victoria	867-4723	
3875	XXXX	00	
3876	CARREIRO Louis	867-3049	
3884	HANSON K	867-3194	+0
3886	KENNEDY Robt R	867-3201	7
3888	BENJAMIN M	867-3373	
3896	XXXX	00	
3930	CHOYESKI Cathy	867-3066	+0
	CHOYESKI Mike	867-3066	+0
3950	BARRITT Phronia	867-3664	
4026	XXXX	00	
4111	*DORNS CAS	867-3505	9

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W MOUNT WHITNEY AVE 1985

1748	RODRIGUES JOHN V	867-3724	
1829	JOHNSON BERLDINE	867-3896	4
1857	RODRIGUEZ J	867-4292	0
2250	FONTES FRANK	867-3740	
2346	XXXX	00	
2465	DAVIS FRED ERWIN	867-3782	
2474	XXXX	00	
2583	XXXX	00	
2792	MT WHITNEY DAIRY	867-4204	1
2794	COELHO MANUEL B	867-4595	8
2796	XXXX	00	
2804	SILVA MANUEL P	867-4752	2
2806	MARQUES MANUEL	867-3017	+5
2808	XXXX	00	
2810	XXXX	00	
2813	ASSEMBLY OF GOD CH	867-4363	
	DAVIS JAS E	867-3364	2
	RIVERDL CHRSTN ACDM	867-4383	9
2836	FONTES ROSIE	867-3164	
3016	COELHO JOHN D	867-4485	0
3044	COELHO FRANK	867-3612	
3047	ST ANN CHURCH	867-3035	
3065	RIVERDL MEMRL DIST	867-3267	
3066	RIVERDL SC	867-3562	
	RIVERDL SC AGRI DPT	867-3455	
	RIVERDL SC BUS GRGE	867-3461	
3131	DORNS GAS	864-8805	+5
3143	XXXX	00	
3150	COELHO J F	867-3192	
3164	CARREIROS AUTO PRTS	867-4208	7
	CAPREIROS UN&ATO SV	867-3053	
3199	XXXX	00	
3210	KWIK WAY FOOD 12	867-3487	1
3256	KING DAN	867-3251	9
3276	DUTRA MATHEW	867-3508	
3296	WAYNES AUTO PARTS	864-8500	+5
3309	XXXX	00	
3348	BUSY BEE	867-3211	+5
3356	SMITH OLIVER D	867-3483	
	SMITH OLIVER D	864-3258	
3368	C&C ARCADE	867-4262	3
3371	KERCHER INC OFC	867-3665	3
	RIVERDL HOME IMPRV	867-4437	1
3378	HAIR HAVEN	867-3087	9
3384	VEIGA JACK D INS	867-3855	
	VEIGA JACK INS AGCY	864-3684	
3396	RIVERDL HARDWARE	867-3385	
3410	CASMERO CHEVRON SS	867-3050	
3415	MCLEOD FORD	864-8804	+5
	NATL AUTOMSL CLUB	867-3549	1
3428	MCKEANS GENL MDSE	867-3112	
3434	RIVERDL FRZN FD LKR	867-3417	
3448	XXXX	00	
3452	MCINTOSP&BROWN CG	867-4382	1
3458	BONANDER DAROL DR	867-3054	0
3462	RIVERDL DRUG STORE	867-3013	
3468	MCKEAN L E	867-3117	
3478	WESTERN ATO FMLY ST	867-3729	
	WESTERN UNION CASH	867-3729	
3484	XXXX	00	
3494	LLOYDS BANK CAL	864-3000	8
	LLOYDS BANK CALIF	867-3524	
3532A	CLOTHES ENCOUNTER	867-3133	0
3534	RIVERDL TV SERVICE	867-3298	8
3554	RIVERDL HOUSE	867-4171	1
3660	RIVERDALE AUTO PRTS	864-3054	
	RIVERDL AUTO PARTS	867-3541	
3696	XXXX	00	
3714	MCKAYS DON TIRE SLS	867-3413	2
	MCKAYS DON TIRE SV	864-8600	2
3716	XXXX	00	
3832	RIVERDALE BODY&PNT	864-3280	1
	RIVERDL BODY&PAINT	867-3310	6
3852	XXXX	00	
3862	LEWIS BESSIE	867-3918	3
3875	XXXX	00	
3876	CARREIRO LOUIS	867-3049	8
3884	DURRENBERGER ALVIN	867-3206	2
3886	KING ROBT L	867-4516	7
3888	BENJAMIN M	867-3373	0
3896	CARREIRO ERNIE N	867-3426	
3930	MCDONALD RICHARD G	867-3877	
3950	BARRITT PHRONIE	867-3664	

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W MOUNT WHITNEY AVE 1985

MT WHITNEY AV W 93650 CONT

4028 MILES MICHAEL V 667-3468

4148 CORREIA JOAQUIN 667-3844 0

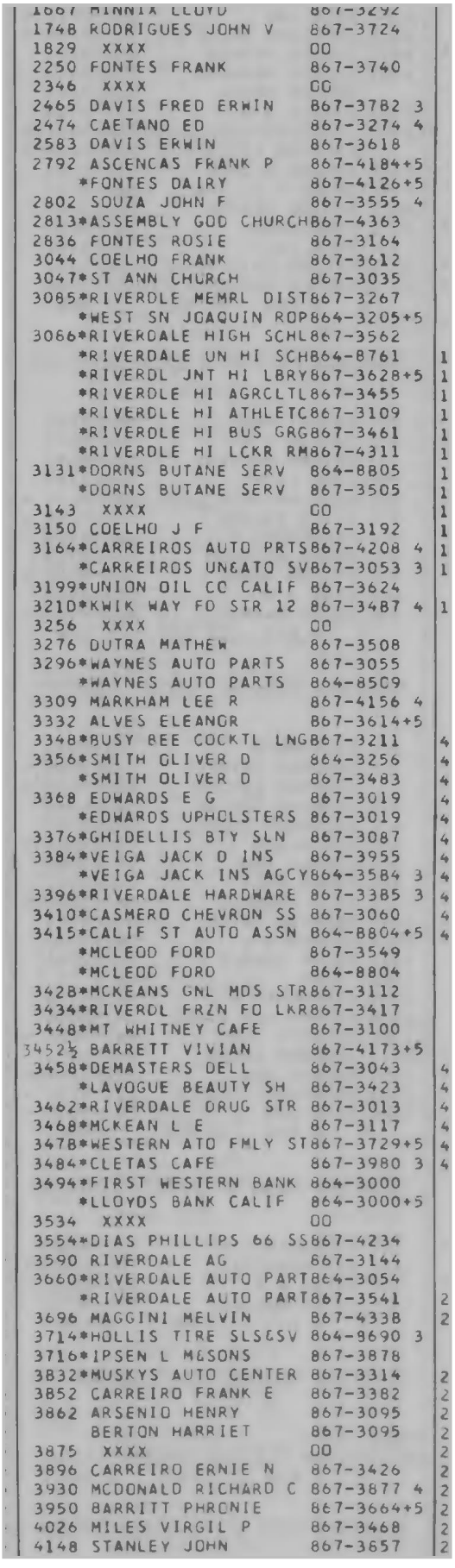
Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W MOUNT WHITNEY AVE 1980

1748	GONZALEZ S	867-3440	+0
	RODRIGUES JOHN V	867-3724	
1829	XXXX	00	
1857	RODRIGUEZ J	867-4292	+0
2250	FONTES FRANK	867-3740	
2346	XXXX	00	
2465	DAVIS FRED ERWIN	867-3782	3
2474	VALDOVINOS J	867-3272	+0
2583	DAVIS ERWIN	867-3619	
2792	MTWHITNEY DAIRY	867-4204	+0
2794	COELHO MANUEL B	867-4595	8
2796	SILVERRA MANUEL G	867-4544	7
2802	XXXX	00	
2804	SOUZA JOE E	867-3640	7
2806	XXXX	00	
2808	CASTRO JOHN G	867-4321	7
2810	XXXX	00	
2813	ASSEMBLY GOD CHURCH	867-4363	
	RIVERDL CHRSTN ACOM	867-4363	9
	SPENCER DOUGLAS R	867-4409	9
2836	FONTES ROSIE	867-3164	
3016	COELHO JOHN D	867-4485	+0
3044	COELHO FRANK	867-3612	
3047	STANN CHURCH	867-3035	
3085	RIVERDL MEMRL DIST	867-3267	
3086	RIVERDL JT HI	867-3562	
	RIVERDL JT HI AGRI	867-3455	
	RIVERDL JT HI ATHL	867-3109	
	RIVERDL JT HI BUS	867-3461	
	RIVERDL JT HI LBRY	867-3628	5
	RIVERDL JT HI LOCKR	867-4311	
3131	DORNS GAS	867-3505	
	DORNS GAS	864-8805	
3143	XXXX	00	
3150	COELHO J F	867-3192	
3164	CARREIROS AUTO PRTS	867-4208	7
	CARREIROS UN&ATO SV	867-3053	3
3199	UNION OIL CO CALIF	867-3624	
3210	KWIK WAY FD STR 12	867-3487	4
3256	KING DAN	867-3261	9
3276	DUTRA MATHEW	867-3508	
3296	WAYNES AUTO PARTS	867-3055	+0
3309	XXXX	00	
3348	BUSY BEE	867-4511	7
	WHISKEY SHOP THE	867-4511	8
	WHISKEY SHOPPE	867-3211	6
3356	SMITH OLIVER D	867-3483	
	SMITH OLIVER D	864-3256	
3368	RECOVERY DISCOVERY	867-3019	9
3376	HAIR HAVEN	867-3087	9
3384	VEIGA JACK D INS	867-3955	
	VEIGA JACK INS AGCY	864-3584	3
3396	RIVERDL HARDWARE	867-3385	3
3410	CASMERO CHEVRON SS	867-3060	
3415	MCLEOD FORD	867-3549	
	MCLEOD FORD	864-8804	
3428	MCKEANS GENL MDSE	867-3112	
3434	RIVERDL FRZN FD LKR	867-3417	
3448	MT WHITNEY CAFE	867-3100	
3452½	BARRETT VIVIAN	867-4173	5
3458	BONANDER D J	867-3054	+0
	DEMASTERS DELL	867-3043	
3462	RIVERDL DRUG STORE	867-3013	
3468	MCKEAN L E	867-3117	
3478	WESTERN ATO FMLY ST	867-3729	5
3484	XXXX	00	
3494	LLOYDS BANK CAL	864-3000	8
	LLOYDS BANK CALIF	867-3524	5
3532A	CERUTTI REAL ESTATE	867-4481	7
A	CLOTHES ENCOUNTER	867-3133	+0
3534	RIVERDL TV SERVICE	867-3298	8
3554	XXXX	00	
3660	RIVERDALE AUTO PART	864-3054	
	RIVEROL AUTO PARTS	867-3541	
3696	MAGGINI MELVIN	867-4565	9
	MAGGINI MELVIN	867-4338	+0
3714	HOLLIS TIRE SLS&SRV	867-3413	9
	HOLLIS TIRE SLS&SV	864-8690	8
3716	IPSEN L M&SONS	867-3878	
3832	MUSCRAVE LAWRENCE	864-3260	7
	MUSGRAVE LAWRENCE H	864-3260	7
	MUSKYS AUTO CENTER	864-3260	9
	MUSKYS AUTO CT	867-3314	+0
	RIVERDL BODY&PAINT	867-3310	6
3852	MENEFEE MICKEY	867-3947	8
3862	GHIDELLI JERRY A	867-4372	8
3875	XXXX	00	
3876	CARREIRO LOUIS	867-3049	8
3886	KING ROBERT L	867-4516	7
3888	BENJAMIN M	867-3373	+0
3896	CARREIRO ERNIE N	867-3426	
3930	MCDONALD RICHARD C	867-3877	4
3950	BARRITT PHRONIE	867-3664	5
4026	MILES VIRGIL P	867-3468	
4148	CORREIA JOAQUIN	867-3844	8

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

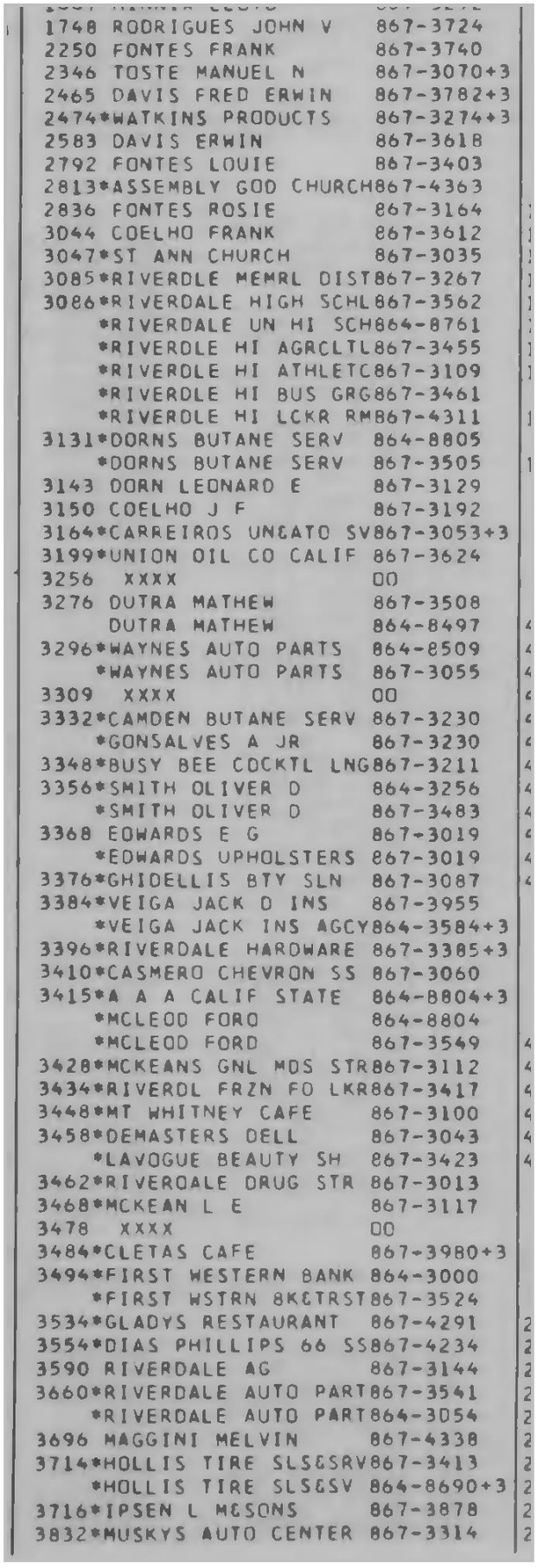
W MOUNT WHITNEY AVE 1975



1667	MINNIA LLOYD	867-3292	
1748	RODRIGUES JOHN V	867-3724	
1829	XXXX	OO	
2250	FONTES FRANK	867-3740	
2346	XXXX	OO	
2465	DAVIS FRED ERWIN	867-3782 3	
2474	CAETANO ED	867-3274 4	
2583	DAVIS ERWIN	867-3618	
2792	ASCENCAS FRANK P	867-4184+5	
	*FONTES DAIRY	867-4126+5	
2802	SOUZA JOHN F	867-3555 4	
2813	*ASSEMBLY GOD CHURCH	867-4363	
2836	FONTES ROSIE	867-3164	
3044	COELHO FRANK	867-3612	
3047	*ST ANN CHURCH	867-3035	
3085	*RIVERDLE MEMRL DIST	867-3267	
	*WEST SN JOAQUIN ROP	864-3205+5	
3066	*RIVERDALE HIGH SCHL	867-3562	
	*RIVERDALE UN HI SCH	864-8761	1
	*RIVERDL JNT HI LBRY	867-3628+5	1
	*RIVERDLE HI AGRCLTL	867-3455	1
	*RIVERDLE HI ATHLETC	867-3109	1
	*RIVERDLE HI BUS GRG	867-3461	1
	*RIVERDLE HI LCKR RM	867-4311	1
3131	*DORNS BUTANE SERV	864-8805	1
	*DORNS BUTANE SERV	867-3505	1
3143	XXXX	OO	1
3150	COELHO J F	867-3192	1
3164	*CARREIROS AUTO PRTS	867-4208 4	1
	*CARREIROS UNCATO SV	867-3053 3	1
3199	*UNION OIL CO CALIF	867-3624	
321D	*KWIK WAY FD STR 12	867-3487 4	1
3256	XXXX	OO	
3276	DUTRA MATHEW	867-3508	
3296	*WAYNES AUTO PARTS	867-3055	
	*WAYNES AUTO PARTS	864-8509	
3309	MARKHAM LEE R	867-4156 4	
3332	ALVES ELEANOR	867-3614+5	
3348	*BUSY BEE COCKTL LNG	867-3211	4
3356	*SMITH OLIVER D	864-3256	4
	*SMITH OLIVER D	867-3483	4
3368	EDWARDS E G	867-3019	4
	*EDWARDS UPHOLSTERS	867-3019	4
3376	*GHIDELLIS BTY SLN	867-3087	4
3384	*VEIGA JACK D INS	867-3955	4
	*VEIGA JACK INS AGCY	864-3584 3	4
3396	*RIVERDALE HARDWARE	867-3385 3	4
3410	*CASMERO CHEVRON SS	867-3060	4
3415	*CALIF ST AUTO ASSN	864-8804+5	4
	*MCLEOD FORD	867-3549	
	*MCLEOD FORD	864-8804	
342B	*MCKEANS GNL MDS STR	867-3112	
3434	*RIVERDL FRZN FD LKR	867-3417	
3448	*MT WHITNEY CAFE	867-3100	
3452½	BARRETT VIVIAN	867-4173+5	
3458	*DEMASTERS DELL	867-3043	4
	*LAVOGUE BEAUTY SH	867-3423	4
3462	*RIVERDALE DRUG STR	867-3013	4
3468	*MCKEAN L E	867-3117	4
347B	*WESTERN ATO FMLY ST	867-3729+5	4
3484	*CLETAS CAFE	867-3980 3	4
3494	*FIRST WESTERN BANK	864-3000	
	*LLOYDS BANK CALIF	864-3000+5	
3534	XXXX	OO	
3554	*DIAS PHILLIPS 66 SS	867-4234	
3590	RIVERDALE AG	867-3144	
3660	*RIVERDALE AUTO PART	864-3054	
	*RIVERDALE AUTO PART	867-3541	2
3696	MAGGINI MELVIN	867-4338	2
3714	*HOLLIS TIRE SLS&SV	864-9690 3	
3716	*IPSEN L M&SONS	867-3878	
3832	*MUSKYS AUTO CENTER	867-3314	2
3852	CARREIRO FRANK E	867-3382	2
3862	ARSENIO HENRY	867-3095	2
	BERTON HARRIET	867-3095	2
3875	XXXX	OO	2
3896	CARREIRO ERNIE N	867-3426	2
3930	MCDONALD RICHARD C	867-3877 4	2
3950	BARRITT PHRONIE	867-3664+5	2
4026	MILES VIRGIL P	867-3468	2
4148	STANLEY JOHN	867-3657	2

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W MOUNT WHITNEY AVE 1973



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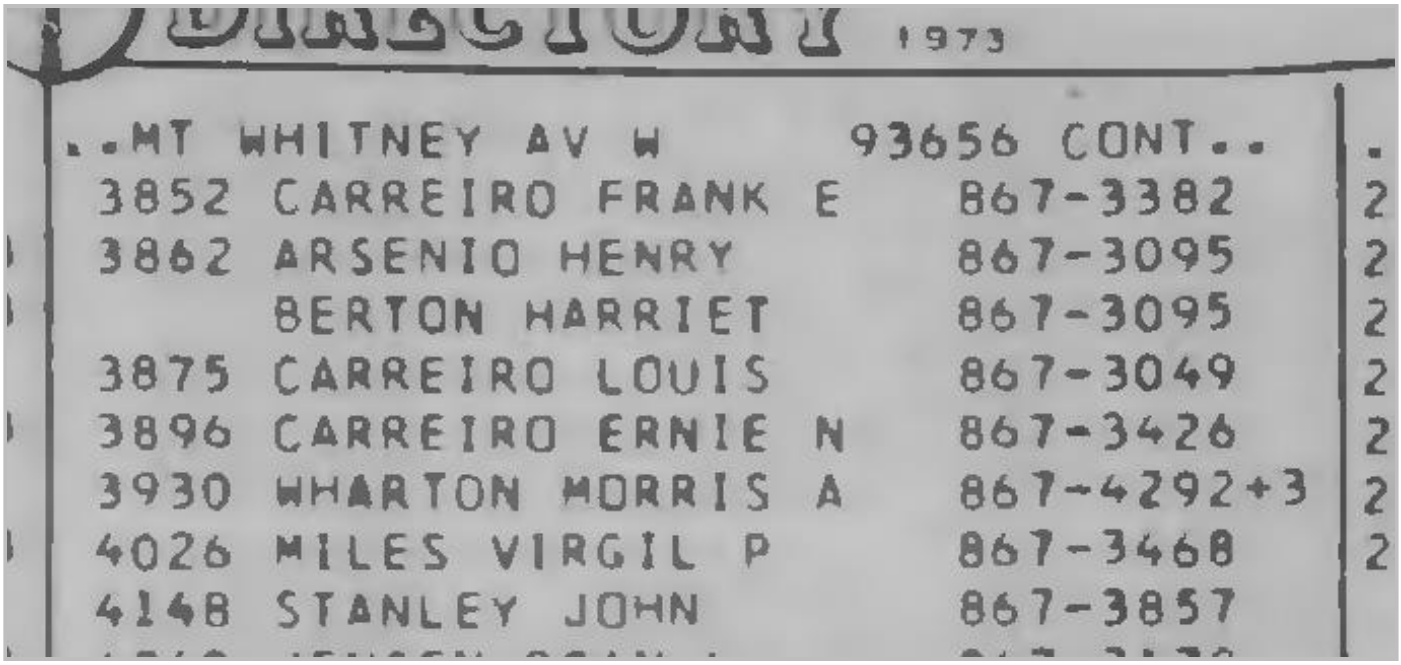
1748 RODRIGUES JOHN V      867-3724
2250 FONTES FRANK          867-3740
2346 TOSTE MANUEL N        867-3070+3
2465 DAVIS FRED ERWIN      867-3782+3
2474*WATKINS PRODUCTS      867-3274+3
2583 DAVIS ERWIN           867-3618
2792 FONTES LOUIE          867-3403
2813*ASSEMBLY GOD CHURCH   867-4363
2836 FONTES ROSIE          867-3164
3044 COELHO FRANK          867-3612
3047*ST ANN CHURCH         867-3035
3085*RIVERDLE MEMRL DIST   867-3267
3086*RIVERDALE HIGH SCHL   867-3562
    *RIVERDALE UN HI SCH   864-8761
    *RIVERDLE HI AGRCLTL   867-3455
    *RIVERDLE HI ATHLETC   867-3109
    *RIVERDLE HI BUS GRG   867-3461
    *RIVERDLE HI LCKR RM   867-4311
3131*DORNS BUTANE SERV     864-8805
    *DORNS BUTANE SERV     867-3505
3143 DORN LEONARD E        867-3129
3150 COELHO J F            867-3192
3164*CARREIROS UNCATO SV   867-3053+3
3199*UNION OIL CO CALIF    867-3624
3256  XXXX                 OO
3276 DUTRA MATHEW          867-3508
     DUTRA MATHEW          864-8497
3296*WAYNES AUTO PARTS      864-8509
    *WAYNES AUTO PARTS     867-3055
3309  XXXX                 OO
3332*CAMDEN BUTANE SERV    867-3230
    *GONSALVES A JR        867-3230
3348*BUSY BEE COCKTL LNG   867-3211
3356*SMITH OLIVER D        864-3256
    *SMITH OLIVER D        867-3483
3368 EDWARDS E G           867-3019
    *EDWARDS UPHOLSTERS    867-3019
3376*GHIDELLIS BTY SLN     867-3087
3384*VEIGA JACK D INS      867-3955
    *VEIGA JACK INS AGCY   864-3584+3
3396*RIVERDALE HARDWARE    867-3385+3
3410*CASMERO CHEVRON SS    867-3060
3415*A A A CALIF STATE     864-8804+3
    *MCLEOD FORD           864-8804
    *MCLEOD FORD           867-3549
3428*MCKEANS GNL MDS STR   867-3112
3434*RIVERDL FRZN FD LKR   867-3417
3448*MT WHITNEY CAFE       867-3100
3458*DEMASTERS DELL        867-3043
    *LAVOGUE BEAUTY SH     867-3423
3462*RIVERDALE DRUG STR    867-3013
3468*MCKEAN L E            867-3117
3478  XXXX                 OO
3484*CLETAS CAFE           867-3980+3
3494*FIRST WESTERN BANK    864-3000
    *FIRST WSTRN BKCTRST   867-3524
3534*GLADYS RESTAURANT     867-4291
3554*DIAS PHILLIPS 66 SS   867-4234
3590 RIVERDALE AG          867-3144
3660*RIVERDALE AUTO PART   867-3541
    *RIVERDALE AUTO PART   864-3054
3696 MAGGINI MELVIN        867-4338
3714*HOLLIS TIRE SLSCSRV   867-3413
    *HOLLIS TIRE SLSCSV    864-8690+3
3716*IPSEN L MCSONS        867-3878
3832*MUSKYS AUTO CENTER    867-3314
```

Target Street	Cross Street	Source
✓	-	Haines Criss-Cross Directory

W MOUNT WHITNEY AVE 1973



1973

..MT WHITNEY AV W 93656 CONT..

3852	CARREIRO FRANK	E	867-3382	2
3862	ARSENIO HENRY		867-3095	2
	BERTON HARRIET		867-3095	2
3875	CARREIRO LOUIS		867-3049	2
3896	CARREIRO ERNIE	N	867-3426	2
3930	WHARTON MORRIS	A	867-4292+3	2
4026	MILES VIRGIL	P	867-3468	2
4148	STANLEY JOHN		867-3857	

Riverdale Phase I
3086 W Mount Whitney Ave
Riverdale, CA 93656

Inquiry Number: 7896275.2s
April 16, 2025

EDR Vapor Encroachment Screen

Prepared using EDR's Vapor Encroachment Worksheet

EDR® Environmental Data Resources Inc

6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Secondary Map	**3**
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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by EDR. The report was designed to assist parties seeking to meet the search requirements of the ASTM Standard Practice for Assessment of Vapor Encroachment into Structures on Property Involved in Real Estate Transactions (E 2600).

STANDARD ENVIRONMENTAL RECORDS	Default Area of Concern (Miles)*	property	1/10	> 1/10
Lists of Federal NPL (Superfund) sites	1.0	0	0	0
Lists of Federal Delisted NPL sites	1.0	0	0	0
Lists of Federal sites subject to CERCLA removals and CERCLA orders	0.5	0	0	0
Lists of Federal CERCLA sites with NFRAP	0.5	0	0	0
Lists of Federal RCRA facilities undergoing Corrective Action	1.0	0	0	0
Lists of Federal RCRA TSD facilities	0.5	0	0	0
Lists of Federal RCRA generators	0.25	0	0	0
Federal institutional controls / engineering controls registries	0.5	0	0	0
Federal ERNS list	0.001	0	0	-
Lists of state- and tribal (Superfund) equivalent sites	1.0	0	0	0
Lists of state- and tribal hazardous waste facilities	1.0	0	1	0
Lists of state and tribal landfills and solid waste disposal facilities	0.5	0	0	0
Lists of state and tribal leaking storage tanks	0.5	0	0	0
Lists of state and tribal registered storage tanks	0.25	0	0	0
State and tribal institutional control / engineering control registries	not searched	-	-	-
Lists of state and tribal voluntary cleanup sites	0.5	0	0	0
Lists of state and tribal brownfield sites	0.5	0	0	0

ADDITIONAL ENVIRONMENTAL RECORDS				
Local Brownfield lists	0.5	0	0	0
Local Lists of Landfill / Solid Waste Disposal Sites	0.5	0	0	0
Local Lists of Hazardous waste / Contaminated Sites	1.0	1	1	0
Local Lists of Registered Storage Tanks	0.25	1	0	0
Local Land Records	0.5	0	0	0
Records of Emergency Release Reports	0.5	0	0	0
Other Ascertainable Records	1.0	10	0	0

EDR HIGH RISK HISTORICAL RECORDS				
EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

EXECUTIVE SUMMARY

EDR RECOVERED GOVERNMENT ARCHIVES

EDR Exclusive Records	1.0	0	0	0
Exclusive Recovered Govt. Archives	0.001	0	0	-

*The Default Area of Concern may be adjusted by the environmental professional using experience and professional judgement. Each category may include several databases, and each database may have a different distance. A list of individual databases is provided at the back of this report.

EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

RIVERDALE PHASE I
3086 W MOUNT WHITNEY AVE
RIVERDALE, CA 93656

COORDINATES

Latitude (North):	36.434666 - 36° 26′ 4.7964478″
Longitude (West):	119.855618 - 119° 51′ 20.236816″
Elevation:	223 ft. above sea level

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records.

Site	Database(s)
RIVERDALE JOINT UNIFIED SCHOOL DISTRICT 3086 W MOUNT WHITNEY RIVERDALE, CA 93656	HWTS
RIVERDALE JOINT UNIFIED SCHOOL DISTRICT (RIVERDALE HIGH SCHO 3086 W. MT WHITNEY RIVERDALE, CA 93656	E MANIFEST RCRA NonGen / NLR EPA ID:: CAL000213271
RIVERDALE HIGH SCHOOL 3086 W MT WHITNEY RIVERDALE, CA 93656	ECHO Registry ID: 110011552578 Registry ID: 110070452279 FINDS Registry ID:: 110070452279
RIVERDALE JUSD HIGH SCHOOL 3086 W MT WHITNEY AVE RIVERDALE, CA 93656	CIWQS
RIVERDALE HIGH SCHOOL 3086 W MOUNT WHITNEY AVE RIVERDALE, CA 93656	CUPA Listings Facility Id: FA0002115 CERS HAZ WASTE CERS
RIVERDALE HIGH SCHOOL 3086 W MT WHITNEY RIVERDALE, CA 93656	HAZNET GEPAID: CAL000213271 HWTS
RIVERDALE HIGH SCHOOL 3086 W MT WHITNEY RIVERDALE, CA 93656	CA FID UST Status: A Facility Id: 10000693 SWEEPS UST Status: A Comp Number: 358 Tank Status: A
RIVERDALE JOINT UNION HIGH SCHOOL 3086 W MT WHITNEY RIVERDALE, CA 93656	FTTS

EXECUTIVE SUMMARY

Site	Database(s)
RIVERWEST LEVELING INC 3086 W MT WHITNEY RIVERDALE, CA 93656	FINDS Registry ID:: 110011552578
RIVERDALE HIGH SCHOOL 3086 W MOUNT WHITNEY AVE RIVERDALE, CA 93656	FINDS Registry ID:: 110066081162
RIVERDALE JOINT UNION HIGH SCHOOL 3086 W MT WHITNEY RIVERDALE, CA 93656	HIST FTTS

EXECUTIVE SUMMARY

SEARCH RESULTS

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
HAZEL AVENUE ELEMENTARY SCHOOL SCH: SCH ENVIROSTOR: ENVIROSTOR	NORTHWEST OF HAZEL AVENUE	<1/10 NW	◆ 12	89

ADDITIONAL ENVIRONMENTAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
RIVERDALE JOINT UNIFIED SCHOOL DISTRICT HWTS: HWTS	3086 W MOUNT WHITNEY	Property	▲ A1	10
RIVERDALE JOINT UNIFIED SCHOOL DISTRICT (RIVERDALE HIGH SCHO E MANIFEST: E MANIFEST RCRA NonGen / NLR: RCRA NonGen / NLR	3086 W. MT WHITNEY	Property	▲ A2	11
RIVERDALE HIGH SCHOOL ECHO: ECHO FINDS: FINDS	3086 W MT WHITNEY	Property	▲ A3	27
RIVERDALE JUSD HIGH SCHOOL CIWQS: CIWQS	3086 W MT WHITNEY AVE	Property	▲ A4	27
RIVERDALE HIGH SCHOOL CUPA Listings: CUPA CERS HAZ WASTE: CERS HAZ WASTE CERS: CERS	3086 W MOUNT WHITNEY AVE	Property	▲ A5	28
RIVERDALE HIGH SCHOOL HAZNET: HAZNET HWTS: HWTS	3086 W MT WHITNEY	Property	▲ A6	32
RIVERDALE HIGH SCHOOL CA FID UST: CA FID UST SWEEPS UST: SWEEPS UST	3086 W MT WHITNEY	Property	▲ A7	85
RIVERDALE JOINT UNION HIGH SCHOOL FTTS: FTTS	3086 W MT WHITNEY	Property	▲ A8	87
RIVERWEST LEVELING INC FINDS: FINDS	3086 W MT WHITNEY	Property	▲ A9	87
RIVERDALE HIGH SCHOOL FINDS: FINDS	3086 W MOUNT WHITNEY AVE	Property	▲ A10	88

EXECUTIVE SUMMARY

Name	Address	Dist/Dir	Map ID	Page
RIVERDALE JOINT UNION HIGH SCHOOL HIST FTTS: HIST FTTS	3086 W MT WHITNEY	Property	▲ A11	88
HAZEL AVENUE ELEMENTARY SCHOOL SCH: SCH ENVIROSTOR: ENVIROSTOR	NORTHWEST OF HAZEL AVENUE	<1/10 NW	◆ 12	89

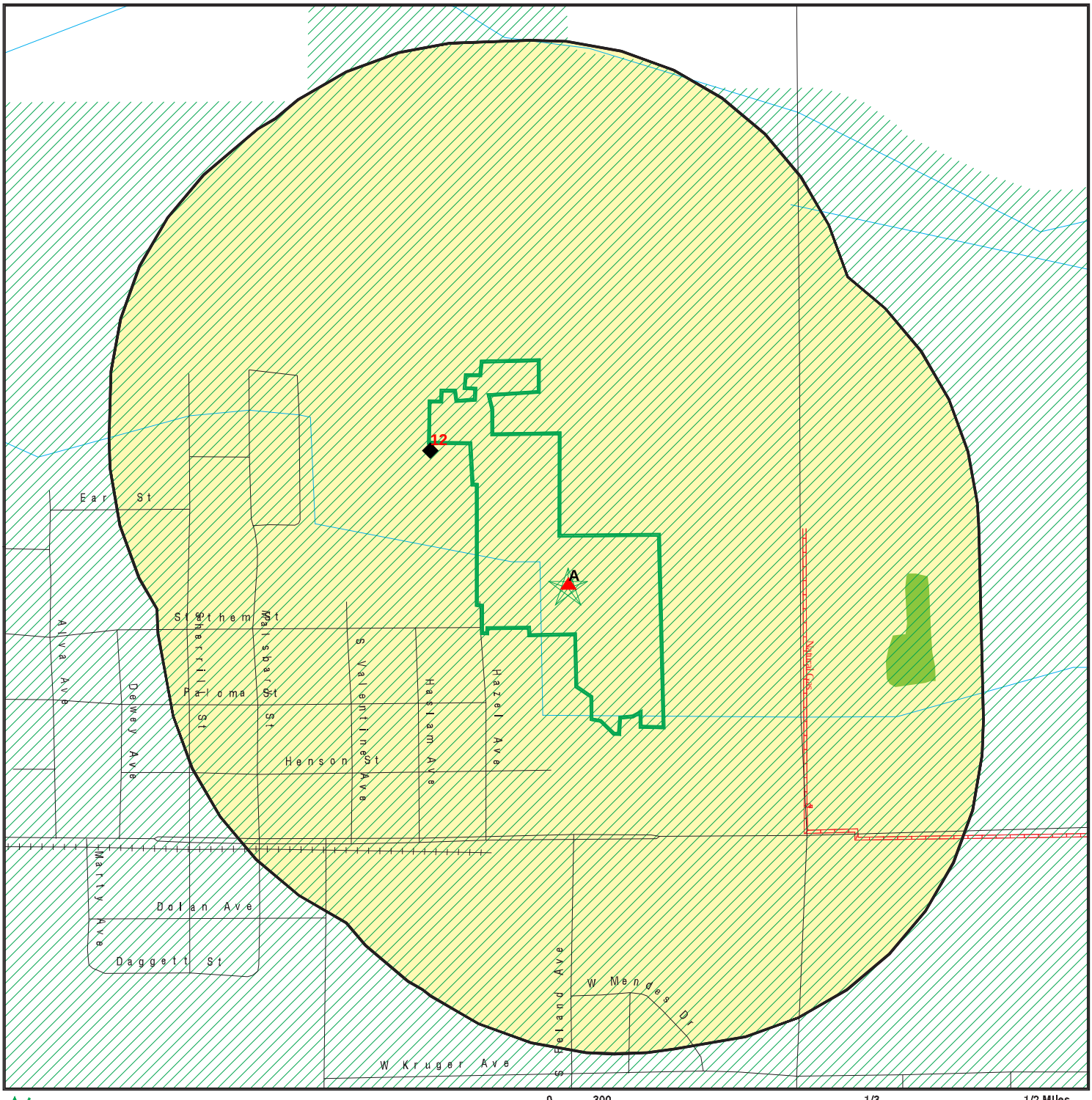
EDR HIGH RISK HISTORICAL RECORDS

Name	Address	Dist/Dir	Map ID	Page
Not Reported				

EDR RECOVERED GOVERNMENT ARCHIVES

Name	Address	Dist/Dir	Map ID	Page
Not Reported				

PRIMARY MAP - 7896275.2S



- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Riverdale Phase I	CLIENT:	BSK & Associates
ADDRESS:	3086 W Mount Whitney Ave Riverdale CA 93656	CONTACT:	Kevin Grove
		INQUIRY #:	7896275.2s
LAT/LONG:	36.434666 / 119.855618	DATE:	February 12, 2025 10:12 am

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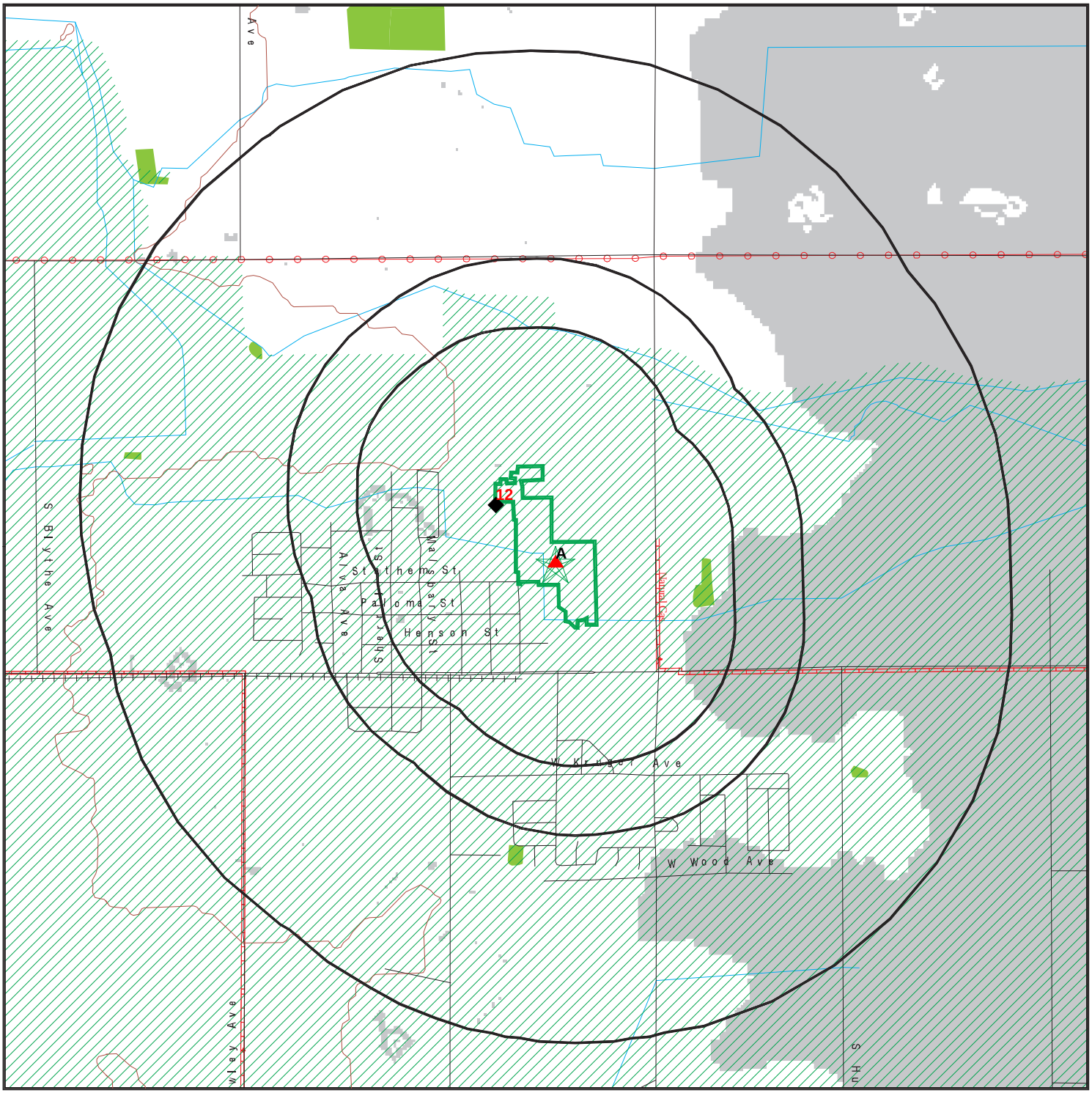
SECONDARY MAP - 7896275.2S



0 1/3 1/2 1 Miles

- Target Property
- Sites at elevations higher than or equal to the target property
- Sites at elevations lower than the target property
- Manufactured Gas Plants
- National Priority List Sites
- Dept. Defense Sites
- Indian Reservations BIA
- Power transmission lines
- Pipelines
- Special Flood Hazard Area (1%)
- 0.2% Annual Chance Flood Hazard
- National Wetland Inventory
- State Wetlands
- Upgradient Area
- Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME:	Riverdale Phase I	CLIENT:	BSK & Associates
ADDRESS:	3086 W Mount Whitney Ave Riverdale CA 93656	CONTACT:	Kevin Grove
LAT/LONG:	36.434666 / 119.855618	INQUIRY #:	7896275.2s
		DATE:	February 12, 2025 10:11 am

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MAP FINDINGS

LEGEND

FACILITY NAME **FACILITY ADDRESS, CITY, ST, ZIP**		EDR SITE ID NUMBER
◆ **MAP ID#**	Direction Distance Range (Distance feet / miles) Relative Elevation Feet Above Sea Level	ASTM 2600 Record Sources found in this report. Each database searched has been assigned to one or more categories. For detailed information about categorization, see the section of the report Records Searched and Currency.

Worksheet:

Comments:
Comments may be added on the online Vapor Encroachment Worksheet.

DATABASE ACRONYM: Applicable categories (A hoverbox with database description).

RIVERDALE JOINT UNIFIED SCHOOL DISTRICT 3086 W MOUNT WHITNEY, RIVERDALE, CA, 93656		S124576545
▲ A1	Target Property 223 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

Impact on Target Property: VEC does not exist

HWTS: Other Ascertainable Records

Name:	RIVERDALE JOINT UNIFIED SCHOOL DISTRICT
Address:	3086 W MOUNT WHITNEY
Address 2:	Not Reported
City,State,Zip:	RIVERDALE, CA 93656
EPA ID:	CAC002568337
Inactive Date:	08/08/2003
Create Date:	07/31/2003
Last Act Date:	Not Reported
Mailing Name:	Not Reported
Mailing Address:	PO BOX 1058
Mailing Address 2:	Not Reported
Mailing City,State,Zip:	RIVERDALE, CA 93656
Owner Name:	UNIFIED SCHOOL DISTRICT
Owner Address:	PO BOX 1058
Owner Address 2:	Not Reported
Owner City,State,Zip:	RIVERDALE, CA 93656
Owner Phone:	Not Reported
Owner Fax:	Not Reported
Contact Name:	ELAINE CASH/SUPERINT
Contact Address:	PO BOX 1058
Contact Address 2:	Not Reported
City,State,Zip:	RIVERDALE, CA 93656
Contact Phone:	Not Reported

RIVERDALE JOINT UNIFIED SCHOOL DISTRICT, 3086 W MOUNT WHITNEY, RIVERDALE, CA 93656 (Continued)

Contact Fax:	Not Reported
Facility Status:	Inactive
Facility Type:	TEMPORARY
Category:	STATE
Latitude:	36.431009
Longitude:	-119.85372

RIVERDALE JOINT UNIFIED SCHOOL DISTRICT (RIVERDALE HIGH SCHO 3086 W. MT WHITNEY, RIVERDALE, CA, 93656		1024799682
▲ A2	Target Property	Other Ascertainable Records
	223 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

RCRA Listings: Other Ascertainable Records

Date Form Received by Agency:	19990721
Handler Name:	Riverdale High School
Handler Address:	3086 W Mt Whitney
Handler City,State,Zip:	RIVERDALE, CA 93656-0000
EPA ID:	CAL000213271
Contact Name:	JEFF PERCELL
Contact Address:	PO BOX 1058
Contact City,State,Zip:	RIVERDALE, CA 93656
Contact Telephone:	559-867-3562
Contact Fax:	000-000-0000
Contact Email:	LNEAL@RJUSD.ORG
Contact Title:	Not Reported
EPA Region:	09
Land Type:	Not Reported
Federal Waste Generator Description:	Not a generator, verified
Non-Notifier:	Not Reported
Biennial Report Cycle:	Not Reported
Accessibility:	Not Reported
Active Site Indicator:	Handler Activities
State District Owner:	Not Reported
State District:	Not Reported
Mailing Address:	PO BOX 1058
Mailing City,State,Zip:	RIVERDALE, CA 93656-0000
Owner Name:	Riverdale Joint Unified
Owner Type:	Other
Operator Name:	Jeff Percell
Operator Type:	Other
Short-Term Generator Activity:	No
Importer Activity:	No
Mixed Waste Generator:	No
Transporter Activity:	No
Transfer Facility Activity:	No

RI (Continued)

Recycler Activity with Storage:	No
Small Quantity On-Site Burner Exemption:	No
Smelting Melting and Refining Furnace Exemption:	No
Underground Injection Control:	No
Off-Site Waste Receipt:	No
Universal Waste Indicator:	Yes
Universal Waste Destination Facility:	Yes
Federal Universal Waste:	No
Active Site State-Reg Handler:	---
Federal Facility Indicator:	Not Reported
Hazardous Secondary Material Indicator:	N
Sub-Part K Indicator:	Not Reported
2018 GPRA Permit Baseline:	Not on the Baseline
2018 GPRA Renewals Baseline:	Not on the Baseline
202 GPRA Corrective Action Baseline:	No
Subject to Corrective Action Universe:	No
Non-TSDFs Where RCRA CA has Been Imposed Universe:	No
Corrective Action Priority Ranking:	No NCAPS ranking
Environmental Control Indicator:	No
Institutional Control Indicator:	No
Human Exposure Controls Indicator:	N/A
Groundwater Controls Indicator:	N/A
Significant Non-Complier Universe:	No
Unaddressed Significant Non-Complier Universe:	No
Addressed Significant Non-Complier Universe:	No
Significant Non-Complier With a Compliance Schedule Universe:	No
Financial Assurance Required:	Not Reported
Handler Date of Last Change:	20180905
Recognized Trader-Importer:	No
Recognized Trader-Exporter:	No
Importer of Spent Lead Acid Batteries:	No
Exporter of Spent Lead Acid Batteries:	No
Recycler Activity Without Storage:	No
Manifest Broker:	No
Sub-Part P Indicator:	No

Handler - Owner Operator:

Owner/Operator Indicator:	Owner
Owner/Operator Name:	RIVERDALE JOINT UNIFIED
Legal Status:	Other
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	3086 W MT WHITNEY

RI (Continued)

Owner/Operator City,State,Zip:	RIVERDALE, CA 93656-0000
Owner/Operator Telephone:	559-867-3562
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported
Owner/Operator Indicator:	Operator
Owner/Operator Name:	JEFF PERCELL
Legal Status:	Other
Date Became Current:	Not Reported
Date Ended Current:	Not Reported
Owner/Operator Address:	PO BOX 1058
Owner/Operator City,State,Zip:	RIVERDALE, CA 93656
Owner/Operator Telephone:	559-867-3562
Owner/Operator Telephone Ext:	Not Reported
Owner/Operator Fax:	Not Reported
Owner/Operator Email:	Not Reported

Historic Generators:

Receive Date:	19990721
Handler Name:	RIVERDALE HIGH SCHOOL
Federal Waste Generator Description:	Not a generator, verified
State District Owner:	Not Reported
Large Quantity Handler of Universal Waste:	No
Recognized Trader Importer:	No
Recognized Trader Exporter:	No
Spent Lead Acid Battery Importer:	No
Spent Lead Acid Battery Exporter:	No
Current Record:	Yes
Non Storage Recycler Activity:	Not Reported
Electronic Manifest Broker:	Not Reported

List of NAICS Codes and Descriptions:

NAICS Code:	61111
NAICS Description:	ELEMENTARY AND SECONDARY SCHOOLS

Facility Has Received Notices of Violations:

Violations:	No Violations Found

Evaluation Action Summary:

Evaluations:	No Evaluations Found

E MANIFEST: Other Ascertainable Records

Manifest Tracking Number:	016504017FLE
Last Updated Date:	20220727
Shipped Date:	20220627
Received Date:	20220705

RI (Continued)

Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000213271
Generator Name:	Riverdale Joint Unified School District (Riverdale High School)
Generator Location Street Number:	Not Reported
Generator Location Street 1:	3086 W. MT WHITNEY
Generator Location Street 2:	Not Reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	3086 W. MT WHITNEY
Generator Mail Street 2:	Not Reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656
Generator Mail State:	CA
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	NVT330010000
Designated Facility Name:	Us Ecology Nevada, Inc.
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	HWY 95 11 MILES S. OF BEATTY
Designated Facility Mail City:	BEATTY
Designated Facility Mail Zip:	89003
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	HWY 95 11 MILES S. OF BEATTY
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	BEATTY
Designated Facility Location Zip:	89003
Designated Facility Location State:	NV
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	016504018FLE
Last Updated Date:	20220816
Shipped Date:	20220627
Received Date:	20220722
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000213271
Generator Name:	Riverdale High School
Generator Location Street Number:	Not Reported
Generator Location Street 1:	3086 W MT WHITNEY
Generator Location Street 2:	Not Reported

RI (Continued)

Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656-0000
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	PO BOX 1058
Generator Mail Street 2:	Not Reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	TXD055135388
Designated Facility Name:	Set Environmental
Designated Facility Mail Street Number:	5738
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	CHESWOOD ST
Designated Facility Mail City:	HOUSTON
Designated Facility Mail Zip:	77087-4002
Designated Facility Mail State:	TX
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	LAT 29.6755, LONG -95.3066
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	HOUSTON
Designated Facility Location Zip:	77087
Designated Facility Location State:	TX
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	016503903FLE
Last Updated Date:	20220617
Shipped Date:	20220606
Received Date:	20220610
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000213271
Generator Name:	Riverdale High School
Generator Location Street Number:	Not Reported
Generator Location Street 1:	3086 W MT WHITNEY
Generator Location Street 2:	Not Reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656-0000
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	PO BOX 1058
Generator Mail Street 2:	Not Reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656-0000

RI (Continued)

Generator Mail State:	CA
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	AZR000520478
Designated Facility Name:	Environmental Waste Solutions, Inc.
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	PO BOX 626
Designated Facility Mail City:	LOMA LINDA
Designated Facility Mail Zip:	92354
Designated Facility Mail State:	CA
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	31915 INDUSTRIAL LANE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	PARKER
Designated Facility Location Zip:	85344
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	016503904FLE
Last Updated Date:	20220708
Shipped Date:	20220606
Received Date:	20220623
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000213271
Generator Name:	Riverdale High School
Generator Location Street Number:	Not Reported
Generator Location Street 1:	3086 W MT WHITNEY
Generator Location Street 2:	Not Reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656-0000
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	PO BOX 1058
Generator Mail Street 2:	Not Reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	NMD002208627
Designated Facility Name:	Advanced Chemical Treatment, Llc
Designated Facility Mail Street Number:	6133
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	EDITH BLVD NE
Designated Facility Mail City:	ALBUQUERQUE

RI (Continued)

Designated Facility Mail Zip:	87107
Designated Facility Mail State:	NM
Designated Facility Location Street Number:	6133
Designated Facility Location Street 1:	EDITH BLVD NE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	ALBUQUERQUE
Designated Facility Location Zip:	87107
Designated Facility Location State:	NM
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	014706119FLE
Last Updated Date:	20200714
Shipped Date:	20200623
Received Date:	20200630
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000213271
Generator Name:	Riverdale High School
Generator Location Street Number:	Not Reported
Generator Location Street 1:	3086 W MT WHITNEY
Generator Location Street 2:	Not Reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656-0000
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	PO BOX 1058
Generator Mail Street 2:	Not Reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	NVT330010000
Designated Facility Name:	Us Ecology Nevada, Inc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	PO BOX 578
Designated Facility Mail City:	BEATTY
Designated Facility Mail Zip:	89003
Designated Facility Mail State:	NV
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	HWY 95 11 MI S OF BEATTY
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	BEATTY
Designated Facility Location Zip:	89003
Designated Facility Location State:	NV

RI (Continued)

Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	014706120FLE
Last Updated Date:	20200727
Shipped Date:	20200623
Received Date:	20200706
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000213271
Generator Name:	Riverdale Joint Unified School District
Generator Location Street Number:	Not Reported
Generator Location Street 1:	3086 W MT WHITNEY
Generator Location Street 2:	Not Reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	3086 W MT WHITNEY
Generator Mail Street 2:	Not Reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656
Generator Mail State:	CA
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	AZR000515924
Designated Facility Name:	Yuma Yes Waste Transfer Facility
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	2730 E 13TH ST
Designated Facility Mail City:	YUMA
Designated Facility Mail Zip:	85365-1901
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	2730 E 13TH ST
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365-1901
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	012794907FLE
Last Updated Date:	20190722
Shipped Date:	20190620
Received Date:	20190627

RI (Continued)

Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000213271
Generator Name:	Riverdale Joint Unified School District
Generator Location Street Number:	Not Reported
Generator Location Street 1:	3086 W MT WHITNEY
Generator Location Street 2:	Not Reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	3086 W MT WHITNEY
Generator Mail Street 2:	Not Reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656
Generator Mail State:	CA
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	AZR000515924
Designated Facility Name:	Yuma Yes Waste Transfer Facility
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	2730 E 13TH ST
Designated Facility Mail City:	YUMA
Designated Facility Mail Zip:	85365-1901
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	2730 E 13TH ST
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365-1901
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	012794914FLE
Last Updated Date:	20200102
Shipped Date:	20190620
Received Date:	20190705
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000213271
Generator Name:	Riverdale High School
Generator Location Street Number:	Not Reported
Generator Location Street 1:	3086 W MT WHITNEY
Generator Location Street 2:	Not Reported

RI (Continued)

Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656-0000
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	PO BOX 1058
Generator Mail Street 2:	Not Reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	NMD002208627
Designated Facility Name:	Advanced Chemical Treatment, Llc
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	6133 EDITH BLVD NE
Designated Facility Mail City:	ALBUQUERQUE
Designated Facility Mail Zip:	87107
Designated Facility Mail State:	NM
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	6133 EDITH BLVD NE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	ALBUQUERQUE
Designated Facility Location Zip:	87107
Designated Facility Location State:	NM
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	012794915FLE
Last Updated Date:	20190722
Shipped Date:	20190620
Received Date:	20190627
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Service
Generator EPA ID:	CAL000213271
Generator Name:	Riverdale Joint Unified School District
Generator Location Street Number:	Not Reported
Generator Location Street 1:	3086 W MT WHITNEY
Generator Location Street 2:	Not Reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	3086 W MT WHITNEY
Generator Mail Street 2:	Not Reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656

RI (Continued)

Generator Mail State:	CA
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	AZR000515924
Designated Facility Name:	Yuma Yes Waste Transfer Facility
Designated Facility Mail Street Number:	Not Reported
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	2730 E 13TH ST
Designated Facility Mail City:	YUMA
Designated Facility Mail Zip:	85365-1901
Designated Facility Mail State:	AZ
Designated Facility Location Street Number:	Not Reported
Designated Facility Location Street 1:	2730 E 13TH ST
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	YUMA
Designated Facility Location Zip:	85365-1901
Designated Facility Location State:	AZ
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N
Manifest Tracking Number:	015885581FLE
Last Updated Date:	20210719
Shipped Date:	20210607
Received Date:	20210624
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000213271
Generator Name:	Riverdale High School
Generator Location Street Number:	Not Reported
Generator Location Street 1:	3086 W MT WHITNEY
Generator Location Street 2:	Not Reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656-0000
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	PO BOX 1058
Generator Mail Street 2:	Not Reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	NMD002208627
Designated Facility Name:	Advanced Chemical Treatment, Llc
Designated Facility Mail Street Number:	6133
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	EDITH BLVD NE
Designated Facility Mail City:	ALBUQUERQUE

RI (Continued)

Designated Facility Mail Zip:	87107
Designated Facility Mail State:	NM
Designated Facility Location Street Number:	6133
Designated Facility Location Street 1:	EDITH BLVD NE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	ALBUQUERQUE
Designated Facility Location Zip:	87107
Designated Facility Location State:	NM
Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Manifest Tracking Number:	018841903FLE
Last Updated Date:	20240624
Shipped Date:	20240528
Received Date:	20240613
Manifest Status:	Signed
Submission Type:	DataImage5Copy
Origin Type:	Web
Generator EPA ID:	CAL000213271
Generator Name:	Riverdale High School
Generator Location Street Number:	Not Reported
Generator Location Street 1:	3086 W MT WHITNEY
Generator Location Street 2:	Not Reported
Generator Location City:	RIVERDALE
Generator Location State:	CA
Generator Location Zip:	93656-0000
Generator Mail Street Number:	Not Reported
Generator Mail Street 1:	PO BOX 1058
Generator Mail Street 2:	Not Reported
Generator Mail City:	RIVERDALE
Generator Mail Zip:	93656-0000
Generator Mail State:	CA
Generator Contact Company Name:	Not Reported
Designated Facility EPA ID:	NMD002208627
Designated Facility Name:	Advanced Chemical Treatment Llc
Designated Facility Mail Street Number:	6133
Designated Facility Mail Street 1:	Not Reported
Designated Facility Mail Street 2:	EDITH BLVD. NE
Designated Facility Mail City:	ALBUQUERQUE
Designated Facility Mail Zip:	87107
Designated Facility Mail State:	NM
Designated Facility Location Street Number:	6133
Designated Facility Location Street 1:	EDITH BLVD. NE
Designated Facility Location Street 2:	Not Reported
Designated Facility Location City:	ALBUQUERQUE
Designated Facility Location Zip:	87107
Designated Facility Location State:	NM

RI (Continued)

Designated Facility Contact Company Name:	Not Reported
Manifest Residue Indicator:	N
Rejection Indicator:	N

Transporter:

Manifest Tracking Number:	017875861FLE
Transporter Line Number:	1
Transporter EPA ID:	CAR000070540
Transporter Name:	Advanced Chemical Transport Inc. Dba Actenviro
Manifest Tracking Number:	017875861FLE
Transporter Line Number:	2
Transporter EPA ID:	CAR000183574
Transporter Name:	Environmental Mngmt Technologies Inc

Waste Line:

Manifest Tracking Number:	017875861FLE
Waste Line Number:	1
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	NORCRA HAZAROUS WASTE SOLID
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	25
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0125
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0125
Waste Quantity, in Kilograms:	11.337875
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	11.337875
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported

RI (Continued)

Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Manifest Tracking Number:	017875861FLE
Waste Line Number:	2
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	NONRCRA HAZARDOUS WASTE SOLID
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	35
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0175
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0175
Waste Quantity, in Kilograms:	15.873026
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	15.873026
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Manifest Tracking Number:	017875861FLE
Waste Line Number:	3
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	NONRCRA HAZARDOUS WASTE LIQUID
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	240
Quantity Unit of Measure Code:	P

RI (Continued)

Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.12
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.12
Waste Quantity, in Kilograms:	108.8436
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	108.8436
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Manifest Tracking Number:	017875861FLE
Waste Line Number:	4
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	NONRCRA HAZARDOUS WASTE LIQUID
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	15
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0075
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0075
Waste Quantity, in Kilograms:	6.802725
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	6.802725
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported

RI (Continued)

Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N
Manifest Tracking Number:	017875861FLE
Waste Line Number:	5
U.S. DOT Hazardous Indicator:	N
U.S. DOT ID Number:	Not Reported
U.S. DOT Description:	Not Reported
Non-Hazardous Waste Description:	NONRCRA HAZARDOUS WASTE LIQUID
Number of Containers:	1
Container Type Code:	DF
Container Type Description:	Fiberboard or plastic drums, barrels, kegs
Waste Quantity:	85
Quantity Unit of Measure Code:	P
Quantity Unit of Measure Description:	Pounds
Waste Quantity, in Tons:	0.0425
Acute Waste Quantity, in Tons:	0
Non-Acute Waste Quantity, in Tons:	0.0425
Waste Quantity, in Kilograms:	38.54878
Acute Waste Quantity, in Kilograms:	0
Non-Acute Waste Quantity, in Kilorgrams:	38.54878
Management Method Code:	H141
Management Method Description:	STORAGE, BULKING AND/OR TRANSFER OFF SITE
Waste Residue Indicator:	N
Quantity Discrepancy Indicator:	N
Waste Type Discrepancy Indicator:	N
Waste Density:	Not Reported
Waste Density Unit of Measure Code:	Not Reported
Waste Density Unit of Measure Description:	Not Reported
Form Code:	Not Reported
Form Code Description:	Not Reported
Source Code:	Not Reported
Source Code Description:	Not Reported
Waste Minimization Code:	Not Reported
Waste Minimization Code Description:	Not Reported
Consent Number:	Not Reported
EPA Waste Indicator:	N

RI (Continued)

The Click here to access 4 additional US EManifest: record(s) in the EDR Site Report. database contains
http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6PuB6DPGPx54uJLeBhqN3F.HDW7ZP7kCGboOAQa9xEVC5FeC4BZk48jZJfWLLTUjeeg53XYOhDWlqskaNJAI74XaFd83.8i3HyFH8EW1Wzkd7NTuZSXC7OwP79QxkweQCZUrCbUbblh9om8ROgXmAf0AQIl7aKqz9FLf6HYOPcwquzH6BeMM3599DS8QPGixGpnv9.VHxN5F5gio4ogA3AK7JhwoLYSIeBKp5f5DhmByqaYONk6a4duqFV4d.8FiHOsB5nV3W7bx7jYlZ5cu5WKD7fWCkIleCcl.8QXsbrpLoG8lOrQv6lZnPK.7uvglBcy04vpbDGFAPr1fGHEa3pRCxChD5W.k4XR0AnRsJfJ3LXDseoPWBBp1hdsiqF0DNniNCN5PF37o.0vwH4rz9BHdWb6U7yxnZj9j50xH7o.WkjuwCcNIAzGwbW6doaKUOHQL8es8Q51xacTT9Epf2P68EtrBVyz9CBYA5m.wFvwYeaPxCe7TvU.GBLOxZALBkwNf6zmwPzyGuhVqBcZW4uSHDajAPFiKGJu73KhKxdiu5KO04cI94RADJP3CLpTpeI9s3BRBhQqiqOriND1L5XDPFWW1.nr7Hvu77TYMWbkJ7IhlZgGnAuzW7SnwkFPGC6wKCvatb7FWoaeXODUqCq7qQAJka4ZZ9J5Z9D.CEDZ9VmMyCTHuBcN0FpZMemfrCorj5ahwB1OlZLcSkdKn3 additional records for this site. Please contact your EDR Account Executive for more information.

RIVERDALE HIGH SCHOOL 3086 W MT WHITNEY, RIVERDALE, CA, 93656		1024663885
▲ A3	Target Property 223 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

Impact on Target Property: VEC does not exist

FINDS: Other Ascertainable Records

Registry ID:	110070452279
Click Here for FRS Facility Detail Report:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110070452279

Environmental Interest/Information System:

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The Click here to access additional FINDS: detail in the EDR Site Report. database contains
http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6PuB6DPGPx54uJLeBhqN3F.HDW7ZP7kCGboOAQa9xEVC5FeC4BZk48jZJfWLLTUjeeg53XYOhDWlqskaNJAI74XaFd83.8i3HyFH8EW1Wzkd7NTuZSXC7OwP79QxkweQCZUrCbUbblh9om8ROgXmAf0AQIl7aKqz9FLf6HYOPcwquzH6BeMM3599DS8QPGixGpnv9.VHxN5F5gio4ogA3AK7JhwoLYSIeBKp5f5DhmByqaYONk6a4duqFV4d.8FiHOsB5nV3W7bx7jYlZ5cu5WKD7fWCkIleCcl.8QXsbrpLoG8lOrQv6lZnPK.7uvglBcy04vpbDGFAPr1fGHEa3pRCxChD5W.k4XR0AnRsJfJ3LXDseoPWBBp1hdsiqF0DNniNCN5PF37o.0vwH4rz9BHdWb6U7yxnZj9j50xH7o.WkjuwCcNIAzGwbW6doaKUOHQL8es8Q51xacTT9Epf2P68EtrBVyz9CBYA5m.wFvwYeaPxCe7TvU.GBLOxZALBkwNf6zmwPzyGuhVqBcZW4uSHDajAPFiKGJu73KhKxdiu5KO04cI94RADJP3CLpTpeI9s3BRBhQqiqOriND1L5XDPFWW1.nr7Hvu77TYMWbkJ7IhlZgGn9uzW7SnwkFPGC6wK9vatb7FWoaeXODUq6q7qQAJka4ZZ9J5ZBD.CEDZ9VmMyCTHuBcN0FpZMemfrCorj8ahwB1OlZLcSkdKn3 additional records for this site. Please contact your EDR Account Executive for more information.

ECHO: Other Ascertainable Records

Envid:	1024663885
Registry ID:	110070452279
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110070452279
Name:	RIVERDALE HIGH SCHOOL
Address:	3086 W MT WHITNEY
City,State,Zip:	RIVERDALE, CA 93656

Envid:	1024663885
Registry ID:	110011552578
DFR URL:	http://echo.epa.gov/detailed-facility-report?fid=110011552578
Name:	RIVERWEST LEVELING INC
Address:	3086 W MT WHITNEY
City,State,Zip:	RIVERDALE, CA 93656

RIVERDALE JUSD HIGH SCHOOL 3086 W MT WHITNEY AVE, RIVERDALE, CA, 93656	S121668600

MAP FINDINGS

▲ A4	Target Property 223 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

Impact on Target Property: VEC does not exist

CIWQS: Other Ascertainable Records

Name:	Riverdale Jusd High School
Address:	3086 W MT WHITNEY AVE
City,State,Zip:	RIVERDALE, CA 93656
Agency:	Riverdale Joint USD
Agency Address:	3160 W Mt Whitney Ave, Riverdale, CA 93656
Place/Project Type:	Construction - Commercial
SIC/NAICS:	Not Reported
Region:	5F
Program:	CONSTW
Regulatory Measure Status:	Terminated
Regulatory Measure Type:	Storm water construction
Order Number:	99-08DW
WDID:	5F10C352741
NPDES Number:	CAS000002
Adoption Date:	Not Reported
Effective Date:	07/28/2008
Termination Date:	06/25/2009
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:	Not Reported
Longitude:	Not Reported

RIVERDALE HIGH SCHOOL
3086 W MOUNT WHITNEY AVE, RIVERDALE, CA, 93656 S121140085

▲ A5	Target Property 223 ft. Above Sea Level	Local Lists of Hazardous waste / Contaminated Sites Other Ascertainable Records

Worksheet:

Impact on Target Property: VEC does not exist

CERS HAZ WASTE: Local Lists of Hazardous waste / Contaminated Sites

Name:	RIVERDALE HIGH SCHOOL
Address:	3086 W MOUNT WHITNEY AVE
City,State,Zip:	RIVERDALE, CA 93656
Site ID:	148334
CERS ID:	10131733

RIVERDALE HIGH SCHOOL, 3086 W MOUNT WHITNEY AVE, RIVERDALE, CA 93656 (Continued)

CERS Description: Hazardous Waste Generator

CUPA FRESNO: Other Ascertainable Records

Name: RIVERDALE HIGH SCHOOL
Address: 3086 W MOUNT WHITNEY AVE
City,State,Zip: RIVERDALE, CA 93656
Region: FRESNO
Cross Street: Not Reported
Facility ID: FA0002115
APM Number: 05313012T
Program Element: AUTO REPAIR/MAINTENANCE MODEL PLAN

Name: RIVERDALE HIGH SCHOOL
Address: 3086 W MOUNT WHITNEY AVE
City,State,Zip: RIVERDALE, CA 93656
Region: FRESNO
Cross Street: Not Reported
Facility ID: FA0002115
APM Number: 05313012T
Program Element: HAZARDOUS WASTE GENERATOR (CESQG)

CERS: Other Ascertainable Records

Name: RIVERDALE HIGH SCHOOL
Address: 3086 W MOUNT WHITNEY AVE
City,State,Zip: RIVERDALE, CA 93656
Site ID: 148334
CERS ID: 10131733
CERS Description: Chemical Storage Facilities

Violations:

Site ID: 148334
Site Name: Riverdale High School
Violation Date: 04-09-2015
Citation: 22 CCR 12 66262.40(a) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.40(a)
Violation Description: Failure to maintain uniform hazardous waste manifest, consolidated manifest, or bills of lading copies for three years.
Violation Notes: Returned to compliance on 06/08/2015.
Violation Division: Fresno County Department of Public Health
Violation Program: HW
Violation Source: CERS,

Site ID: 148334
Site Name: Riverdale High School
Violation Date: 04-09-2015
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a site map with all required content.
Violation Notes: Returned to compliance on 06/08/2015.
Violation Division: Fresno County Department of Public Health
Violation Program: HMRRP
Violation Source: CERS,

RIVERDALE HIGH SCHOOL, 3086 W MOUNT WHITNEY AVE, RIVERDALE, CA 93656 (Continued)

Evaluation:

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-26-2023
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Routine inspection. NO VIOLATIONS NOTED AT TIME OF INSPECTION. Note: Facility stored and handled small amount of paints and compressed gases onsite.
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-31-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-09-2015
Violations Found:	Yes
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HMRRP
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-26-2023
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Routine inspection. NO VIOLATIONS NOTED AT TIME OF INSPECTION. Note: Observed two 55-gallon drums of used oil from a classroom, two buckets of alkaline batteries and universal waste such as lightbulbs onsite. Operator states that they have all their vehicles serviced elsewhere offsite.
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	01-31-2019
Violations Found:	No
Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW
Eval Source:	CERS,

Eval General Type:	Compliance Evaluation Inspection
Eval Date:	04-09-2015
Violations Found:	Yes

RIVERDALE HIGH SCHOOL, 3086 W MOUNT WHITNEY AVE, RIVERDALE, CA 93656 (Continued)

Eval Type:	Routine done by local agency
Eval Notes:	Not Reported
Eval Division:	Fresno County Department of Public Health
Eval Program:	HW
Eval Source:	CERS,

Affiliation:

Affiliation Type Desc:	Operator
Entity Name:	Riverdale Joint Unified School District
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:	(559) 867-8200,
Affiliation Type Desc:	CUPA District
Entity Name:	Fresno County Community Health Department
Entity Title:	Not Reported
Affiliation Address:	1221 Fulton St., 3rd FloorP.O. Box 11867
Affiliation City:	Fresno
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	93775
Affiliation Phone:	(559) 600-3271,
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not Reported
Affiliation Address:	3086 W Mount Whitney Ave
Affiliation City:	Riverdale
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	93656
Affiliation Phone:	,
Affiliation Type Desc:	Document Preparer
Entity Name:	Ron Mansfield-School Safety Solutions, LLC
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,
Affiliation Type Desc:	Identification Signer
Entity Name:	Jeff Percell
Entity Title:	Superintendent
Affiliation Address:	Not Reported

RIVERDALE HIGH SCHOOL, 3086 W MOUNT WHITNEY AVE, RIVERDALE, CA 93656 (Continued)

Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,
Affiliation Type Desc:	Legal Owner
Entity Name:	Riverdale Joint Unified School District
Entity Title:	Not Reported
Affiliation Address:	3160 W Mount Whitney Ave
Affiliation City:	Riverdale
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93656
Affiliation Phone:	(559) 867-8200,
Affiliation Type Desc:	Parent Corporation
Entity Name:	Riverdale High School
Entity Title:	Not Reported
Affiliation Address:	Not Reported
Affiliation City:	Not Reported
Affiliation State:	Not Reported
Affiliation Country:	Not Reported
Affiliation Zip:	Not Reported
Affiliation Phone:	,
Affiliation Type Desc:	Property Owner
Entity Name:	Riverdale Joint Unified School District
Entity Title:	Not Reported
Affiliation Address:	3160 W Mount Whitney Ave
Affiliation City:	Riverdale
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	93656
Affiliation Phone:	(559) 867-3562,
Affiliation Type Desc:	Environmental Contact
Entity Name:	Ron Mansfield - School Safety Solutions, LLC
Entity Title:	Not Reported
Affiliation Address:	4801 Laguna Blvd., Suite 105-PMB 118
Affiliation City:	Elk Grove
Affiliation State:	CA
Affiliation Country:	Not Reported
Affiliation Zip:	95758
Affiliation Phone:	,

RIVERDALE HIGH SCHOOL 3086 W MT WHITNEY, RIVERDALE, CA, 93656		S113108022
▲ A6	Target Property	Other Ascertainable Records
	223 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

HWTS: Other Ascertainable Records

Name:	RIVERDALE HIGH SCHOOL
Address:	3086 W MT WHITNEY
Address 2:	Not Reported
City,State,Zip:	RIVERDALE, CA 93656
EPA ID:	CAL000213271
Inactive Date:	Not Reported
Create Date:	07/21/1999
Last Act Date:	Not Reported
Mailing Name:	Not Reported
Mailing Address:	PO BOX 1058
Mailing Address 2:	Not Reported
Mailing City,State,Zip:	RIVERDALE, CA 936560000
Owner Name:	RIVERDALE JOINT UNIFIED
Owner Address:	3086 W MT WHITNEY
Owner Address 2:	Not Reported
Owner City,State,Zip:	RIVERDALE, CA 936560000
Owner Phone:	Not Reported
Owner Fax:	Not Reported
Contact Name:	JEFF PERCELL
Contact Address:	PO BOX 1058
Contact Address 2:	Not Reported
City,State,Zip:	RIVERDALE, CA 93656
Contact Phone:	Not Reported
Contact Fax:	Not Reported
Facility Status:	Active
Facility Type:	PERMANENT
Category:	STATE
Latitude:	36.431009
Longitude:	-119.85372

NAICS:

EPA ID:	CAL000213271
Create Date:	2002-03-14 16:36:29.000
NAICS Code:	61111
NAICS Description:	Elementary and Secondary Schools
Issued EPA ID Date:	1999-07-21 00:00:00
Inactive Date:	Not Reported
Facility Name:	RIVERDALE HIGH SCHOOL
Facility Address:	3086 W MT WHITNEY
Facility Address 2:	Not Reported
Facility City:	RIVERDALE
Facility County:	Not Reported
Facility State:	CA
Facility Zip:	936560000

HAZNET: Other Ascertainable Records

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Name:	RIVERDALE HIGH SCHOOL
Address:	3086 W MT WHITNEY
Address 2:	Not Reported
City,State,Zip:	RIVERDALE, CA 936560000
Contact:	JEFF PERCELL
Telephone:	5598678200
Mailing Name:	Not Reported
Mailing Address:	PO BOX 1058
Year:	2020
Gepaid:	CAL000213271
TSD EPA ID:	AZR000515924
CA Waste Code:	135 - Unspecified aqueous solution
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0065
Year:	2020
Gepaid:	CAL000213271
TSD EPA ID:	NVT330010000
CA Waste Code:	791 - Liquids with pH <= 2
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.0145
Year:	2020
Gepaid:	CAL000213271
TSD EPA ID:	AZR000515924
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:	0.158
Year:	2020
Gepaid:	CAL000213271
TSD EPA ID:	AZR000515924
CA Waste Code:	291 - Latex waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0655
Year:	2020
Gepaid:	CAL000213271
TSD EPA ID:	AZR000515924
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.013
Year:	2019
Gepaid:	CAL000213271
TSD EPA ID:	NMD002208627
CA Waste Code:	221 - Waste oil and mixed oil
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.14300
Year:	2019
Gepaid:	CAL000213271

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

TSD EPA ID:	AZR000515924
CA Waste Code:	223 - Unspecified oil-containing waste
Disposal Method:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.01200
Year:	2019
Gepaid:	CAL000213271
TSD EPA ID:	AZR000515924
CA Waste Code:	291 - Latex waste
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	1.34250
Year:	2019
Gepaid:	CAL000213271
TSD EPA ID:	AZR000515924
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.03950
Year:	2019
Gepaid:	CAL000213271
TSD EPA ID:	NMD002208627
CA Waste Code:	551 - Laboratory waste chemicals
Disposal Method:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.10350

The Click here to access 55 additional CA HAZNET: record(s) in the EDR Site Report. database contains http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6PuB6DPGPx54uJLeBhqN3F.HDW7ZP7kCGboOAQa9xEVC5FeC4BZk48jZJfWLLTUjeeg53XYOhDWlqskaNJAI74XaFd83.8i3HyFH8EW1Wzkd7NTuZSXC7OwP79QxkweQCZUrCbUbblh9om8ROgXmAf0AQIl7aKqz9FLf6HYOPcwquzH6BeMM3599DS8QPGixGpnv9.VHxN5F5gio4ogA3AK7JhwoLYSIeBKp5f5DhmByqaYONk6a4duqFV4d.8FiHOsB5nV3W7bx7jYlZ5cu5WKD7fWCkIleCcl.8QXsbrpLoG8lOrQv6lZnPK.7uvglBcy04vpbDGFAPr1fGHEa3pRCxChD5W.k4XR0AnRsJfJ3LXDseoPWBBp1hdsiqF0DNniNCN5PF37o.0vwH4rz9BHdWb6U7yxnZj9j50xH7o.WkjuwCcNIAzGwbW6doaKUOHQL8es8Q51xacTT9Epf2P68EtrBVyz9CBYA5m.wFvwYeaPxCe7TvU.GBLOxZALBkwNf6zmwPzyGuhVqBcZW4uSHDajAPFiKGJu73KhKxdiu5KO04cI9VRADJP3CLpTpeI9s4BRBhQqiqOriND1L4XDPFWW1.nr7Hvu76TYMWbkJ7IhlZgGn4uzW7SnwkFPGC6wK3vatb7FWoaeXODUqBq7qQAJka4ZZ9J5Z3D.CEDZ9VmMyCTHu5cN0FpZMemfrCorj5ahwB1OlZLcSkdKn3 additional records for this site. Please contact your EDR Account Executive for more information.

Additional Information:

Year:	2020
EM Manifest ID:	Not Reported
Shipment Date:	6/23/2020
Shipment Date:	6/23/2020
Receipt Date:	6/30/2020
Manifest Number:	014706119FLE
Generator EPA ID:	CAL000213271
Name:	RIVERDALE HIGH SCHOOL
Address:	3086 W MT WHITNEY
Address 2:	Not Reported
City,State,Zip:	RIVERDALE, CA 93656-0000
Telephone:	Not Reported
Contact:	Not Reported
Contact Telephone:	888-785-7225
Contact Email:	LNEAL@RJUSD.ORG
Transporter 1 EPA ID:	CAR000070540
Transporter Name:	ADVANCED CHEMICAL TRANSPORT INC. DBA ACTENVIRO

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Transporter 1 Emergency Number:	Not Reported
Transporter 2 EPA ID:	Not Reported
Transporter Name 2:	Not Reported
Transporter 2 Emergency Number:	Not Reported
TSDF EPA ID:	NVT330010000
TSDF Name:	US ECOLOGY NEVADA, INC
TSDF Address 1:	HWY 95 11 MI S OF BEATTY
TSDF Address 2:	Not Reported
TSDF City,State,Zip:	BEATTY, NV 89003
TSDF Telephone:	Not Reported
TSDFA EPA ID:	Not Reported
Waste Code Description:	791 - Not reported
RCRA Code:	D002
Meth Code:	H039 - Not reported
Quantity Tons:	0.0145
Waste Quantity:	29
Quantity Unit:	P

Year:	2020
EM Manifest ID:	Not Reported
Shipment Date:	6/23/2020
Shipment Date:	6/23/2020
Receipt Date:	7/6/2020
Manifest Number:	014706120FLE
Generator EPA ID:	CAL000213271
Name:	RIVERDALE JOINT UNIFIED SCHOOL DISTRICT
Address:	3086 W MT WHITNEY
Address 2:	Not Reported
City,State,Zip:	RIVERDALE, CA 93656
Telephone:	Not Reported
Contact:	Not Reported
Contact Telephone:	888-756-0930
Contact Email:	Not Reported
Transporter 1 EPA ID:	CAR000070540
Transporter Name:	ADVANCED CHEMICAL TRANSPORT INC. DBA ACTENVIRO
Transporter 1 Emergency Number:	Not Reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	WORLDWIDE RECOVERY SYSTEM INC
Transporter 2 Emergency Number:	Not Reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not Reported
TSDF City,State,Zip:	YUMA, AZ 85365-1901
TSDF Telephone:	Not Reported
TSDFA EPA ID:	Not Reported
Waste Code Description:	135 - Not reported
RCRA Code:	Not Reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.0065

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Waste Quantity:	13
Quantity Unit:	P
Year:	2020
EM Manifest ID:	Not Reported
Shipment Date:	6/23/2020
Shipment Date:	6/23/2020
Receipt Date:	7/6/2020
Manifest Number:	014706120FLE
Generator EPA ID:	CAL000213271
Name:	RIVERDALE JOINT UNIFIED SCHOOL DISTRICT
Address:	3086 W MT WHITNEY
Address 2:	Not Reported
City,State,Zip:	RIVERDALE, CA 93656
Telephone:	Not Reported
Contact:	Not Reported
Contact Telephone:	888-756-0930
Contact Email:	Not Reported
Transporter 1 EPA ID:	CAR000070540
Transporter Name:	ADVANCED CHEMICAL TRANSPORT INC. DBA ACTENVIRO
Transporter 1 Emergency Number:	Not Reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	WORLDWIDE RECOVERY SYSTEM INC
Transporter 2 Emergency Number:	Not Reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not Reported
TSDF City,State,Zip:	YUMA, AZ 85365-1901
TSDF Telephone:	Not Reported
TSDFA EPA ID:	Not Reported
Waste Code Description:	223 - Not reported
RCRA Code:	Not Reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.158
Waste Quantity:	316
Quantity Unit:	P
Year:	2020
EM Manifest ID:	Not Reported
Shipment Date:	6/23/2020
Shipment Date:	6/23/2020
Receipt Date:	7/6/2020
Manifest Number:	014706120FLE
Generator EPA ID:	CAL000213271
Name:	RIVERDALE JOINT UNIFIED SCHOOL DISTRICT
Address:	3086 W MT WHITNEY
Address 2:	Not Reported
City,State,Zip:	RIVERDALE, CA 93656
Telephone:	Not Reported
Contact:	Not Reported

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Contact Telephone:	888-756-0930
Contact Email:	Not Reported
Transporter 1 EPA ID:	CAR000070540
Transporter Name:	ADVANCED CHEMICAL TRANSPORT INC. DBA ACTENVIRO
Transporter 1 Emergency Number:	Not Reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	WORLDWIDE RECOVERY SYSTEM INC
Transporter 2 Emergency Number:	Not Reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not Reported
TSDF City,State,Zip:	YUMA, AZ 85365-1901
TSDF Telephone:	Not Reported
TSDFA EPA ID:	Not Reported
Waste Code Description:	291 - Not reported
RCRA Code:	Not Reported
Meth Code:	H141 - Not reported
Quantity Tons:	0.0655
Waste Quantity:	131
Quantity Unit:	P

Year:	2020
EM Manifest ID:	Not Reported
Shipment Date:	6/23/2020
Shipment Date:	6/23/2020
Receipt Date:	7/6/2020
Manifest Number:	014706120FLE
Generator EPA ID:	CAL000213271
Name:	RIVERDALE JOINT UNIFIED SCHOOL DISTRICT
Address:	3086 W MT WHITNEY
Address 2:	Not Reported
City,State,Zip:	RIVERDALE, CA 93656
Telephone:	Not Reported
Contact:	Not Reported
Contact Telephone:	888-756-0930
Contact Email:	Not Reported
Transporter 1 EPA ID:	CAR000070540
Transporter Name:	ADVANCED CHEMICAL TRANSPORT INC. DBA ACTENVIRO
Transporter 1 Emergency Number:	Not Reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	WORLDWIDE RECOVERY SYSTEM INC
Transporter 2 Emergency Number:	Not Reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not Reported
TSDF City,State,Zip:	YUMA, AZ 85365-1901
TSDF Telephone:	Not Reported
TSDFA EPA ID:	Not Reported

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Waste Code Description:	223 - Not reported
RCRA Code:	Not Reported
Meth Code:	H039 - Not reported
Quantity Tons:	0.013
Waste Quantity:	26
Quantity Unit:	P

Additional Information:

Year:	2019
EM Manifest ID:	439249
Shipment Date:	6/20/2019
Shipment Date:	6/20/2019
Receipt Date:	6/27/2019
Manifest Number:	012794915FLE
Generator EPA ID:	CAL000213271
Name:	RIVERDALE JOINT UNIFIED SCHOOL DISTRICT
Address:	3086 W MT WHITNEY
Address 2:	Not Reported
City,State,Zip:	RIVERDALE 93656
Telephone:	888-785-7225
Contact:	Not Reported
Contact Telephone:	888-756-0930
Contact Email:	Not Reported
Transporter 1 EPA ID:	CAR000070540
Transporter Name:	Not Reported
Transporter 1 Emergency Number:	Not Reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not Reported
Transporter 2 Emergency Number:	Not Reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not Reported
TSDF City,State,Zip:	YUMA 85365-1901
TSDF Telephone:	Not Reported
TSDFA EPA ID:	Not Reported
Waste Code Description:	- Not reported
RCRA Code:	Not Reported
Meth Code:	- Not reported
Quantity Tons:	Not Reported
Waste Quantity:	Not Reported
Quantity Unit:	Not Reported

State:

Year:	2019
EM Manifest ID:	439249
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794915FLE

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Line Number:	1
Method Code:	H141
Quantity Tons:	0.00850
Quantity Waste:	17.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	343
Year:	2019
EM Manifest ID:	439249
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794915FLE
Line Number:	2
Method Code:	H039
Quantity Tons:	0.01200
Quantity Waste:	24.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	223
Year:	2019
EM Manifest ID:	439249
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794915FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.03950
Quantity Waste:	79.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551
Year:	2019
EM Manifest ID:	439249
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794915FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.07350
Quantity Waste:	147.000000
Quantity Unit:	P
Number of Containers:	2

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	352

Year:	2019
EM Manifest ID:	850365
Shipment Date:	6/20/2019
Shipment Date:	6/20/2019
Receipt Date:	7/5/2019
Manifest Number:	012794914FLE
Generator EPA ID:	CAL000213271
Name:	RIVERDALE HIGH SCHOOL
Address:	3086 W MT WHITNEY
Address 2:	Not Reported
City,State,Zip:	RIVERDALE 93656-0000
Telephone:	888-785-7225
Contact:	Not Reported
Contact Telephone:	559-867-3562
Contact Email:	Not Reported
Transporter 1 EPA ID:	CAR000070540
Transporter Name:	Not Reported
Transporter 1 Emergency Number:	Not Reported
Transporter 2 EPA ID:	CAR000154740
Transporter Name 2:	Not Reported
Transporter 2 Emergency Number:	Not Reported
TSDF EPA ID:	NMD002208627
TSDF Name:	ADVANCED CHEMICAL TREATMENT, LLC
TSDF Address 1:	6133 EDITH BLVD NE
TSDF Address 2:	Not Reported
TSDF City,State,Zip:	ALBUQUERQUE 87107
TSDF Telephone:	Not Reported
TSDFA EPA ID:	Not Reported
Waste Code Description:	- Not reported
RCRA Code:	Not Reported
Meth Code:	- Not reported
Quantity Tons:	Not Reported
Waste Quantity:	Not Reported
Quantity Unit:	Not Reported

Federal:

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.01900
Quantity Waste:	38.000000
Quantity Unit:	P

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.01900
Quantity Waste:	38.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	U154
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.01150
Quantity Waste:	23.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.01150
Quantity Waste:	23.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D011
Year:	2019
EM Manifest ID:	850365

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.01350
Quantity Waste:	27.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	5
Method Code:	H141
Quantity Tons:	0.01450
Quantity Waste:	29.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	7
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	8
Method Code:	H141
Quantity Tons:	0.00350

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	9
Method Code:	H141
Quantity Tons:	0.00300
Quantity Waste:	6.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	10
Method Code:	H141
Quantity Tons:	0.01000
Quantity Waste:	20.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	10
Method Code:	H141
Quantity Tons:	0.01000
Quantity Waste:	20.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D002

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	11
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	12
Method Code:	H141
Quantity Tons:	0.01350
Quantity Waste:	27.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D005

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	12
Method Code:	H141
Quantity Tons:	0.01350
Quantity Waste:	27.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D007

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	12

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Method Code:	H141
Quantity Tons:	0.01350
Quantity Waste:	27.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D011
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	13
Method Code:	H141
Quantity Tons:	0.00400
Quantity Waste:	8.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	13
Method Code:	H141
Quantity Tons:	0.00400
Quantity Waste:	8.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D003
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	14
Method Code:	H141
Quantity Tons:	0.00400
Quantity Waste:	8.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Quantity Type:	Pounds
Federal Code:	D001
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	14
Method Code:	H141
Quantity Tons:	0.00400
Quantity Waste:	8.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
Federal Code:	D003

State:

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	1
Method Code:	H141
Quantity Tons:	0.14300
Quantity Waste:	286.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	221
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.01900
Quantity Waste:	38.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551
Year:	2019
EM Manifest ID:	850365

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.01150
Quantity Waste:	23.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	4
Method Code:	H141
Quantity Tons:	0.01350
Quantity Waste:	27.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	5
Method Code:	H141
Quantity Tons:	0.01450
Quantity Waste:	29.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	7
Method Code:	H141
Quantity Tons:	0.00350

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	8
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	9
Method Code:	H141
Quantity Tons:	0.00300
Quantity Waste:	6.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551
Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	10
Method Code:	H141
Quantity Tons:	0.01000
Quantity Waste:	20.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	11
Method Code:	H141
Quantity Tons:	0.00350
Quantity Waste:	7.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	12
Method Code:	H141
Quantity Tons:	0.01350
Quantity Waste:	27.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	13
Method Code:	H141
Quantity Tons:	0.00400
Quantity Waste:	8.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551

Year:	2019
EM Manifest ID:	850365
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794914FLE
Line Number:	14

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Method Code:	H141
Quantity Tons:	0.00400
Quantity Waste:	8.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiberboard or plastic drums, barrels, kegs
Quantity Type:	Pounds
State Code:	551

Year:	2019
EM Manifest ID:	439247
Shipment Date:	6/20/2019
Shipment Date:	6/20/2019
Receipt Date:	6/27/2019
Manifest Number:	012794907FLE
Generator EPA ID:	CAL000213271
Name:	RIVERDALE JOINT UNIFIED SCHOOL DISTRICT
Address:	3086 W MT WHITNEY
Address 2:	Not Reported
City,State,Zip:	RIVERDALE 93656
Telephone:	888-785-7225
Contact:	Not Reported
Contact Telephone:	888-758-0930
Contact Email:	Not Reported
Transporter 1 EPA ID:	CAR000070540
Transporter Name:	Not Reported
Transporter 1 Emergency Number:	Not Reported
Transporter 2 EPA ID:	CAR000175422
Transporter Name 2:	Not Reported
Transporter 2 Emergency Number:	Not Reported
TSDF EPA ID:	AZR000515924
TSDF Name:	YUMA YES WASTE TRANSFER FACILITY
TSDF Address 1:	2730 E 13TH ST
TSDF Address 2:	Not Reported
TSDF City,State,Zip:	YUMA 85365-1901
TSDF Telephone:	Not Reported
TSDFA EPA ID:	Not Reported
Waste Code Description:	- Not reported
RCRA Code:	Not Reported
Meth Code:	- Not reported
Quantity Tons:	Not Reported
Waste Quantity:	Not Reported
Quantity Unit:	Not Reported

State:

Year:	2019
EM Manifest ID:	439247
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794907FLE

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Line Number:	1
Method Code:	H141
Quantity Tons:	0.18750
Quantity Waste:	375.000000
Quantity Unit:	P
Number of Containers:	1
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	291
Year:	2019
EM Manifest ID:	439247
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794907FLE
Line Number:	2
Method Code:	H141
Quantity Tons:	0.48000
Quantity Waste:	960.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Metal drums, barrels, kegs
Quantity Type:	Pounds
State Code:	291
Year:	2019
EM Manifest ID:	439247
Generator EPA ID:	CAL000213271
Shipment Date:	2019-06-20
Manifest Number:	012794907FLE
Line Number:	3
Method Code:	H141
Quantity Tons:	0.67500
Quantity Waste:	1350.000000
Quantity Unit:	P
Number of Containers:	2
Type of Container:	Fiber or plastic boxes, cartons, cases
Quantity Type:	Pounds
State Code:	291

Additional Information:

Year:	2017
Gen EPA ID:	CAL000213271
Shipment Date:	20170622
Creation Date:	5/17/2018 18:31:20
Receipt Date:	20170712
Manifest ID:	000171889DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Trans 2 EPA ID:	NED986382133
Trans 2 Name:	SMITH SYSTEMS TRANSPORTATION
TSDF EPA ID:	CAD980884183
Trans Name:	GEM RANCHO CORDOVA LLC DBA PSC ENVIRONMENTAL SERVICES
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0375
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

Additional Information:

Year:	2016
Gen EPA ID:	CAL000213271
Shipment Date:	20150827
Creation Date:	3/22/2016 22:15:24
Receipt Date:	20150910
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	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:	20150827
Creation Date:	3/22/2016 22:15:24
Receipt Date:	20150910
Manifest ID:	000123769DAT

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.008
Waste Quantity:	16
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:	20150827
Creation Date:	3/22/2016 22:15:24
Receipt Date:	20150910
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20150827
Creation Date:	3/22/2016 22:15:24
Receipt Date:	20150910
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
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:	20150827
Creation Date:	2/5/2016 22:15:10
Receipt Date:	20150910
Manifest ID:	000123770DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	LD TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0435
Waste Quantity:	87
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:	20150827
Creation Date:	2/5/2016 22:15:10
Receipt Date:	20150910
Manifest ID:	000123770DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	LD TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0935
Waste Quantity:	187
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:	20150827
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000123770DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	LD TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
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:	20150827
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20150827
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.011
Waste Quantity:	22
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:	20150827
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0065

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Waste Quantity:	13
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 Information:

Year:	2015
Gen EPA ID:	CAL000213271
Shipment Date:	20150827
Creation Date:	3/22/2016 22:15:24
Receipt Date:	20150910
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	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:	20150827
Creation Date:	3/22/2016 22:15:24
Receipt Date:	20150910
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.008
Waste Quantity:	16
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:	20150827
Creation Date:	3/22/2016 22:15:24
Receipt Date:	20150910
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20150827
Creation Date:	3/22/2016 22:15:24
Receipt Date:	20150910
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

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:	20150827
Creation Date:	2/5/2016 22:15:10
Receipt Date:	20150910
Manifest ID:	000123770DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	LD TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0435
Waste Quantity:	87
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:	20150827
Creation Date:	2/5/2016 22:15:10
Receipt Date:	20150910
Manifest ID:	000123770DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	LD TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0935
Waste Quantity:	187
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20150827
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000123770DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	LD TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0135
Waste Quantity:	27
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:	20150827
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Shipment Date:	20150827
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.011
Waste Quantity:	22
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:	20150827
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000123769DAT
Trans EPA ID:	MNS000110924
Trans Name:	STERICYCLE SPECIALTY WASTE SOLUTIONS INC
Trans 2 EPA ID:	CAR000183152
Trans 2 Name:	L D TRANSPORTATION LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0065
Waste Quantity:	13
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 Information:

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Year:	2014
Gen EPA ID:	CAL000213271
Shipment Date:	20140923
Creation Date:	2/13/2015 22:15:17
Receipt Date:	20140929
Manifest ID:	000101772DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	NVD980895338
Trans 2 Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NV LLC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.3
Waste Quantity:	600
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20140812
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000102043DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.04
Waste Quantity:	80
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Shipment Date:	20140812
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000102043DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

Shipment Date:	20140812
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000102043DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

Shipment Date:	20140812
Creation Date:	Not Reported
Receipt Date:	Not Reported

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Manifest ID:	000102043DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D011
Meth Code:	H071 - Chemical Reduction With Or Without Precipitation
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	D007
Additional Code 3:	D001
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

Shipment Date:	20140812
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000102043DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0035
Waste Quantity:	7
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:	20140812
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000102043DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20140812
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000102043DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D008
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.045
Waste Quantity:	90
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:	20140812
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000102044DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	NVD980895338

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	135 - Unspecified aqueous solution
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.2
Waste Quantity:	400
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:	20140812
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000102044DAT
Trans EPA ID:	CAR000210617
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF CALIFORNIA LP
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	513 - Empty containers less than 30 gallons
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.06
Waste Quantity:	120
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 Information:

Year:	2011
Gen EPA ID:	CAL000213271
Shipment Date:	20110621
Creation Date:	8/26/2011 18:30:30
Receipt Date:	20110628
Manifest ID:	000444450VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20110621
Creation Date:	8/26/2011 18:30:30
Receipt Date:	20110628
Manifest ID:	000444450VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not Reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
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:	20110621
Creation Date:	6/24/2012 20:30:07
Receipt Date:	20110629
Manifest ID:	000444451VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20110621
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000444451VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006
Waste Quantity:	12
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:	20110621
Creation Date:	6/24/2012 20:30:07
Receipt Date:	20110629
Manifest ID:	000444451VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D005
Additional Code 2:	D001
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20110621
Creation Date:	6/24/2012 20:30:07
Receipt Date:	20110629
Manifest ID:	000444451VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.01
Waste Quantity:	20
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20110621
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000444451VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D011
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.006

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Waste Quantity:	12
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:	20110621
Creation Date:	6/24/2012 20:30:07
Receipt Date:	20110629
Manifest ID:	000444451VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD982523433
Trans 2 Name:	DILLARD ENVIRONMENTAL SERVICES
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.015
Waste Quantity:	30
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

Additional Information:

Year:	2010
Gen EPA ID:	CAL000213271
Shipment Date:	20100621
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	005520631JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	000179382
Trans 2 Name:	ENV ENVIROMENTAL
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not Reported

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
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:	20100621
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	005520631JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	000179382
Trans 2 Name:	ENV ENVIROMENTAL
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20100621
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	005520631JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	000179382
Trans 2 Name:	ENV ENVIROMENTAL
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

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:	20100621
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	005520631JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	000179382
Trans 2 Name:	ENV ENVIROMENTAL
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.17931
Waste Quantity:	43
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:	20100621
Creation Date:	8/30/2010 18:30:46
Receipt Date:	20100624
Manifest ID:	005520509JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.068
Waste Quantity:	20
Quantity Unit:	G
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20100621
Creation Date:	1/19/2011 18:30:07
Receipt Date:	20100628
Manifest ID:	005520631JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	000179382
Trans 2 Name:	ENV ENVIROMENTAL
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	Not Reported
Meth Code:	H121 - Neutralization Only
Quantity Tons:	0.00417
Waste Quantity:	1
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:	20100621
Creation Date:	8/30/2010 18:30:46
Receipt Date:	20100624
Manifest ID:	005520509JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	Not Reported
Trans 2 Name:	Not Reported
TSDF EPA ID:	CAD980887418
Trans Name:	EVERGREEN OIL INC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	181 - Other inorganic solid waste Organics
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.02
Waste Quantity:	40
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

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Shipment Date:	20100621
Creation Date:	1/19/2011 18:30:07
Receipt Date:	20100628
Manifest ID:	005520631JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	000179382
Trans 2 Name:	ENV ENVIROMENTAL
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D001
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

Shipment Date:	20100621
Creation Date:	1/19/2011 18:30:07
Receipt Date:	20100628
Manifest ID:	005520631JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	000179382
Trans 2 Name:	ENV ENVIROMENTAL
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

Shipment Date:	20100621
Creation Date:	1/19/2011 18:30:07

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Receipt Date:	20100628
Manifest ID:	005520631JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
Trans 2 EPA ID:	000179382
Trans 2 Name:	ENV ENVIROMENTAL
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY ENVIRONMENTAL MANAGEMENT OF NEVADA LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D011
Meth Code:	H071 - Chemical Reduction With Or Without Precipitation
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D008
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

Additional Information:

Year:	2009
Gen EPA ID:	CAL000213271
Shipment Date:	20090617
Creation Date:	7/31/2009 18:30:28
Receipt Date:	20090625
Manifest ID:	000254889VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	213 - Hydrocarbon solvents (benzene, hexane, Stoddard, etc.
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Shipment Date:	20090617
Creation Date:	7/31/2009 18:30:28
Receipt Date:	20090625
Manifest ID:	000254889VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	D001
Meth Code:	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:	20090617
Creation Date:	7/31/2009 18:30:28
Receipt Date:	20090625
Manifest ID:	000254889VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	F005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	F003
Additional Code 2:	D035
Additional Code 3:	D001
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported

Shipment Date:	20090617
Creation Date:	7/31/2009 18:30:28
Receipt Date:	20090625

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Manifest ID:	000254889VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	791 - Liquids with pH < 2 792 Liquids with pH < 2 with metals
RCRA Code:	D005
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.005
Waste Quantity:	10
Quantity Unit:	P
Additional Code 1:	D002
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20090617
Creation Date:	8/3/2009 18:30:08
Receipt Date:	20090624
Manifest ID:	000254890VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAT080014079
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	133 - Aqueous solution with 10% or more total organic residues
RCRA Code:	D001
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0225
Waste Quantity:	45
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:	20090617
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000254889VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	331 - Off-specification, aged, or surplus organics
RCRA Code:	Not Reported
Meth Code:	H039 - Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
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:	20090617
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000254889VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	122 - Alkaline solution without metals (pH > 12.5
RCRA Code:	D002
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0025
Waste Quantity:	5
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20090617
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000254889VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	141 - Off-specification, aged, or surplus inorganics
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0175
Waste Quantity:	35
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20090617
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000254889VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not Reported
Meth Code:	H061 - Fuel Blending Prior To Energy Recovery At Another Site
Quantity Tons:	0.1
Waste Quantity:	200
Quantity Unit:	P
Additional Code 1:	Not Reported
Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20090617
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	000254889VES
Trans EPA ID:	NJD080631369
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS
Trans 2 EPA ID:	CAD004778742
Trans 2 Name:	STURGEON AND SON INC
TSDF EPA ID:	CAD008302903
Trans Name:	VEOLIA ES TECHNICAL SOLUTIONS LLC
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Waste Code Description:	223 - Unspecified oil-containing waste
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.075
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

Additional Information:

Year:	2008
Gen EPA ID:	CAL000213271
Shipment Date:	20080616
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	003895090JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.136
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:	20080616
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	003895090JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	221 - Waste oil and mixed oil
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.418
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:	20080616
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	003895090JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.18
Waste Quantity:	360
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:	20080616
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	003895090JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	223 - Unspecified oil-containing waste

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.22
Waste Quantity:	440
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:	20080616
Creation Date:	11/12/2008 18:30:19
Receipt Date:	20080624
Manifest ID:	003895090JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D009
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.001
Waste Quantity:	2
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:	20080616
Creation Date:	11/12/2008 18:30:19
Receipt Date:	20080624
Manifest ID:	003895090JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	- Not reported
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	Not Reported

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Waste Quantity:	Not Reported
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:	20080616
Creation Date:	11/12/2008 18:30:19
Receipt Date:	20080624
Manifest ID:	003895090JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	343 - Unspecified organic liquid mixture
RCRA Code:	D001
Meth Code:	- Not reported
Quantity Tons:	0.068
Waste Quantity:	20
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:	20080616
Creation Date:	11/12/2008 18:30:19
Receipt Date:	20080624
Manifest ID:	003895090JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	551 - Laboratory waste chemicals 561 Detergent and soap
RCRA Code:	D003
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.0005
Waste Quantity:	1
Quantity Unit:	P
Additional Code 1:	D001

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Additional Code 2:	Not Reported
Additional Code 3:	Not Reported
Additional Code 4:	Not Reported
Additional Code 5:	Not Reported
Shipment Date:	20080616
Creation Date:	Not Reported
Receipt Date:	Not Reported
Manifest ID:	003895090JJK
Trans EPA ID:	CAR000164012
Trans Name:	21ST CENTURY EMI
Trans 2 EPA ID:	UTR000007708
Trans 2 Name:	SLT EXPRESS WAY INC
TSDF EPA ID:	NVD980895338
Trans Name:	21ST CENTURY EMI
TSDF Alt EPA ID:	Not Reported
TSDF Alt Name:	Not Reported
Waste Code Description:	352 - Other organic solids
RCRA Code:	Not Reported
Meth Code:	H141 - Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Quantity Tons:	0.08
Waste Quantity:	160
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

RIVERDALE HIGH SCHOOL 3086 W MT WHITNEY, RIVERDALE, CA, 93656		1001613524
▲ A7	Target Property 223 ft. Above Sea Level	Local Lists of Registered Storage Tanks

Worksheet:

Impact on Target Property: VEC does not exist

SWEEPS UST: Local Lists of Registered Storage Tanks

Name:	RIVERDALE HIGH SCHOOL
Address:	3086 W MT WHITNEY
City:	RIVERDALE
Status:	Active
Comp Number:	358
Number:	4
Board Of Equalization:	44-003347
Referral Date:	06-08-89
Action Date:	06-08-89
Created Date:	06-08-89

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Owner Tank Id:	Not Reported
SWRCB Tank Id:	10-000-000358-000001
Tank Status:	A
Capacity:	10000
Active Date:	06-08-89
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	3
Name:	RIVERDALE HIGH SCHOOL
Address:	3086 W MT WHITNEY
City:	RIVERDALE
Status:	Active
Comp Number:	358
Number:	4
Board Of Equalization:	44-003347
Referral Date:	06-08-89
Action Date:	06-08-89
Created Date:	06-08-89
Owner Tank Id:	Not Reported
SWRCB Tank Id:	10-000-000358-000002
Tank Status:	A
Capacity:	1000
Active Date:	06-08-89
Tank Use:	M.V. FUEL
STG:	P
Content:	GASOLINE
Number Of Tanks:	Not Reported
Name:	RIVERDALE HIGH SCHOOL
Address:	3086 W MT WHITNEY
City:	RIVERDALE
Status:	Active
Comp Number:	358
Number:	4
Board Of Equalization:	44-003347
Referral Date:	06-08-89
Action Date:	06-08-89
Created Date:	06-08-89
Owner Tank Id:	Not Reported
SWRCB Tank Id:	10-000-000358-000003
Tank Status:	A
Capacity:	10000
Active Date:	06-08-89
Tank Use:	M.V. FUEL
STG:	P
Content:	GASOLINE
Number Of Tanks:	Not Reported

CA FID UST: Local Lists of Registered Storage Tanks

RIVERDALE HIGH SCHOOL, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

Facility ID:	10000693
Regulated By:	UTNKA
Regulated ID:	Not Reported
Cortese Code:	Not Reported
SIC Code:	Not Reported
Facility Phone:	Not Reported
Mail To:	Not Reported
Mailing Address:	3086 W MT WHITNEY
Mailing Address 2:	Not Reported
Mailing City,St,Zip:	RIVERDALE 93656
Contact:	Not Reported
Contact Phone:	Not Reported
DUNs Number:	Not Reported
NPDES Number:	Not Reported
EPA ID:	Not Reported
Comments:	Not Reported
Status:	Active

RIVERDALE JOINT UNION HIGH SCHOOL 3086 W MT WHITNEY, RIVERDALE, CA, 93656		1010009123
▲ A8	Target Property 223 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

Impact on Target Property: VEC does not exist

FTTS INSP: Other Ascertainable Records

Inspection Number:	19890320R0906 1
Region:	09
Inspection Date:	03/20/89
Inspector:	WOODBECK
Violation occurred:	Yes
Investigation Type:	AHERA, Enforcement, SEE Conducted
Investigation Reason:	For Cause, Private Citizen/Press Complaint
Legislation Code:	TSCA
Facility Function:	User

RIVERWEST LEVELING INC 3086 W MT WHITNEY, RIVERDALE, CA, 93656		1004442577
▲ A9	Target Property 223 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

Impact on Target Property: VEC does not exist

RIVERWEST LEVELING INC, 3086 W MT WHITNEY, RIVERDALE, CA 93656 (Continued)

FINDS: Other Ascertainable Records

Registry ID:	110011552578
Click Here for FRS Facility Detail Report:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110011552578

Environmental Interest/Information System:

The National Compliance Database (NCDB) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA).

The Resource Conservation and Recovery Act Information System (RCRAInfo) is EPA's comprehensive information system in support of the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. It tracks many types of information about generators, transporters, treaters, storers, and disposers of hazardous waste.

The Click here to access additional FINDS: detail in the EDR Site Report. database contains
http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6PuB6DPGPx54uJLeBhqN3F.HDW7ZP7kCGboOAQa9xEVC5FeC4BZk48jZJfWLLTUjeeg53XYOhDWlqskaNJAI74XaFd83.8i3HyFH8EW1Wzkd7NTuZSXC7OwP79QxkweQCZUrCbUbblh9om8ROgXmAf0AQIl7aKqz9FLf6HYOPcwquzH6BeMM3599DS8QPGixGpnv9.VHxN5F5gio4ogA3AK7JhwoLYSIeBKp5f5DhmByqaYONk6a4duqFV4d.8FiHOsB5nV3W7bx7jYlZ5cu5WKD7fWCkIleCcl.8QXsbrpLoG8lOrQv6lZnPK.7uvglBcy04vpbDGFAPr1fGHEa3pRCxChD5W.k4XR0AnRsJfJ3LXDseoPWBBp1hdsiqF0DNniNCN5PF37o.0vwH4rz9BHdWb6U7yxnZj9j50xH7o.WkjuwCcNIAzGwbW6doaKUOHQL8es8Q51xacTT9Epf2P68EtrBVyz9CBYA5m.wFvwYeaPxCe7TvU.GBLOxZALBkwNf6zmwPzyGuhVqBcZW4uSHDajAPFiKGJu73KhKxdiu5KO04cI94RADJP3CLpTpeI9s3BRBhQqiqOriND1L3XDPFWW1.nr7Hvu77TYMWbkJ7IhlZgGn7uzW7SnwkFPGC6wK7vatb7FWoaeXODUq5q7qQAJka4ZZ9J5Z8D.CEDZ9VmMyCTHuAcN0FpZMemfrCorjAahwB1OlZLcSkdKn3 additional records for this site. Please contact your EDR Account Executive for more information.

RIVERDALE HIGH SCHOOL 3086 W MOUNT WHITNEY AVE, RIVERDALE, CA, 93656		1023315010
▲ A10	Target Property 223 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

Impact on Target Property: VEC does not exist

FINDS: Other Ascertainable Records

Registry ID:	110066081162
Click Here for FRS Facility Detail Report:	https://ofmpub.epa.gov/frs_public2/fii_query_detail.disp_program_facility?p_registry_id=110066081162

Environmental Interest/Information System:

The California Environmental Protection Agency (CalEPA) has recently implemented a new data warehouse system (nSite). This data warehouse combines and merges facility and site information from five different systems managed within CalEPA. The five systems are: California Environmental Reporting System (CERS),EnviroStor, GeoTracker, California Integrated Water Quality System (CIWQS), andToxic Release Inventory (TRI).

The Click here to access additional FINDS: detail in the EDR Site Report. database contains
http://www.edrnet.com/srf2/FinalSiteReport.aspx?ID=6PuB6DPGPx54uJLeBhqN3F.HDW7ZP7kCGboOAQa9xEVC5FeC4BZk48jZJfWLLTUjeeg53XYOhDWlqskaNJAI74XaFd83.8i3HyFH8EW1Wzkd7NTuZSXC7OwP79QxkweQCZUrCbUbblh9om8ROgXmAf0AQIl7aKqz9FLf6HYOPcwquzH6BeMM3599DS8QPGixGpnv9.VHxN5F5gio4ogA3AK7JhwoLYSIeBKp5f5DhmByqaYONk6a4duqFV4d.8FiHOsB5nV3W7bx7jYlZ5cu5WKD7fWCkIleCcl.8QXsbrpLoG8lOrQv6lZnPK.7uvglBcy04vpbDGFAPr1fGHEa3pRCxChD5W.k4XR0AnRsJfJ3LXDseoPWBBp1hdsiqF0DNniNCN5PF37o.0vwH4rz9BHdWb6U7yxnZj9j50xH7o.WkjuwCcNIAzGwbW6doaKUOHQL8es8Q51xacTT9Epf2P68EtrBVyz9CBYA5m.wFvwYeaPxCe7TvU.GBLOxZALBkwNf6zmwPzyGuhVqBcZW4uSHDajAPFiKGJu73KhKxdiu5KO04cI94RADJP3CLpTpeI9s3BRBhQqiqOriND1L5XDPFWW1.nr7Hvu76TYMWbkJ7IhlZgGn6uzW7SnwkFPGC6wK4vatb7FWoaeXODUq8q7qQAJka4ZZ9J5Z3D.CEDZ9VmMyCTHu4cN0FpZMemfrCorj3ahwB1OlZLcSkdKn3 additional records for this site. Please contact your EDR Account Executive for more information.

RIVERDALE JOINT UNION HIGH SCHOOL 3086 W MT WHITNEY, RIVERDALE, CA, 93656		1008188328
▲ A11	Target Property 223 ft. Above Sea Level	Other Ascertainable Records

Worksheet:

Impact on Target Property: VEC does not exist

HIST FTTS INSP: Other Ascertainable Records

Inspection Number:	19890320R0906 1
Region:	09
Inspection Date:	Not Reported
Inspector:	WOODBECK
Violation occurred:	Yes
Investigation Type:	AHERA, Enforcement, SEE Conducted
Investigation Reason:	For Cause, Private Citizen/Press Complaint
Legislation Code:	TSCA
Facility Function:	User

HAZEL AVENUE ELEMENTARY SCHOOL NORTHWEST OF HAZEL AVENUE, RIVERDALE, CA, 93656		S107736434	
◆ 12	NW <1/10	(42 ft. / 0.008 mi.)	Lists of state- and tribal hazardous waste facilities Local Lists of Hazardous waste / Contaminated Sites
	1 ft. Lower Elevation	222 ft. Above Sea Level	

Worksheet:

Impact on Target Property: VEC does not exist

ENVIROSTOR: Lists of state- and tribal hazardous waste facilities

Name:	HAZEL AVENUE ELEMENTARY SCHOOL
Address:	NORTHWEST OF HAZEL AVENUE
City,State,Zip:	RIVERDALE, CA 93656
Facility ID:	70000114
Status:	No Further Action
Status Date:	07/30/2007
Site Code:	104512
Site Type:	School Investigation
Site Type Detailed:	School
Acres:	20
NPL:	NO
Regulatory Agencies:	SMBRP
Lead Agency:	SMBRP
Program Manager:	Not Reported
Supervisor:	* Mark Malinowski
Division Branch:	Santa Susana Field Laboratory Branch
Assembly:	31
Senate:	14
Special Program:	Not Reported
Restricted Use:	NO
Site Mgmt Req:	NONE SPECIFIED
Funding:	School District
Latitude:	36.4367
Longitude:	-119.8582
APN:	053-130-16

HAZEL AVENUE ELEMENTARY SCHOOL, NORTHWEST OF HAZEL AVENUE, RIVERDALE, CA 93656 (Continued)

Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Arsenic DDD DDE DDT Polychlorinated biphenyls (PCBs
Confirmed COC:	30001-NO 30006-NO 30007-NO 30008-NO No Contaminants found 30018-NO
Potential Description:	SOIL
Alias Name:	Riverdale Elementary School
Alias Type:	Alternate Name
Alias Name:	053-130-16
Alias Type:	APN
Alias Name:	104512
Alias Type:	Project Code (Site Code)
Alias Name:	70000114
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not Reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	11/05/2007
Comments:	A Cost Recovery Memorandum was issued to Accounting and the project is now considered complete.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not Reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	07/30/2007
Comments:	Not Reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not Reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/14/2006
Comments:	Mailed out excecuted EOA.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not Reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	09/11/2006
Comments:	Not Reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not Reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	12/14/2006
Comments:	Not Reported
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not Reported
Completed Document Type:	Phase 1
Completed Date:	11/18/2005
Comments:	Approval of Phase 1 ESA, PEA Required.
Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not Reported

HAZEL AVENUE ELEMENTARY SCHOOL, NORTHWEST OF HAZEL AVENUE, RIVERDALE, CA 93656 (Continued)

Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	11/30/2006
Comments:	DTSC approved the PEA WP TM.
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

SCH: Local Lists of Hazardous waste / Contaminated Sites

Name:	HAZEL AVENUE ELEMENTARY SCHOOL
Address:	NORTHWEST OF HAZEL AVENUE
City,State,Zip:	RIVERDALE, CA 93656
Facility ID:	70000114
Site Type:	School Investigation
Site Type Detail:	School
Site Mgmt. Req.:	NONE SPECIFIED
Acres:	20
National Priorities List:	NO
Cleanup Oversight Agencies:	SMBRP
Lead Agency:	SMBRP
Lead Agency Description:	DTSC - Site Cleanup Program
Project Manager:	Not Reported
Supervisor:	* Mark Malinowski
Division Branch:	Santa Susana Field Laboratory Branch
Site Code:	104512
Assembly:	31
Senate:	14
Special Program Status:	Not Reported
Status:	No Further Action
Status Date:	07/30/2007
Restricted Use:	NO
Funding:	School District
Latitude:	36.4367
Longitude:	-119.8582
APN:	053-130-16
Past Use:	AGRICULTURAL - ROW CROPS
Potential COC:	Arsenic, Arsenic, DDD, DDE, DDT, Polychlorinated biphenyls (PCBs
Confirmed COC:	30001-NO, 30006-NO, 30007-NO, 30008-NO, No Contaminants found, 30018-NO
Potential Description:	SOIL
Alias Name:	Riverdale Elementary School
Alias Type:	Alternate Name
Alias Name:	053-130-16

HAZEL AVENUE ELEMENTARY SCHOOL, NORTHWEST OF HAZEL AVENUE, RIVERDALE, CA 93656 (Continued)

Alias Type:	APN
Alias Name:	104512
Alias Type:	Project Code (Site Code)
Alias Name:	70000114
Alias Type:	Envirostor ID Number

Completed Info:

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not Reported
Completed Document Type:	Cost Recovery Closeout Memo
Completed Date:	11/05/2007
Comments:	A Cost Recovery Memorandum was issued to Accounting and the project is now considered complete.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not Reported
Completed Document Type:	Preliminary Endangerment Assessment Report
Completed Date:	07/30/2007
Comments:	Not Reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not Reported
Completed Document Type:	Environmental Oversight Agreement
Completed Date:	02/14/2006
Comments:	Mailed out excecuted EOA.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not Reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	09/11/2006
Comments:	Not Reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not Reported
Completed Document Type:	Site Inspections/Visit (Non LUR)
Completed Date:	12/14/2006
Comments:	Not Reported

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not Reported
Completed Document Type:	Phase 1
Completed Date:	11/18/2005
Comments:	Approval of Phase 1 ESA, PEA Required.

Completed Area Name:	PROJECT WIDE
Completed Sub Area Name:	Not Reported
Completed Document Type:	Preliminary Endangerment Assessment Workplan
Completed Date:	11/30/2006
Comments:	DTSC approved the PEA WP TM.

Future Area Name:	Not Reported
Future Sub Area Name:	Not Reported
Future Document Type:	Not Reported

HAZEL AVENUE ELEMENTARY SCHOOL, NORTHWEST OF HAZEL AVENUE, RIVERDALE, CA 93656 (Continued)

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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
ENVIRONMENTAL RECORDS						
Federal NPL site list						
US	NPL	National Priority List	EPA	12/19/2024	01/02/2025	01/21/2025
US	Proposed NPL	Proposed National Priority List Sites	EPA	12/19/2024	01/02/2025	01/21/2025
US	NPL LIENS	Federal Superfund Liens	EPA	10/15/1991	02/02/1994	03/30/1994
Federal CERCLIS list						
US	SEMS	Superfund Enterprise Management System	EPA	12/19/2024	01/02/2025	01/21/2025
Federal RCRA CORRACTS facilities list						
US	CORRACTS	Corrective Action Report	EPA	09/16/2024	09/17/2024	12/06/2024
Federal RCRA TSD facilities list						
US	RCRA-TSDF	RCRA - Treatment, Storage and Disposal	Environmental Protection Agency	09/16/2024	09/17/2024	12/06/2024
Federal RCRA generators list						
US	RCRA-LQG	RCRA - Large Quantity Generators	Environmental Protection Agency	09/16/2024	09/17/2024	12/06/2024
US	RCRA-SQG	RCRA - Small Quantity Generators	Environmental Protection Agency	09/16/2024	09/17/2024	12/06/2024
US	RCRA-VSQG	RCRA - Very Small Quantity Generators (Formerly Conditionall	Environmental Protection Agency	09/16/2024	09/17/2024	12/06/2024
Federal institutional controls / engineering controls registries						
US	LUCIS	Land Use Control Information System	Department of the Navy	07/15/2024	07/17/2024	10/09/2024
US	US ENG CONTROLS	Engineering Controls Sites List	Environmental Protection Agency	11/04/2024	11/15/2024	02/11/2025
US	US INST CONTROLS	Institutional Controls Sites List	Environmental Protection Agency	11/04/2024	11/15/2024	02/11/2025
Federal ERNS list						
US	ERNS	Emergency Response Notification System	National Response Center, United States Coast	06/11/2024	06/17/2024	09/04/2024
State and tribal - equivalent NPL						
CA	RESPONSE	State Response Sites	Department of Toxic Substances Control	10/21/2024	10/22/2024	01/10/2025
State and tribal - equivalent CERCLIS						
CA	ENVIROSTOR	EnviroStor Database	Department of Toxic Substances Control	10/21/2024	10/22/2024	01/10/2025
State and tribal landfill / solid waste disposal						
CA	SWF/LF (SWIS)	Solid Waste Information System	Department of Resources Recycling and Recover	11/04/2024	11/06/2024	01/31/2025
State and tribal leaking storage tank lists						
CA	LUST REG 2	Fuel Leak List	California Regional Water Quality Control Boa	09/30/2004	10/20/2004	11/19/2004
CA	LUST REG 3	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	05/19/2003	05/19/2003	06/02/2003
CA	LUST	Leaking Underground Fuel Tank Report (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/30/2024
CA	LUST REG 5	Leaking Underground Storage Tank Database	California Regional Water Quality Control Boa	07/01/2008	07/22/2008	07/31/2008
CA	LUST REG 7	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	02/26/2004	02/26/2004	03/24/2004
CA	LUST REG 8	Leaking Underground Storage Tanks	California Regional Water Quality Control Boa	02/14/2005	02/15/2005	03/28/2005
CA	LUST REG 9	Leaking Underground Storage Tank Report	California Regional Water Quality Control Boa	03/01/2001	04/23/2001	05/21/2001

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	LUST REG 1	Active Toxic Site Investigation	California Regional Water Quality Control Boa	02/01/2001	02/28/2001	03/29/2001
CA	LUST REG 6V	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	06/07/2005	06/07/2005	06/29/2005
CA	LUST REG 6L	Leaking Underground Storage Tank Case Listing	California Regional Water Quality Control Boa	09/09/2003	09/10/2003	10/07/2003
CA	LUST REG 4	Underground Storage Tank Leak List	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
US	INDIAN LUST R6	Leaking Underground Storage Tanks on Indian Land	EPA Region 6	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R10	Leaking Underground Storage Tanks on Indian Land	EPA Region 10	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R4	Leaking Underground Storage Tanks on Indian Land	EPA Region 4	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R5	Leaking Underground Storage Tanks on Indian Land	EPA, Region 5	04/11/2024	05/30/2024	08/28/2024
US	INDIAN LUST R9	Leaking Underground Storage Tanks on Indian Land	Environmental Protection Agency	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R7	Leaking Underground Storage Tanks on Indian Land	EPA Region 7	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R8	Leaking Underground Storage Tanks on Indian Land	EPA Region 8	05/07/2024	05/30/2024	08/28/2024
US	INDIAN LUST R1	Leaking Underground Storage Tanks on Indian Land	EPA Region 1	05/07/2024	05/30/2024	08/28/2024
CA	CPS-SLIC	Statewide SLIC Cases (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/29/2024
CA	SLIC REG 1	Active Toxic Site Investigations	California Regional Water Quality Control Boa	04/03/2003	04/07/2003	04/25/2003
CA	SLIC REG 2	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board San Fran	09/30/2004	10/20/2004	11/19/2004
CA	SLIC REG 3	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	05/18/2006	05/18/2006	06/15/2006
CA	SLIC REG 4	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Region Water Quality Control Board Los Angele	11/17/2004	11/18/2004	01/04/2005
CA	SLIC REG 5	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board Central	04/01/2005	04/05/2005	04/21/2005
CA	SLIC REG 6V	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	Regional Water Quality Control Board, Victorv	05/24/2005	05/25/2005	06/16/2005
CA	SLIC REG 6L	SLIC Sites	California Regional Water Quality Control Boa	09/07/2004	09/07/2004	10/12/2004
CA	SLIC REG 7	SLIC List	California Regional Quality Control Board, Co	11/24/2004	11/29/2004	01/04/2005
CA	SLIC REG 8	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Region Water Quality Control Board	04/03/2008	04/03/2008	04/14/2008
CA	SLIC REG 9	Spills, Leaks, Investigation & Cleanup Cost Recovery Listing	California Regional Water Quality Control Boa	09/10/2007	09/11/2007	09/28/2007
State and tribal registered storage tank lists						
CA	UST	Active UST Facilities	SWRCB	08/28/2024	08/28/2024	08/30/2024
CA	UST CLOSURE	Proposed Closure of Underground Storage Tank (UST) Cases	State Water Resources Control Board	11/25/2024	12/03/2024	01/07/2025
CA	MILITARY UST SITES	Military UST Sites (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/29/2024
CA	AST	Aboveground Petroleum Storage Tank Facilities	California Environmental Protection Agency	07/06/2016	07/12/2016	09/19/2016
US	INDIAN UST R7	Underground Storage Tanks on Indian Land	EPA Region 7	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R4	Underground Storage Tanks on Indian Land	EPA Region 4	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R1	Underground Storage Tanks on Indian Land	EPA, Region 1	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R8	Underground Storage Tanks on Indian Land	EPA Region 8	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R6	Underground Storage Tanks on Indian Land	EPA Region 6	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R10	Underground Storage Tanks on Indian Land	EPA Region 10	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R9	Underground Storage Tanks on Indian Land	EPA Region 9	05/14/2024	05/30/2024	08/28/2024
US	INDIAN UST R5	Underground Storage Tanks on Indian Land	EPA Region 5	04/11/2024	05/30/2024	08/28/2024
US	FEMA UST	Underground Storage Tank Listing	FEMA	08/12/2024	10/30/2024	01/14/2025
State and tribal voluntary cleanup sites						
CA	VCP	Voluntary Cleanup Program Properties	Department of Toxic Substances Control	10/21/2024	10/22/2024	01/10/2025
US	INDIAN VCP R1	Voluntary Cleanup Priority Listing	EPA, Region 1	07/27/2015	09/29/2015	02/18/2016
US	INDIAN VCP R7	Voluntary Cleanup Priority Lisitng	EPA, Region 7	03/20/2008	04/22/2008	05/19/2008

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
State and tribal Brownfields sites						
CA	BROWNFIELDS	Considered Brownfieds Sites Listing	State Water Resources Control Board	09/16/2024	09/17/2024	12/02/2024
Other Records						
US	CONSENT	Superfund (CERCLA) Consent Decrees	Department of Justice, Consent Decree Library	09/30/2024	10/09/2024	01/10/2025
US	ROD	Records Of Decision	EPA	10/24/2024	11/01/2024	11/19/2024
US	LIENS 2	CERCLA Lien Information	Environmental Protection Agency	12/19/2024	01/02/2025	01/21/2025
CA	HIST CAL-SITES	Calsites Database	Department of Toxic Substance Control	08/08/2005	08/03/2006	08/24/2006
US	DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations	EPA, Region 9	01/12/2009	05/07/2009	09/21/2009
CA	SWRCY	Recycler Database	Department of Conservation	08/28/2024	08/28/2024	08/29/2024
CA	CA FID UST	Facility Inventory Database	California Environmental Protection Agency	10/31/1994	09/05/1995	09/29/1995
CA	HIST UST	Hazardous Substance Storage Container Database	State Water Resources Control Board	10/15/1990	01/25/1991	02/12/1991
CA	SAN FRANCISCO AST	Aboveground Storage Tank Site Listing	San Francisco County Department of Public Hea	07/29/2024	07/30/2024	10/17/2024
CA	SWEEPS UST	SWEEPS UST Listing	State Water Resources Control Board	06/01/1994	07/07/2005	08/11/2005
US	US FIN ASSUR	Financial Assurance Information	Environmental Protection Agency	09/16/2024	09/17/2024	12/20/2024
US	US AIRS (AFS)	Aerometric Information Retrieval System Facility Subsystem (	EPA	10/12/2016	10/26/2016	02/03/2017
US	LEAD SMELTER 1	Lead Smelter Sites	Environmental Protection Agency	12/19/2024	01/02/2025	01/21/2025
US	LEAD SMELTER 2	Lead Smelter Sites	American Journal of Public Health	04/05/2001	10/27/2010	12/02/2010
US	EPA WATCH LIST	EPA Watch List	Environmental Protection Agency	08/30/2013	03/21/2014	06/17/2014
US	2020 COR ACTION	2020 Corrective Action Program List	Environmental Protection Agency	09/30/2017	05/08/2018	07/20/2018
US	US HIST CDL	National Clandestine Laboratory Register	Drug Enforcement Administration	05/20/2024	08/19/2024	10/09/2024
US	COAL ASH DOE	Steam-Electric Plant Operation Data	Department of Energy	12/31/2023	10/16/2024	01/14/2025
US	US AIRS MINOR	Air Facility System Data	EPA	10/12/2016	10/26/2016	02/03/2017
US	COAL ASH EPA	Coal Combustion Residues Surface Impoundments List	Environmental Protection Agency	01/12/2017	03/05/2019	11/11/2019
US	FUSRAP	Formerly Utilized Sites Remedial Action Program	Department of Energy	03/03/2023	03/03/2023	06/09/2023
US	PCB TRANSFORMER	PCB Transformer Registration Database	Environmental Protection Agency	09/13/2019	11/06/2019	02/10/2020
US	SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing	Environmental Protection Agency	07/30/2021	02/03/2023	02/10/2023
US	Delisted NPL	National Priority List Deletions	EPA	12/19/2024	01/02/2025	01/21/2025
US	SEMS-ARCHIVE	Superfund Enterprise Management System Archive	EPA	12/19/2024	01/02/2025	01/21/2025
US	RCRA NonGen / NLR	RCRA - Non Generators / No Longer Regulated	Environmental Protection Agency	09/16/2024	09/17/2024	12/06/2024
US	HMIRS	Hazardous Materials Information Reporting System	U.S. Department of Transportation	06/14/2024	06/17/2024	06/24/2024
US	DOT OPS	Incident and Accident Data	Department of Transporation, Office of Pipeli	10/04/2024	10/16/2024	12/06/2024
US	US CDL	Clandestine Drug Labs	Drug Enforcement Administration	05/20/2024	08/19/2024	10/09/2024
US	US BROWNFIELDS	A Listing of Brownfields Sites	Environmental Protection Agency	09/09/2024	09/11/2024	12/06/2024
US	DOD	Department of Defense Sites	USGS	06/07/2021	07/13/2021	03/09/2022
US	FEDLAND	Federal and Indian Lands	U.S. Geological Survey	04/02/2018	04/11/2018	11/06/2019
US	FUDS	Formerly Used Defense Sites	U.S. Army Corps of Engineers	10/01/2024	11/12/2024	01/21/2025
US	UMTRA	Uranium Mill Tailings Sites	Department of Energy	05/08/2024	08/14/2024	08/28/2024
US	ODI	Open Dump Inventory	Environmental Protection Agency	06/30/1985	08/09/2004	09/17/2004
US	US MINES	Mines Master Index File	Department of Labor, Mine Safety and Health A	11/01/2024	11/18/2024	02/11/2025
US	MINES VIOLATIONS	MSHA Violation Assessment Data	DOL, Mine Safety & Health Admi	10/01/2024	10/02/2024	10/09/2024
US	US MINES 2	Ferrous and Nonferrous Metal Mines Database Listing	USGS	05/02/2024	08/20/2024	10/09/2024
US	US MINES 3	Active Mines & Mineral Plants Database Listing	USGS	04/14/2011	06/08/2011	09/13/2011
US	PRP	Potentially Responsible Parties	EPA	09/19/2023	10/03/2023	10/19/2023
US	TRIS	Toxic Chemical Release Inventory System	EPA	12/31/2022	11/13/2023	02/07/2024
US	TSCA	Toxic Substances Control Act	EPA	12/31/2020	06/14/2022	03/24/2023

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA/Office of Prevention, Pesticides and Toxi	04/09/2009	04/16/2009	05/11/2009
US	FTTS INSP	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fu	EPA	04/09/2009	04/16/2009	05/11/2009
US	HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	HIST FTTS INSP	FIFRA/TSCA Tracking System Inspection & Enforcement Case Lis	Environmental Protection Agency	10/19/2006	03/01/2007	04/10/2007
US	SSTS	Section 7 Tracking Systems	EPA	10/15/2024	10/16/2024	01/14/2025
US	ICIS	Integrated Compliance Information System	Environmental Protection Agency	11/18/2016	11/23/2016	02/10/2017
US	PADS	PCB Activity Database System	EPA	07/01/2024	10/02/2024	01/10/2025
US	MLTS	Material Licensing Tracking System	Nuclear Regulatory Commission	10/12/2024	10/17/2024	11/19/2024
US	RADINFO	Radiation Information Database	Environmental Protection Agency	07/01/2019	07/01/2019	09/23/2019
US	FINDS	Facility Index System/Facility Registry System	EPA	08/13/2024	08/20/2024	08/28/2024
US	RAATS	RCRA Administrative Action Tracking System	EPA	04/17/1995	07/03/1995	08/07/1995
US	RMP	Risk Management Plans	Environmental Protection Agency	10/01/2024	10/23/2024	01/14/2025
US	BRS	Biennial Reporting System	EPA/NTIS	12/31/2021	03/09/2023	03/20/2023
US	PWS	Public Water System Data	EPA	12/17/2013	01/09/2014	10/15/2014
US	INDIAN RESERV	Indian Reservations	USGS	12/31/2014	07/14/2015	01/10/2017
US	INDIAN ODI	Report on the Status of Open Dumps on Indian Lands	Environmental Protection Agency	12/31/1998	12/03/2007	01/24/2008
US	IHS OPEN DUMPS	Open Dumps on Indian Land	Department of Health & Human Serivces, Indian	02/07/2024	11/13/2024	11/19/2024
US	ABANDONED MINES	Abandoned Mines	Department of Interior	09/10/2024	09/11/2024	11/19/2024
CA	CA BOND EXP. PLAN	Bond Expenditure Plan	Department of Health Services	01/01/1989	07/27/1994	08/02/1994
CA	CDL	Clandestine Drug Labs	Department of Toxic Substances Control	12/31/2022	03/21/2024	06/12/2024
CA	CHMIRS	California Hazardous Material Incident Report System	Office of Emergency Services	08/01/2024	10/16/2024	12/31/2024
CA	CORTESE	"Cortese" Hazardous Waste & Substances Sites List	CAL EPA/Office of Emergency Information	09/16/2024	09/17/2024	12/02/2024
CA	CUPA LIV-PLE	CUPA Facility Listing	Livermore-Pleasanton Fire Department	09/19/2024	11/05/2024	01/31/2025
CA	DEED	Deed Restriction Listing	DTSC and SWRCB	08/22/2024	08/22/2024	11/05/2024
CA	DRYCLEAN GRANT	Grant Recipients List	California Air Resources Board	12/31/2021	01/26/2024	04/16/2024
CA	DRYCLEAN YOLO-SOLANO	Yolo-Solano Air Quality Management District Drycleaner Facil	Yolo-Solano Air Quality Management District	08/21/2024	08/26/2024	11/06/2024
CA	DRYCLEAN LAKE	Lake County Air Quality Management District Drycleaner Facil	Lake County Air Quality Management District	02/15/2024	02/16/2024	05/02/2024
CA	DRYCLEAN SAN DIEGO	San Diego County Air Pollution Control District Drycleaner F	San Diego County Air Pollution Control Distri	08/21/2024	08/28/2024	11/13/2024
CA	DRYCLEAN MENDOCINO	Mendocino County Air Quality Management District Drycleaner	Mendocino County Air Quality Management Distr	08/26/2024	09/03/2024	11/13/2024
CA	DRYCLEAN SACRAMENTO	Sacramento Metropolitan Air Quality Management DistrictDrycl	Sacramento Metropolitan Air Quality Managemen	09/03/2024	09/05/2024	11/13/2024
CA	DRYCLEAN IMPERIAL	Imperial County Air Pollution Control District Drycleaner Fa	Imperial County Air Pollution Control Distric	10/02/2024	10/03/2024	12/20/2024
CA	DRYCLEAN SAN LUIS OB	San Luis Obispo County Air Pollution Control District Drycle	San Luis Obispo County Air Pollution Control	01/03/2024	01/04/2024	03/20/2024
CA	DRYCLEAN PLACER	Placer County Air Quality Management District Drycleaner Fac	Placer County Air Quality Management District	05/15/2023	05/17/2023	08/14/2023
CA	DRYCLEAN BAY AREA	Bay Area Air Quality Management District Drycleaner Facility	Bay Area Air Quality Management District	02/20/2019	05/30/2019	05/01/2023
CA	DRYCLEAN CALAVERAS	Calaveras County Environmental Management Agency Drycleaner	Calaveras County Environmental Management Age	06/17/2019	06/19/2019	05/01/2023
CA	DRYCLEAN N COAST	North Coast Unified Air Quality Management District Dryclean	North Coast Unified Air Quality Management Di	11/30/2016	04/19/2019	05/01/2023
CA	DRYCLEAN SANTA BARB	Santa Barbara County Air Pollution Control District Dryclean	Santa Barbara County Air Pollution Control Di	02/19/2019	04/17/2019	05/01/2023
CA	DRYCLEAN TEHAMA	Tehama County Air Pollution Control District Drycleaner Faci	Tehama County Air Pollution Control District	04/24/2019	04/24/2019	05/01/2023
CA	DRYCLEAN SOUTH COAST	South Coast Air Quality Management District Drycleaner Listi	South Coast Air Quality Management District	11/14/2024	11/15/2024	02/05/2025
CA	DRYCLEANERS	Cleaner Facilities	Department of Toxic Substance Control	08/28/2024	09/05/2024	11/13/2024
CA	DRYCLEAN SHASTA	Shasta County Air Quality Management District District Drycl	Shasta County Air Quality Management District	08/29/2024	09/05/2024	11/13/2024
CA	DRYCLEAN MOJAVE	Mojave Desert Air Quality Management District Drycleaner Fac	Mojave Desert Air Quality Management District	08/21/2024	08/22/2024	11/05/2024
CA	DRYCLEAN N SIERRA	Northern Sierra Air Quality Management District Drycleaner F	Northern Sierra Air Quality Management Distri	08/22/2024	08/22/2024	11/05/2024
CA	DRYCLEAN MONTERY BAY	Monterey Bay Air Quality Management District Drycleaner Faci	Monterey Bay Air Quality Management District	09/09/2024	09/11/2024	11/26/2024
CA	DRYCLEAN AMADOR	Amador Air District Drycleaner Facility Listing	Amador Air Quality Management District	04/26/2023	04/27/2023	07/13/2023
CA	DRYCLEAN VENTURA	Drycleaner Facility Listing	Ventura County Air Pollution Control District	08/26/2024	08/28/2024	11/14/2024
CA	DRYCLEAN EAST KERN	Eastern Kern Air Pollution Control District District Dryclea	Eastern Kern Air Pollution Control District	08/21/2024	08/22/2024	11/05/2024

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	DRYCLEAN SAN JOAQUIN	San Joaquin Valley Air Pollution Control District District D	San Joaquin Valley Air Pollution Control Dist	08/22/2024	08/22/2024	11/05/2024
CA	DRYCLEAN GLENN	Glenn County Air Pollution Control District Drycleaner Facil	Glenn County Air Pollution Control District	08/26/2024	08/28/2024	11/13/2024
CA	DRYCLEAN BUTTE	Butte County Air Quality Management DistrictDrycleaner Facil	Butte County Air Quality Management District	09/10/2024	09/11/2024	11/25/2024
CA	DRYCLEAN FEATHER RVR	Feather River Air Quality Management District Drycleaner Fac	Feather River Air Quality Management District	03/08/2023	03/09/2023	06/05/2023
CA	DRYCLEAN AVAQMD	Antelope Valley Air Quality Management District Drycleaner L	Antelope Valley Air Quality Management Distri	05/29/2024	11/07/2024	11/22/2024
CA	DRYCLEAN N SONOMA	Norther Sonoma County County Air Pollution Control District	Santa Barbara County Air Pollution Control Di	08/23/2024	08/26/2024	11/05/2024
CA	EMI	Emissions Inventory Data	California Air Resources Board	12/31/2022	06/11/2024	09/03/2024
CA	ENF	Enforcement Action Listing	State Water Resoruces Control Board	10/15/2024	10/16/2024	12/31/2024
CA	FIN ASSURANCE 1	Financial Assurance Information Listing	Department of Toxic Substances Control	10/09/2024	10/10/2024	12/30/2024
CA	FIN ASSURANCE 2	Financial Assurance Information Listing	California Integrated Waste Management Board	11/06/2024	11/08/2024	01/31/2025
CA	HAULERS	Registered Waste Tire Haulers Listing	Integrated Waste Management Board	11/13/2024	11/15/2024	12/12/2024
CA	HAZNET	Facility and Manifest Data	California Environmental Protection Agency	12/31/2023	07/02/2024	09/25/2024
CA	HIST CORTESE	Hazardous Waste & Substance Site List	Department of Toxic Substances Control	04/01/2001	01/22/2009	04/08/2009
CA	HWP	EnviroStor Permitted Facilities Listing	Department of Toxic Substances Control	11/08/2024	11/08/2024	02/03/2025
CA	HWT	Registered Hazardous Waste Transporter Database	Department of Toxic Substances Control	09/30/2024	10/01/2024	12/13/2024
CA	ICE	Inspection, Compliance and Enforcement	Department of Toxic Subsances Control	11/08/2024	11/08/2024	02/03/2025
CA	LDS	Land Disposal Sites Listing (GEOTRACKER)	State Water Qualilty Control Board	08/28/2024	08/28/2024	08/30/2024
CA	LIENS	Environmental Liens Listing	Department of Toxic Substances Control	11/26/2024	12/03/2024	12/31/2024
CA	MCS	Military Cleanup Sites Listing (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/30/2024
CA	MINES	Mines Site Location Listing	Department of Conservation	09/03/2024	09/04/2024	11/13/2024
CA	MWMP	Medical Waste Management Program Listing	Department of Public Health	07/26/2024	08/22/2024	11/06/2024
CA	NPDES	NPDES Permits Listing	State Water Resources Control Board	11/04/2024	11/05/2024	01/31/2025
CA	PEST LIC	Pesticide Regulation Licenses Listing	Department of Pesticide Regulation	08/22/2024	08/22/2024	11/06/2024
CA	PROC	Certified Processors Database	Department of Conservation	08/28/2024	08/28/2024	08/30/2024
CA	NOTIFY 65	Proposition 65 Records	State Water Resources Control Board	09/05/2024	09/06/2024	11/13/2024
CA	SAN JOSE HAZMAT	Hazardous Material Facilities	City of San Jose Fire Department	11/03/2020	11/05/2020	01/26/2021
CA	SCH	School Property Evaluation Program	Department of Toxic Substances Control	10/21/2024	10/22/2024	01/10/2025
CA	SPILLS 90	SPILLS90 data from FirstSearch	FirstSearch	06/06/2012	01/03/2013	02/22/2013
CA	TOXIC PITS	Toxic Pits Cleanup Act Sites	State Water Resources Control Board	07/01/1995	08/30/1995	09/26/1995
CA	UIC	UIC Listing	Deaprtment of Conservation	09/02/2024	09/04/2024	09/05/2024
CA	WASTEWATER PITS	Oil Wastewater Pits Listing	RWQCB, Central Valley Region	02/11/2021	07/01/2021	09/29/2021
CA	WDS	Waste Discharge System	State Water Resources Control Board	06/19/2007	06/20/2007	06/29/2007
CA	WIP	Well Investigation Program Case List	Los Angeles Water Quality Control Board	07/03/2009	07/21/2009	08/03/2009
CA	WMUDS/SWAT	Waste Management Unit Database	State Water Resources Control Board	04/01/2000	04/10/2000	05/10/2000
US	ECHO	Enforcement & Compliance History Information	Environmental Protection Agency	12/21/2024	12/27/2024	01/10/2025
CA	WDR	Waste Discharge Requirements Listing	State Water Resources Control Board	09/03/2024	09/04/2024	11/13/2024
CA	CERS TANKS	California Environmental Reporting System (CERS) Tanks	California Environmental Protection Agency	10/15/2024	10/16/2024	12/31/2024
US	PFAS PT 139 AIRPORT	All Certified Part 139 Airports PFAS Information Listing	Environmental Protection Agency	12/30/2024	01/02/2025	01/10/2025
US	PFAS ECHO FIRE TRAIN	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	12/30/2024	01/02/2025	01/10/2025
US	PFAS FEDERAL SITES	Federal Sites PFAS Information	Environmental Protection Agency	12/30/2024	01/02/2025	01/10/2025
US	FUELS PROGRAM	EPA Fuels Program Registered Listing	EPA	11/08/2024	11/08/2024	01/14/2025
US	PFAS NPDES	Clean Water Act Discharge Monitoring Information	Environmental Protection Agency	12/30/2024	01/02/2025	01/14/2025
US	PFAS PROJECT	NORTHEASTERN UNIVERSITY PFAS PROJECT	Social Science Environmental Health Research	05/19/2023	04/05/2024	06/06/2024
US	E MANIFEST	Hazardous Waste Electronic Manifest System	Environmental Protection Agency	09/16/2024	09/17/2024	12/20/2024
US	PFAS NPL	Superfund Sites with PFAS Detections Information	Environmental Protection Agency	12/30/2024	01/02/2025	01/10/2025
US	PFAS TRIS	List of PFAS Added to the TRI	Environmental Protection Agency	12/30/2024	01/02/2025	01/10/2025
US	PFAS RCRA MANIFEST	PFAS Transfers Identified In the RCRA Database Listing	Environmental Protection Agency	12/30/2024	01/02/2025	01/10/2025

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
US	UST FINDER	UST Finder Database	Environmental Protection Agency	06/08/2023	10/04/2023	01/18/2024
US	UST FINDER RELEASE	UST Finder Releases Database	Environmental Protecton Agency	06/08/2023	10/31/2023	01/18/2024
US	PCS	Permit Compliance System	EPA, Office of Water	12/16/2016	01/06/2017	03/10/2017
US	AQUEOUS FOAM NRC	Aqueous Foam Related Incidents Listing	Environmental Protection Agency	12/30/2024	01/02/2025	01/10/2025
US	BIOSOLIDS	ICIS-NPDES Biosolids Facility Data	Environmental Protection Agency	10/13/2024	10/16/2024	10/23/2024
CA	CHROME PLATING	Chrome Plating Facilities Listing	State Water Resources Control Board	08/28/2024	08/28/2024	11/12/2024
CA	CIWQS	California Integrated Water Quality System	State Water Resources Control Board	08/20/2024	08/20/2024	08/22/2024
US	PFAS WQP	Ambient Environmental Sampling for PFAS	Environmental Protection Agency	12/13/2024	01/02/2025	01/10/2025
US	PFAS TSCA	PFAS Manufacture and Imports Information	Environmental Protection Agency	12/30/2024	01/02/2025	01/10/2025
CA	HWTS	Hazardous Waste Tracking System	Department of Toxic Substances Control	07/19/2024	07/30/2024	08/28/2024
CA	CERS	CalEPA Regulated Site Portal Data	California Environmental Protection Agency	10/15/2024	10/16/2024	12/31/2024
US	FEDERAL FACILITY	Federal Facility Site Information listing	Environmental Protection Agency	11/20/2024	12/18/2024	12/20/2024
US	DOCKET HWC	Hazardous Waste Compliance Docket Listing	Environmental Protection Agency	05/06/2021	05/21/2021	08/11/2021
US	MINES MRDS	Mineral Resources Data System	USGS	08/23/2022	11/22/2022	02/28/2023
US	PFAS ATSDR	PFAS Contamination Site Location Listing	Department of Health & Human Services	06/24/2020	03/17/2021	11/08/2022
CA	AQUEOUS FOAM	Former Fire Training Facility Assessments Listing	State Water Resources Control Board	08/28/2024	08/28/2024	11/12/2024
CA	MILITARY PRIV SITES	Military Privatized Sites (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/29/2024
CA	CERS HAZ WASTE	California Environmental Reporting System Hazardous Waste	CalEPA	10/15/2024	10/16/2024	12/31/2024
CA	PFAS	PFAS Contamination Site Location Listing	State Water Resources Control Board	08/28/2024	08/28/2024	09/03/2024
CA	OTHER OIL GAS	Other Oil & Gas Projects Sites (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/29/2024
CA	NON-CASE INFO	Non-Case Information Sites (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/29/2024
US	UXO	Unexploded Ordnance Sites	Department of Defense	09/06/2023	09/13/2023	12/11/2023
CA	SAMPLING POINT	Sampling Point ? Public Sites (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/29/2024
CA	PROJECT	Project Sites (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/29/2024
CA	PROD WATER PONDS	Produced Water Ponds Sites (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/29/2024
CA	WELL STIM PROJ	Well Stimulation Project (GEOTRACKER)	State Water Resources Control Board	08/28/2024	08/28/2024	08/29/2024
CA	UIC GEO	Underground Injection Control Sites (GEOTRACKER)	State Water Resource Control Board	08/28/2024	08/28/2024	08/29/2024
US	PFAS ECHO	Facilities in Industries that May Be Handling PFAS Listing	Environmental Protection Agency	12/30/2024	01/02/2025	01/10/2025
HISTORICAL USE RECORDS						
US	EDR MGP	EDR Proprietary Manufactured Gas Plants	EDR, Inc.			
US	EDR Hist Auto	EDR Exclusive Historical Auto Stations	EDR, Inc.			
US	EDR Hist Cleaner	EDR Exclusive Historical Cleaners	EDR, Inc.			
CA	RGA LF	Recovered Government Archive Solid Waste Facilities List	Department of Resources Recycling and Recover		07/01/2013	01/13/2014
CA	RGA LUST	Recovered Government Archive Leaking Underground Storage Tan	State Water Resources Control Board		07/01/2013	12/30/2013

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
COUNTY RECORDS						
CA	CS ALAMEDA	Contaminated Sites	Alameda County Environmental Health Services	01/09/2019	01/11/2019	03/05/2019
CA	UST ALAMEDA	Underground Tanks	Alameda County Environmental Health Services	12/26/2023	12/26/2023	03/19/2024
CA	CUPA AMADOR	CUPA Facility List	Amador County Environmental Health	04/27/2023	04/27/2023	07/13/2023
CA	CUPA BUTTE	CUPA Facility Listing	Public Health Department	04/21/2017	04/25/2017	08/09/2017
CA	CUPA CALVERAS	CUPA Facility Listing	Calveras County Environmental Health	09/25/2024	09/26/2024	12/12/2024
CA	CUPA COLUSA	CUPA Facility List	Health & Human Services	04/06/2020	04/23/2020	07/10/2020
CA	SL CONTRA COSTA	Site List	Contra Costa Health Services Department	10/21/2024	10/23/2024	01/13/2025
CA	CUPA DEL NORTE	CUPA Facility List	Del Norte County Environmental Health Divisio	02/05/2024	02/08/2024	04/26/2024
CA	CUPA EL DORADO	CUPA Facility List	El Dorado County Environmental Management Dep	08/08/2022	08/09/2022	09/01/2022
CA	CUPA FRESNO	CUPA Resources List	Dept. of Community Health	06/28/2021	12/21/2021	03/03/2022
CA	CUPA GLENN	CUPA Facility List	Glenn County Air Pollution Control District	01/22/2018	01/24/2018	03/14/2018
CA	CUPA HUMBOLDT	CUPA Facility List	Humboldt County Environmental Health	08/12/2021	08/12/2021	11/08/2021
CA	CUPA IMPERIAL	CUPA Facility List	San Diego Border Field Office	10/09/2024	10/11/2024	12/30/2024
CA	CUPA INYO	CUPA Facility List	Inyo County Environmental Health Services	04/02/2018	04/03/2018	06/14/2018
CA	CUPA KERN	CUPA Facility List	Kern County Public Health	01/27/2025	01/29/2025	01/31/2025
CA	UST KERN	Underground Storage Tank Sites & Tank Listing	Kern County Environment Health Services Depar	01/27/2025	01/29/2025	01/31/2025
CA	CUPA KINGS	CUPA Facility List	Kings County Department of Public Health	12/03/2020	01/26/2021	04/14/2021
CA	CUPA LAKE	CUPA Facility List	Lake County Environmental Health	10/31/2024	11/01/2024	01/17/2025
CA	CUPA LASSEN	CUPA Facility List	Lassen County Environmental Health	07/31/2020	08/21/2020	11/09/2020
CA	AOCONCERN	Key Areas of Concerns in Los Angeles County		03/30/2009	03/31/2009	10/23/2009
CA	HMS LOS ANGELES	HMS: Street Number List	Department of Public Works	09/26/2024	10/01/2024	12/12/2024
CA	LF LOS ANGELES	List of Solid Waste Facilities	La County Department of Public Works	10/04/2024	10/04/2024	12/23/2024
CA	LF LOS ANGELES CITY	City of Los Angeles Landfills	Engineering & Construction Division	12/31/2023	10/03/2024	12/17/2024
CA	LOS ANGELES AST	Active & Inactive AST Inventory	Los Angeles Fire Department	06/01/2019	06/25/2019	08/22/2019
CA	LOS ANGELES CO LF METHANE	Methane Producing Landfills	Los Angeles County Department of Public Works	05/14/2024	07/09/2024	09/27/2024
CA	LOS ANGELES HM	Active & Inactive Hazardous Materials Inventory	Los Angeles Fire Department	09/01/2024	09/17/2024	12/02/2024
CA	LOS ANGELES UST	Active & Inactive UST Inventory	Los Angeles Fire Department	09/01/2024	09/17/2024	12/02/2024
CA	SITE MIT LOS ANGELES	Site Mitigation LA County List	Community Health Services	05/21/2024	07/16/2024	10/07/2024
CA	UST EL SEGUNDO	City of El Segundo Underground Storage Tank	City of El Segundo Fire Department	01/21/2017	04/19/2017	05/10/2017
CA	UST LONG BEACH	City of Long Beach Underground Storage Tank	City of Long Beach Fire Department	04/22/2019	04/23/2019	06/27/2019
CA	UST TORRANCE	City of Torrance Underground Storage Tank	City of Torrance Fire Department	10/15/2024	10/17/2024	01/07/2025
CA	CUPA MADERA	CUPA Facility List	Madera County Environmental Health	08/10/2020	08/12/2020	10/23/2020
CA	UST MARIN	Underground Storage Tank Sites	Public Works Department Waste Management	09/26/2018	10/04/2018	11/02/2018
CA	UST MENDOCINO	Mendocino County UST Database	Department of Public Health	09/22/2021	11/18/2021	11/22/2021
CA	CUPA MERCED	CUPA Facility List	Merced County Environmental Health	10/08/2024	10/09/2024	10/31/2024
CA	CUPA MONO	CUPA Facility List	Mono County Health Department	02/22/2021	03/02/2021	05/19/2021
CA	CUPA MONTEREY	CUPA Facility Listing	Monterey County Health Department	10/18/2024	10/22/2024	01/14/2025
CA	LUST NAPA	Sites With Reported Contamination	Napa County Department of Environmental Manag	01/09/2017	01/11/2017	03/02/2017
CA	UST NAPA	Closed and Operating Underground Storage Tank Sites	Napa County Department of Environmental Manag	09/05/2019	09/09/2019	10/31/2019
CA	CUPA NEVADA	CUPA Facility List	Community Development Agency	01/27/2025	01/27/2025	02/03/2025
CA	IND_SITE ORANGE	List of Industrial Site Cleanups Orange County	Health Care Agency	10/31/2024	10/31/2024	01/24/2025
CA	LUST ORANGE	List of Underground Storage Tank Cleanups	Health Care Agency	10/31/2024	10/31/2024	01/24/2025
CA	UST ORANGE	List of Underground Storage Tank Facilities	Health Care Agency	08/06/2024	08/08/2024	10/29/2024
CA	MS PLACER	Master List of Facilities	Placer County Health and Human Services	08/22/2024	08/22/2024	11/06/2024
CA	CUPA PLUMAS	CUPA Facility List	Plumas County Environmental Health	03/31/2019	04/23/2019	06/26/2019

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date
CA	LUST RIVERSIDE	Listing of Underground Tank Cleanup Sites	Department of Environmental Health	06/11/2024	06/12/2024	06/27/2024
CA	UST RIVERSIDE	Underground Storage Tank Tank List	Department of Environmental Health	12/05/2024	12/05/2024	12/31/2024
CA	CS SACRAMENTO	Toxic Site Clean-Up List	Sacramento County Environmental Management	11/07/2022	12/21/2022	03/16/2023
CA	ML SACRAMENTO	Master Hazardous Materials Facility List	Sacramento County Environmental Management	11/07/2022	12/09/2022	03/01/2023
CA	CUPA SAN BENITO	CUPA Facility List	San Benito County Environmental Health	10/25/2024	10/29/2024	01/17/2025
CA	PERMITS SAN BERNARDINO	Hazardous Material Permits	San Bernardino County Fire Department Hazardo	08/13/2024	08/14/2024	08/20/2024
CA	HMMD SAN DIEGO	Hazardous Materials Management Division Database	Hazardous Materials Management Division	08/22/2024	08/22/2024	11/06/2024
CA	LF SAN DIEGO	Solid Waste Facilities	Department of Health Services	10/01/2023	01/31/2024	04/17/2024
CA	SAN DIEGO CO LOP	Local Oversight Program Listing	Department of Environmental Health	07/22/2021	10/19/2021	01/13/2022
CA	SAN DIEGO CO SAM	Environmental Case Listing	San Diego County Department of Environmental	03/23/2010	06/15/2010	07/09/2010
CA	CUPA SAN FRANCISCO CO	CUPA Facility Listing	San Francisco County Department of Environmen	10/28/2024	10/30/2024	01/21/2025
CA	LUST SAN FRANCISCO	Local Oversite Facilities	Department Of Public Health San Francisco Cou	09/19/2008	09/19/2008	09/29/2008
CA	UST SAN FRANCISCO	Underground Storage Tank Information	Department of Public Health	10/28/2024	10/30/2024	01/24/2025
CA	SAN FRANCISCO MAHER	Maher Ordinance Property Listing	San Francisco Planning	10/15/2024	10/16/2024	01/06/2025
CA	UST SAN JOAQUIN	San Joaquin Co. UST	Environmental Health Department	06/22/2018	06/26/2018	07/11/2018
CA	CUPA SAN LUIS OBISPO	CUPA Facility List	San Luis Obispo County Public Health Departme	11/12/2024	11/13/2024	02/06/2025
CA	BI SAN MATEO	Business Inventory	San Mateo County Environmental Health Service	02/20/2020	02/20/2020	04/24/2020
CA	LUST SAN MATEO	Fuel Leak List	San Mateo County Environmental Health Service	03/29/2019	03/29/2019	05/29/2019
CA	CUPA SANTA BARBARA	CUPA Facility Listing	Santa Barbara County Public Health Department	09/08/2011	09/09/2011	10/07/2011
CA	CUPA SANTA CLARA	Cupa Facility List	Department of Environmental Health	08/12/2024	08/13/2024	10/28/2024
CA	HIST LUST SANTA CLARA	HIST LUST - Fuel Leak Site Activity Report	Santa Clara Valley Water District	03/29/2005	03/30/2005	04/21/2005
CA	LUST SANTA CLARA	LOP Listing	Department of Environmental Health	03/03/2014	03/05/2014	03/18/2014
CA	CUPA SANTA CRUZ	CUPA Facility List	Santa Cruz County Environmental Health	01/21/2017	02/22/2017	05/23/2017
CA	SITE MIT SANTA CRUZ	Site Mitigation Santa Cruz County List	Santa Cruz Environmental Health Services	12/03/2018	06/23/2023	07/13/2023
CA	CUPA SHASTA	CUPA Facility List	Shasta County Department of Resource Manageme	06/15/2017	06/19/2017	08/09/2017
CA	LUST SOLANO	Leaking Underground Storage Tanks	Solano County Department of Environmental Man	06/04/2019	06/06/2019	08/13/2019
CA	UST SOLANO	Underground Storage Tanks	Solano County Department of Environmental Man	09/15/2021	09/16/2021	12/09/2021
CA	CUPA SONOMA	Cupa Facility List	County of Sonoma Fire & Emergency Services De	07/02/2021	07/06/2021	07/14/2021
CA	LUST SONOMA	Leaking Underground Storage Tank Sites	Department of Health Services	06/30/2021	06/30/2021	09/24/2021
CA	CUPA STANISLAUS	CUPA Facility List	Stanislaus County Department of Ennvironmenta	02/08/2022	02/10/2022	05/04/2022
CA	UST SUTTER	Underground Storage Tanks	Sutter County Environmental Health Services	07/29/2024	09/06/2024	11/13/2024
CA	CUPA TEHAMA	CUPA Facility List	Tehama County Department of Environmental Hea	08/27/2024	08/28/2024	11/12/2024
CA	CUPA TRINITY	CUPA Facility List	Department of Toxic Substances Control	10/09/2024	10/11/2024	12/30/2024
CA	CUPA TULARE	CUPA Facility List	Tulare County Environmental Health Services D	10/07/2022	10/07/2022	12/21/2022
CA	CUPA TUOLUMNE	CUPA Facility List	Divison of Environmental Health	04/23/2018	04/25/2018	06/25/2018
CA	BWT VENTURA	Business Plan, Hazardous Waste Producers, and Operating Unde	Ventura County Environmental Health Division	07/02/2024	07/17/2024	07/23/2024
CA	LF VENTURA	Inventory of Illegal Abandoned and Inactive Sites	Environmental Health Division	12/01/2011	12/01/2011	01/19/2012
CA	LUST VENTURA	Listing of Underground Tank Cleanup Sites	Environmental Health Division	05/29/2008	06/24/2008	07/31/2008
CA	MED WASTE VENTURA	Medical Waste Program List	Ventura County Resource Management Agency	07/02/2024	07/18/2024	07/23/2024
CA	UST VENTURA	Underground Tank Closed Sites List	Environmental Health Division	08/27/2024	09/04/2024	11/13/2024
CA	UST YOLO	Underground Storage Tank Comprehensive Facility Report	Yolo County Department of Health	09/18/2024	09/25/2024	12/13/2024
CA	CUPA YUBA	CUPA Facility List	Yuba County Environmental Health Department	10/17/2024	10/22/2024	01/10/2025

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

St	Acronym	Full Name	Government Agency	Gov Date	Arvl. Date	Active Date

STREET AND ADDRESS INFORMATION

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APPENDIX B

Phase I Environmental Site Assessment Client Questionnaire
ASTM 1527-21: All Appropriate Inquiries

Property Location: 3086 W. Mt. Whitney Ave. Riverdale, CA 93656
APN#:

1) Are you aware of any environmental cleanup liens against the *property* that are filed or recorded under federal, tribal, state, or local law?

   No.

2) Are you aware of any *Activity and Land Use Limitations* (AULs) such as *engineering controls*, land use restrictions, or *institutional controls* that are in place at the site and/or have been filed or recorded in a registry under federal, tribal, state, or local law?

   No.

3) As the *user* of this ESA do you have any specialized knowledge or experience related to the *property* or nearby properties? For example, are you involved in the same line of business as the current or former *occupants* of the *property* or an adjoining *property* so that you would have specialized knowledge of the chemicals and processes used by this type of business?

   Yes, this is school district land.

4) Does the purchase price being paid for this *property* reasonably reflect the fair market value of the *property*? If you conclude that there is a difference, have you considered whether the lower price is because contamination is known or believed to be present at the *property*?

   Property is already owned by the school district.

5) Are you aware of commonly known or *reasonably ascertainable* information about the *property* that would help the *environmental professional* to identify conditions indicative of releases or threatened releases? For example, as the *user*: Yes.

a) Do you know the past uses of the *property*?
Yes.

b) Do you know of specific chemicals that are present or once were present at the *property*?

Yes, to a certain extent. The school district owned farmland in this project has been leased to the same operator for multiple decades.

c) Do you know of spills or other chemical releases that have taken place at the *property*?
No.

d) Do you know of any environmental cleanups that have taken place at the *property*?
No.

6) As the *user* of this *ESA*, based on your knowledge and experience related to the *property* are there any *obvious* indicators that point to the presence or likely presence of contamination at the *property*?

Completed by:

Name: Jeff Percell / John Nunes

Title: Superintendent / Director of Maintenance and Facilities

Signature: _____ Date: April 11, 2025

Glossary of Terms:

Activity and Land Use Limitations: legal or physical restrictions or limitations on the use of, or access to, a site or facility; (1) to reduce or eliminate potential exposure to *hazardous substances* or *petroleum products* in the soil or groundwater on the *property*, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to the public health or the environment. These legal or physical restrictions, which may include institutional or *engineering controls*, are intended to prevent adverse impacts to individuals or populations which may be exposed to *hazardous substances* and *petroleum products* in the soil or groundwater on the *property*.

All Appropriate Inquiry: that inquiry constituting "all appropriate inquiry into the previous ownership and uses of the property consistent with commercial or customary practice" as defined in CERCLA, 42 U.S.C. §9601 (35)(B), that will qualify a party to a *commercial real estate transaction* for one of threshold criteria for satisfying the LLPs to CERCLA liability (42 U.S.C. §9601 (35)(A) & (B), §9607(b)(3), §9607(q); and §9607(r)), assuming compliance with other elements of the defense.

Commercial Real Estate: any real *property* except a dwelling or *property* with no more than four dwelling units exclusively for residential use (except that a dwelling or *property* with no more than four dwelling units exclusively for residential use is included in this term when it has a commercial function, as in the building of such dwellings for profit). This term includes but is not limited to undeveloped real property and real property used for industrial, retail, office, agricultural, other commercial, medical, or educational purposes; *property* used for residential purposes that has more than four residential dwelling units for residential use when it has a commercial function, as in the building of such dwellings for profit.

Commercial Real Estate Transaction: a transfer of title to or possession of real *property* or the receipt of a security interest in real *property*, except that it does not include transfer of title to or possession of real *property* or the receipt of a security interest in real *property* with respect to an individual dwelling or building fewer than five dwelling units, nor does it include the purchase of a lot or lots to construct a dwelling for occupancy by a purchaser, but a *commercial real estate* transaction does include real *property* purchased or leased by persons or entities in the business of building or developing dwelling units.

Engineering Controls: physical modifications to a site or facility (for example: capping, slurry walls, or point of use water treatment) to reduce or eliminate the potential for exposure to *hazardous substances* or *petroleum products* in the soil or groundwater on the property. Engineering controls are a type of activity and use limitation (AUL).

Environmental Professional: a person meeting the education, training, and experience requirements as set forth in 40 CFR §312.10(b). The person may be an independent contractor or an employee of the *user*.

Environmental Site Assessment (ESA): the process by which a person or entity seeks to determine if a particular parcel of real *property* (including improvements) is subject to *recognized environmental conditions*. At the option of the *user,* an ESA may include more inquiry than that constituting *all appropriate inquiry* or, if the *user* is not concerned about qualifying for the *LLPs*, less inquiry than that constituting *all appropriate inquiry*. An ESA is both different from and less rigorous than an environmental compliance audit.

Hazardous Substance: a substance defined as a hazardous substance pursuant to CERCLA 42 U.S.C. §9601(14), as interpreted by EPA regulations and the courts: "(A) any substance designated pursuant to section 1321(b)(2)(A) of Title 33, (B) any element, compound, mixture, solution, or substance designated pursuant to section 9602 of this title, (C) any *hazardous waste* having the characteristics identified under or listed pursuant to section 3001 of the Resource Conservation and Recovery Act of 1976 (RCRA), as amended, (42 U.S.C. §6921), (but not including any waste the regulation of which under RCRA(42 U.S.C. §§6901 *et. seq*.) has been suspended by Act of Congress), (D) any toxic pollutant listed under section 1317(a) of Title 33, (E) any hazardous air pollutant listed under section 112 of the Clean Air Act (42 U.S.C. 7412), and (F) any imminently hazardous chemical substance or mixture with respect to which the Administrator (of EPA) has taken action pursuant to section 2606 of Title 15. This term does not include petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or

designated as a hazardous substance under subparagraphs (A) through (F) of this paragraph, and the term does not include natural gas, natural gas liquids, liquefied natural gas, or synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).

Hazardous Waste: any hazardous waste having the characteristics identified under or listed pursuant to section 3001 of RCRA, as amended, (42 U.S.C. §6921) (but not including any waste the regulation of which under RCRA (42 U.S.C. §§6901-6992k) has been suspended by Act of Congress). RCRA is sometimes also identified as the Solid Waste Disposal Act. RCRA defines a hazardous waste , at 42 U.S.C. §6903, as : "a solid waste, or combination of solid wastes, which because of its quantity, concentration, or physical, chemical, or infectious characteristics may – (A) cause, or increase in serious irreversible, or incapacitating reversible, illness; or (B) pose a substantial present or potential hazard to human health or the environment when improperly treated, stored, transported, or disposed of, or otherwise managed."

Institutional Controls: a legal or administrative restriction (for example, deed restrictions," restrictive covenants, easement or zoning) on the use of, or access to, a site or facility to (1) reduce or eliminate potential exposure to h*azardous substances* or *petroleum products* in the soil or ground water on the *property*, or (2) to prevent activities that could interfere with the effectiveness of a response action, in order to ensure maintenance of a condition of no significant risk to public health or the environment.

Occupants: those tenants, subtenants, or other persons or entities using the *property* or a portion of the *property*.

Owner: generally the fee owner of record of the property.

Petroleum Products: those substances included within the meaning of the petroleum exclusion to CERCLA, 42 U.S.C. §9601(14), as interpreted by the courts and EPA, that is: petroleum, including crude oil or any fraction thereof which is not otherwise specifically listed or designated as a *hazardous substance* under Subparagraphs (A) through (F) of 42 U.S.C. §9601(14), natural gas, natural gas liquids, liquefied natural gas, and synthetic gas usable for fuel (or mixtures of natural gas and such synthetic gas).

Property: the real *property* that is the subject of the *environmental site assessment* described in this practice. Real *property* includes buildings and other fixtures and improvements located on the *property* and affixed to the land.

Reasonable Ascertainable: information that is (1) *publicly available,* (2) obtainable from its source within reasonable time and cost constraints, and (3) *practically reviewable*.

Recognized Environmental Conditions (RECs): the presence or likely presence of any *hazardous substances* or *petroleum products* on a *property* under conditions that indicate an existing release, a past release, or a material threat of a release of any *hazardous substances* or *petroleum products* into structures on the property or into the ground, groundwater, or surface water of the property. The term includes hazardous substances or petroleum products even under conditions in compliance with the laws. The term is not intended to include de minimis conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be de minimis are not RECs.

User: the party seeking to use Practice E 1527 to complete an environmental site assessment of the property. A *user* may include, without limitation, a potential purchaser of the *property*, a potential tenant of the *property*, an owner of the *property*, a lender, or a *property* manager.

APPENDIX C

Photo 1: View of ponding basin located on and adjacent to northwest corner of the Subject Property. This basin qualifies as an **on-Subject Property REC** and an **off-Subject Property REC** and is located in Stage 2 of the project**.**

Photo 2: View of canal north of the Subject Property facing east. This canal qualifies as an **off-Subject Property REC.**

Photo 3: View of Subject Property interior in Stage 3 portion of the project facing south from near the northwestern corner.

Photo 4: View of stand pipe located adjacent to the northeastern corner of the Subject Property.

Photo 5: View of Subject Property interior in Stage 3 portion of the project facing southwest from unpaved road that runs along the eastern boundary of the northern section of the Subject Property.

Photo 6: View of stand pipe located on adjacent property to the east of the Subject Property.

Photo 7: View of two ASTs located on adjacent property to the east of the Subject Property.

Photo 8: View of empty mobile water AST located by the Ag Barn in Stage 2 portion of the project. BSK confirmed with Riverdale Unified School District that this AST has been used for only water.

Photo 9: View of interior of Ag Barn storage area in Stage 2 portion of the project. Note, concrete floor. Chemical storage qualifies as an **on-Subject Property REC.** Please note, the 55-gallon drum is reportedly used to store pig feed and does not qualify as a REC.

Photo 10: View of ag barn building looking west in Stage 2 portion of the project.

Photo 11: View of pad-mounted transformer and base rock pile outside of Maintenance yard facing south along western boundary of the Subject Property in Stage 3 portion of the project. BSK did not observe evidence of staining at the pad-mounted transformer. According to Riverdale Unified School District, the pile in the photo was left over base rock from a previous project and therefore does not qualify as a REC.

Photo 12: View of Subject Property interior in Stage 2 portion of the project facing northeast from north of the Maintenance yard.

Photo 13: View of stand pipe and associated irrigation well located on adjacent property to the west of the Subject Property.

Photo 14: View of landscaping piles on northern end of the parking lot within the Subject Property in Stage 1 portion of the project.

Photo 15: View of landscaping piles on northern end of the parking lot within the Subject Property in Stage 1 portion of the project.

Photo 16: View of electrical boxes west of the football field within the Subject Property in Stage 1 portion of the project. BSK did not see evidence of a release and do not qualify as a REC.

Photo 17: View of parking lot facing west from the berm on the northern side of the football field in Stage 1 portion of the project.

Photo 18: View of football field facing south from the berm on the northern side of the football field in Stage 1 portion of the project.

Photo 19: View of irrigation well building near southwestern corner of the football field in Stage 1 portion of the project.

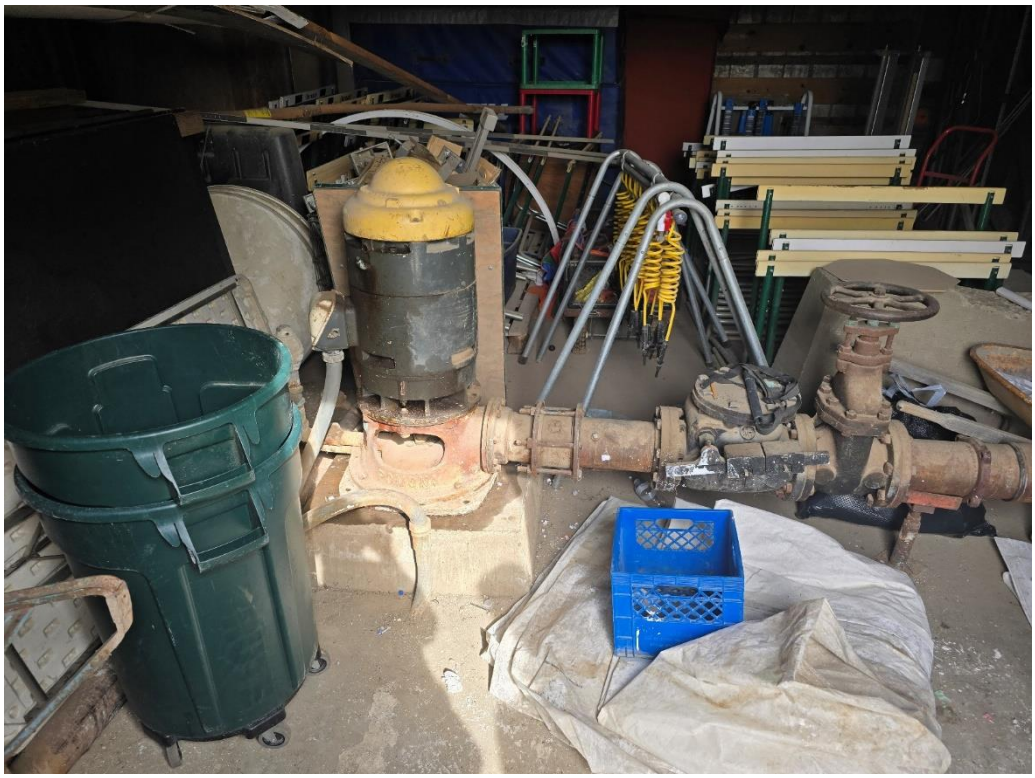

Photo 20: View of interior of irrigation well building near southwestern corner of the football field in Stage 1 portion of the project. Note the concrete floor. Also note the irrigation well with visible staining is considered an **on-Subject Property REC.**

Photo 21: View of Varsity baseball field, bathrooms, and storage buildings facing west in Stage 1 portion of the project.

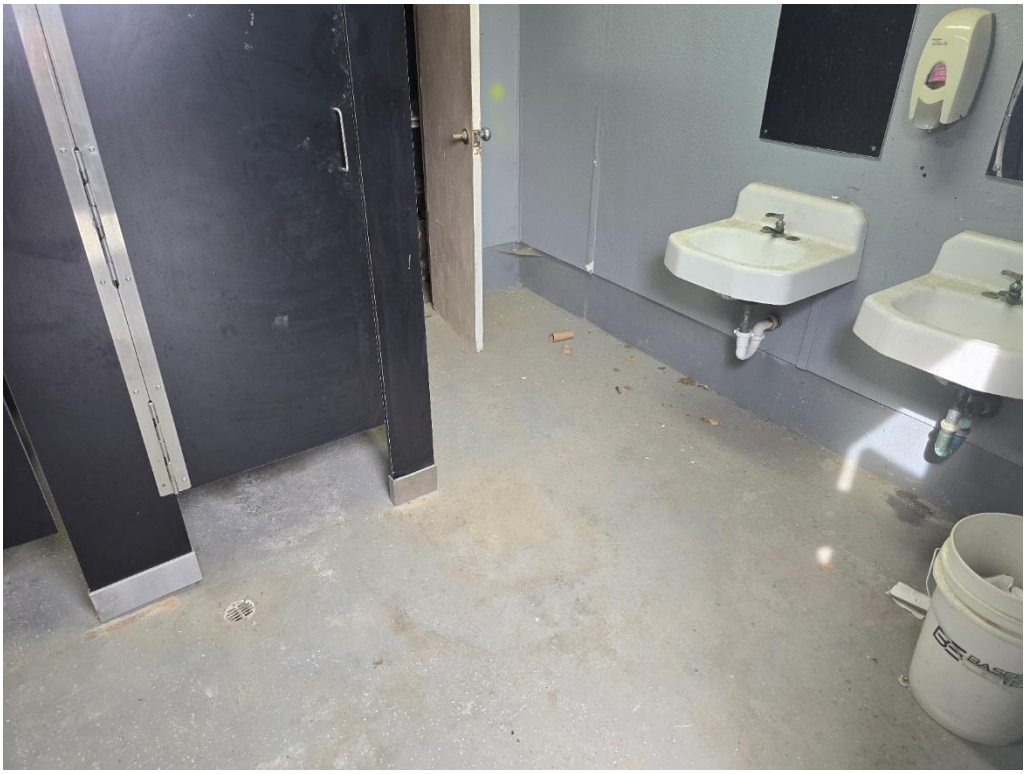

Photo 22: View of interior of bathroom adjacent to the Varsity baseball field on the Subject Property in Stage 1 portion of the project.

Photo 23: Snack shack at the south end of the football field in Stage 1 portion of the project.

Photo 24: Snack shack area looking northeast from the southern Subject Property Boundary in Stage 1 portion of the project.

APPENDIX D

Environmental Due Diligence
Owner/Occupant Questionnaire

Please complete a response to each question to the best of your knowledge.

1. Information about the person completing the questionnaire form:

   Name: Jeff Percell / John Nunes Date: April 11, 2025

   - Telephone Number: (559) 867-8200
   - Email: jpercell@rjusd.org / johnnunes@rjusd.org
   - Address: 3160 W. Mt. Whitney Ave. Riverdale, CA 93656
   - What is your relationship to the site? Superintendent / Director of Maintenance
   - What year did your first-*hand knowledge* of the site begin? 2005 / 2021

2. Site Address and/or APN Number(s): 3086 W. Mt. Whitney Ave. Riverdale, CA 93656
3. Size of the site in acres: 21.78 acres
4. Site Ownership and Usage:
   - Site owner: Riverdale Joint Unified School District
   - Site occupants and site use(s): Riverdale High School / farmland leased by Mt. Whitney Dairy
   - When was the Site first occupied? 1916
   - What is the Site history and current use? Riverdale High School and adjacent farmland (owned by the school district and farmed by Mt. Whitney Dairy by way of lease)
   - Previous site owners and occupants: Unknown
   - Date(s) of property transfers/lease: Property deed dated October 26, 1916
5. Site Features and Conditions:
   - Did the site ever have or currently have the following? (Please circle or highlight)

~~Underground storage fuel tanks~~
~~Above-ground storage tanks~~
~~Ponds, pits or lagoons~~
~~Septic tank~~
Water wells ~~or disposal wells~~
~~Wash rack area~~
Storm drains
Electric transformers
~~Stationary hydraulic lifts~~
Fill material or imported soil
~~Pipelines~~
~~Rail line or rail spurs~~
~~Stained soils or sheen on water~~
Use of pesticides
Other:

Environmental Due Diligence
Owner/Occupant Questionnaire

Please complete a response to each question to the best of your knowledge.

If so, please describe the nature of any releases including any hazardous substances.

To the best of our knowledge, there are no know releases including hazardous substances.

6. To your knowledge are you aware of the following past or present conditions, if so please describe:

   - Previous site activities or operations including manufacturing, dry cleaning, vehicle repair, photo-processing, junkyard or waste storage, recycling facility, painting facility or pest control facility, or other industrial or commercial operations that may store or dispose of waste: No
   - Previous environmental assessments or investigations, if so when? No
   - Materials that contained lead based paint or asbestos or surveys conducted to determine the presence of these materials: Annual inspections for asbestos take place. Lead testing takes place regarding water and paint as necessary.
   - Waste generation or disposal on site and types of hazardous substances or petroleum: No
   - Environmental liens against the property, if so please describe: No
   - Notice of violations for environmental concerns from a regulatory agency: No
   - Other Information: N/A

7. Utilities: Please describe the name of service providers for the following:

   - Water supply – Riverdale Public Utilities District, Riverdale Irrigation District (farmland)
   - Gas and electricity – SoCal Gas, PG&E, Tesla (solar)
   - Heating oil – N/A
   - Sanitary sewer disposal – Riverdale Public Utilities District
   - Garbage disposal – Mid Valley Disposal
   - Industrial wastewater disposal – N/A
   - Storm water disposal – Riverdale Public Utilities District plus basin on property

Completed by:

Name: Jeff Percell and John Nunes

Environmental Due Diligence
Owner/Occupant Questionnaire

Please complete a response to each question to the best of your knowledge.

Title: Superintendent / Director of Maintenance and Facilities

Signature: _____ Date: April 11, 2025

APPENDIX E

BSK Associates Laboratory Fresno
687 N. Laverne Avenue
Fresno, CA 93727
559-497-2888 (Main)

AID0215
4/11/2025
Invoice: AI10584

Kevin Grove
BSK Associates - Fresno
691 N. Laverne Ave, Suite 101
Fresno, CA 93727

RE: Report for AID0215 Riverdale HS E2500088

Dear Kevin Grove,

Thank you for using BSK Associates for your analytical testing needs. In the following pages, you will find the test results for the samples submitted to our laboratory on 4/1/2025. The results have been approved for release by our Laboratory Director as indicated by the authorizing signature below.

The samples were analyzed for the test(s) indicated on the Chain of Custody (see attached) and the results relate only to the samples analyzed. BSK certifies that the testing was performed in accordance with the quality system requirements specified in the 2016 TNI Standard. Any deviations from this standard or from the method requirements for each test procedure performed will be annotated alongside the analytical result or noted in the Case Narrative. Unless otherwise noted, the sample results are reported on an "as received" basis.

This certificate of analysis shall not be reproduced except in full, without written approval of the laboratory.

If additional clarification of any information is required, please contact your Client Services Representative, Elaine M. Phillips , at 559-497-2888.

Thank you again for using BSK Associates. We value your business and appreciate your loyalty.

Sincerely,

Elaine M. Phillips, Project Manager

Accredited in Accordance with NELAP
ORELAP #4021

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Case Narrative

Project and Report Details		Invoice Details	
Client:	BSK Associates - Fresno	**Invoice To:**	BSK Associates - Corporate
Report To:	Kevin Grove	**Invoice Attn:**	BSK Associates-Corp
Project #:	-	**Project PO#:**	-
Received:	4/01/2025 - 13:59		
Report Due:	4/10/2025		

Sample Receipt Conditions

Cooler: Default Cooler

Temperature on Receipt ºC: 16.4

Containers Intact
COC/Labels Agree
Received On Ice
Sample(s) arrived at lab on same day sampled.
Packing Material - Other
Initial receipt at BSK-FAL

Data Qualifiers

The following qualifiers have been applied to one or more analytical results:

MS1.0	Matrix spike recoveries exceed control limits.
MS1.2	Matrix spike recovery exceeds lower control limit. Reported results for parent matrix should be considered estimated due to matrix interferences.
MS1.5	Matrix spike recovery exceeds upper control limit. No material impact as parent sample results are Non-Detected.
MS2.1	MS/MSD RPD exceeds control limit. Reportable results in parent sample may have some degree of variability, higher than that inherent in the method.
SR1.0	Surrogate recovery exceeds upper control limit. No material impact as associated analytes are Non-Detect.

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AID0215-05
Sampled By: Jill Vieira
Sample Description: Composite 1 (1A, 1B, 1C, 1D)

Sample Date - Time: 04/01/2025 - 09:05
Matrix: Solid
Sample Type: Composite

Composite Start: 04/01/2025 - 08:35

BSK Associates Laboratory Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Organochlorine Pesticides by GC-ECD									
4,4'-DDD	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/09/25	
4,4'-DDE	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/09/25	
4,4'-DDT	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/09/25	MS1.2
Aldrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/09/25	
alpha-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/09/25	
beta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/09/25	
delta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/09/25	
Lindane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/09/25	MS1.5
Chlordane (Technical)	EPA 8081B	ND	50	ug/kg	1	AID0232	04/03/25	04/09/25	
Dieldrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/09/25	
Endosulfan I	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/09/25	
Endosulfan II	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/09/25	
Endosulfan Sulfate	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/09/25	
Endrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/09/25	
Endrin Aldehyde	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/09/25	
Endrin Ketone	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/09/25	MS1.2
Heptachlor	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/09/25	
Heptachlor Epoxide	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/09/25	
Methoxychlor	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/09/25	MS1.2
Toxaphene	EPA 8081B	ND	50	ug/kg	1	AID0232	04/03/25	04/09/25	
alpha-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/09/25	
gamma-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/09/25	
Surrogate: Decachlorobiphenyl	EPA 8081B	65 %	*Acceptable range: 10-138 %*						
Surrogate: TCMX	EPA 8081B	64 %	*Acceptable range: 10-138 %*						

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AID0215-06
Sampled By: Jill Vieira
Sample Description: 1D Arsenic

Sample Date - Time: 04/01/2025 - 09:10
Matrix: Solid
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 6020	**4.5**	2.5	mg/kg	1	AID0327	04/04/25	04/09/25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AID0215-11
Sampled By: Jill Vieira
Sample Description: Composite 2 (2A, 2B, 2C, 2D)

Sample Date - Time: 04/01/2025 - 09:35
Matrix: Solid
Sample Type: Composite

Composite Start: 04/01/2025 - 09:10

BSK Associates Laboratory Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Organochlorine Pesticides by GC-ECD									
4,4'-DDD	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
4,4'-DDE	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
4,4'-DDT	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Aldrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
alpha-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
beta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
delta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Lindane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Chlordane (Technical)	EPA 8081B	ND	50	ug/kg	1	AID0232	04/03/25	04/10/25	
Dieldrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan I	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan II	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan Sulfate	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin Aldehyde	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin Ketone	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Heptachlor	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Heptachlor Epoxide	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Methoxychlor	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Toxaphene	EPA 8081B	ND	50	ug/kg	1	AID0232	04/03/25	04/10/25	
alpha-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
gamma-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Surrogate: Decachlorobiphenyl	EPA 8081B	90 %	*Acceptable range: 10-138 %*						
Surrogate: TCMX	EPA 8081B	73 %	*Acceptable range: 10-138 %*						

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AID0215-12
Sampled By: Jill Vieira
Sample Description: 2D Arsenic

Sample Date - Time: 04/01/2025 - 09:40
Matrix: Solid
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 6020	**2.9**	2.5	mg/kg	1	AID0327	04/04/25	04/09/25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AID0215-17
Sampled By: Jill Vieira
Sample Description: Composite 3 (3A, 3B, 3C, 3D)

Sample Date - Time: 04/01/2025 - 11:45
Matrix: Solid
Sample Type: Composite

Composite Start: 04/01/2025 - 09:50

BSK Associates Laboratory Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Organochlorine Pesticides by GC-ECD									
4,4'-DDD	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
4,4'-DDE	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
4,4'-DDT	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Aldrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
alpha-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
beta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
delta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Lindane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Chlordane (Technical)	EPA 8081B	ND	50	ug/kg	1	AID0232	04/03/25	04/10/25	
Dieldrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan I	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan II	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan Sulfate	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin Aldehyde	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin Ketone	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Heptachlor	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Heptachlor Epoxide	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Methoxychlor	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Toxaphene	EPA 8081B	ND	50	ug/kg	1	AID0232	04/03/25	04/10/25	
alpha-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
gamma-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Surrogate: Decachlorobiphenyl	EPA 8081B	90 %	*Acceptable range: 10-138 %*						
Surrogate: TCMX	EPA 8081B	79 %	*Acceptable range: 10-138 %*						

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AID0215-18
Sampled By: Jill Vieira
Sample Description: 3D Arsenic

Sample Date - Time: 04/01/2025 - 11:50
Matrix: Solid
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 6020	**4.9**	2.5	mg/kg	1	AID0327	04/04/25	04/09/25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AID0215-23
Sampled By: Jill Vieira
Sample Description: Composite 4 (4A, 4B, 4C, 4D)

Sample Date - Time: 04/01/2025 - 11:30
Matrix: Solid
Sample Type: Composite

Composite Start: 04/01/2025 - 10:25

BSK Associates Laboratory Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Organochlorine Pesticides by GC-ECD									
4,4'-DDD	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
4,4'-DDE	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
4,4'-DDT	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Aldrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
alpha-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
beta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
delta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Lindane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Chlordane (Technical)	EPA 8081B	ND	50	ug/kg	1	AID0232	04/03/25	04/10/25	
Dieldrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan I	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan II	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan Sulfate	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin Aldehyde	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin Ketone	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Heptachlor	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Heptachlor Epoxide	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Methoxychlor	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Toxaphene	EPA 8081B	ND	50	ug/kg	1	AID0232	04/03/25	04/10/25	
alpha-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
gamma-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Surrogate: Decachlorobiphenyl	EPA 8081B	90 %	*Acceptable range: 10-138 %*						
Surrogate: TCMX	EPA 8081B	81 %	*Acceptable range: 10-138 %*						

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AID0215-24
Sampled By: Jill Vieira
Sample Description: 4D Arsenic

Sample Date - Time: 04/01/2025 - 11:35
Matrix: Solid
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 6020	**5.2**	2.5	mg/kg	1	AID0327	04/04/25	04/09/25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AID0215-29
Sampled By: Jill Vieira
Sample Description: Composite 5 (5A, 5B, 5C, 5D)

Sample Date - Time: 04/01/2025 - 11:10
Matrix: Solid
Sample Type: Composite

Composite Start: 04/01/2025 - 10:45

BSK Associates Laboratory Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Organochlorine Pesticides by GC-ECD									
4,4'-DDD	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
4,4'-DDE	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
4,4'-DDT	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Aldrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
alpha-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
beta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
delta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Lindane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Chlordane (Technical)	EPA 8081B	ND	50	ug/kg	1	AID0232	04/03/25	04/10/25	
Dieldrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan I	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan II	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan Sulfate	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin Aldehyde	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin Ketone	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Heptachlor	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Heptachlor Epoxide	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Methoxychlor	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Toxaphene	EPA 8081B	ND	50	ug/kg	1	AID0232	04/03/25	04/10/25	
alpha-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
gamma-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Surrogate: Decachlorobiphenyl	EPA 8081B	78 %	*Acceptable range: 10-138 %*						
Surrogate: TCMX	EPA 8081B	82 %	*Acceptable range: 10-138 %*						

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AID0215-30
Sampled By: Jill Vieira
Sample Description: 5D Arsenic

Sample Date - Time: 04/01/2025 - 11:15
Matrix: Solid
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 6020	**4.8**	2.5	mg/kg	1	AID0327	04/04/25	04/09/25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AID0215-34
Sampled By: Jill Vieira
Sample Description: Composite 6 (6A, 6B, 6C)

Sample Date - Time: 04/01/2025 - 12:25
Matrix: Solid
Sample Type: Composite

Composite Start: 04/01/2025 - 11:15

BSK Associates Laboratory Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Organochlorine Pesticides by GC-ECD									
4,4'-DDD	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
4,4'-DDE	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
4,4'-DDT	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Aldrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
alpha-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
beta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
delta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Lindane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Chlordane (Technical)	EPA 8081B	ND	50	ug/kg	1	AID0232	04/03/25	04/10/25	
Dieldrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan I	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan II	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan Sulfate	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin Aldehyde	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin Ketone	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Heptachlor	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Heptachlor Epoxide	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Methoxychlor	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Toxaphene	EPA 8081B	ND	50	ug/kg	1	AID0232	04/03/25	04/10/25	
alpha-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
gamma-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Surrogate: Decachlorobiphenyl	EPA 8081B	77 %	*Acceptable range: 10-138 %*						
Surrogate: TCMX	EPA 8081B	152 %	*Acceptable range: 10-138 %*			*Qualifiers -*	*SR1.0*		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AID0215-35
Sampled By: Jill Vieira
Sample Description: 6C Arsenic

Sample Date - Time: 04/01/2025 - 12:30
Matrix: Solid
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 6020	**2.9**	2.5	mg/kg	1	AID0327	04/04/25	04/09/25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Metals Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 6020 - Quality Control											
Batch: AID0327										Prepared: 4/4/2025	
Prep Method: EPA 3050B										Analyst: EEK	
Blank (AID0327-BLK1)											
Arsenic	ND	2.5	mg/kg							04/09/25	
Blank Spike (AID0327-BS1)											
Arsenic	110	2.5	mg/kg	100	ND	104	75-125			04/09/25	
Blank Spike Dup (AID0327-BSD1)											
Arsenic	110	2.5	mg/kg	100	ND	110	75-125	4	20	04/09/25	
Matrix Spike (AID0327-MS1), Source: AID0215-06											
Arsenic	100	2.5	mg/kg	100	4.5	95	75-125			04/09/25	
Matrix Spike Dup (AID0327-MSD1), Source: AID0215-06											
Arsenic	110	2.5	mg/kg	98	4.5	106	75-125	7	20	04/09/25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 8081B - Quality Control											
Batch: AID0232										Prepared: 4/3/2025	
Prep Method: EPA 3546										Analyst: RDH	
Blank (AID0232-BLK1)											
4,4'-DDD	ND	5.0	ug/kg							04/09/25	
4,4'-DDE	ND	5.0	ug/kg							04/09/25	
4,4'-DDT	ND	5.0	ug/kg							04/09/25	
Aldrin	ND	5.0	ug/kg							04/09/25	
alpha-BHC	ND	5.0	ug/kg							04/09/25	
beta-BHC	ND	5.0	ug/kg							04/09/25	
delta-BHC	ND	5.0	ug/kg							04/09/25	
Lindane	ND	5.0	ug/kg							04/09/25	
Chlordane (Technical)	ND	50	ug/kg							04/09/25	
Dieldrin	ND	5.0	ug/kg							04/09/25	
Endosulfan I	ND	5.0	ug/kg							04/09/25	
Endosulfan II	ND	5.0	ug/kg							04/09/25	
Endosulfan Sulfate	ND	5.0	ug/kg							04/09/25	
Endrin	ND	5.0	ug/kg							04/09/25	
Endrin Aldehyde	ND	5.0	ug/kg							04/09/25	
Endrin Ketone	ND	5.0	ug/kg							04/09/25	
Heptachlor	ND	5.0	ug/kg							04/09/25	
Heptachlor Epoxide	ND	5.0	ug/kg							04/09/25	
Methoxychlor	ND	5.0	ug/kg							04/09/25	
Toxaphene	ND	50	ug/kg							04/09/25	
alpha-Chlordane	ND	5.0	ug/kg							04/09/25	
gamma-Chlordane	ND	5.0	ug/kg							04/09/25	
Surrogate: Decachlorobiphenyl	*8.5*			*9.4*		*91*	*10-138*			04/09/25	
Surrogate: TCMX	*8.4*			*9.4*		*90*	*10-138*			04/09/25	
Blank Spike (AID0232-BS1)											
4,4'-DDD	9.4	5.0	ug/kg	10	ND	94	40-134			04/09/25	
4,4'-DDE	8.9	5.0	ug/kg	10	ND	89	46-139			04/09/25	
4,4'-DDT	9.1	5.0	ug/kg	10	ND	91	38-156			04/09/25	
Aldrin	9.1	5.0	ug/kg	10	ND	91	44-125			04/09/25	
alpha-BHC	8.7	5.0	ug/kg	10	ND	87	30-137			04/09/25	
beta-BHC	8.6	5.0	ug/kg	10	ND	86	40-155			04/09/25	
delta-BHC	8.8	5.0	ug/kg	10	ND	88	11-139			04/09/25	
Lindane	9.1	5.0	ug/kg	10	ND	91	37-140			04/09/25	
Dieldrin	9.4	5.0	ug/kg	10	ND	94	39-137			04/09/25	
Endosulfan I	8.2	5.0	ug/kg	10	ND	82	38-132			04/09/25	
Endosulfan II	8.9	5.0	ug/kg	10	ND	89	34-138			04/09/25	
Endosulfan Sulfate	9.3	5.0	ug/kg	10	ND	93	38-144			04/09/25	
Endrin	8.9	5.0	ug/kg	10	ND	89	22-161			04/09/25	
Endrin Aldehyde	8.5	5.0	ug/kg	10	ND	85	42-142			04/09/25	
Endrin Ketone	9.4	5.0	ug/kg	10	ND	94	70-130			04/09/25	
Heptachlor	9.0	5.0	ug/kg	10	ND	90	44-133			04/09/25	
Heptachlor Epoxide	9.2	5.0	ug/kg	10	ND	92	46-137			04/09/25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 8081B - Quality Control											
Batch: AID0232										Prepared: 4/3/2025	
Prep Method: EPA 3546										Analyst: RDH	
Blank Spike (AID0232-BS1)											
Methoxychlor	9.6	5.0	ug/kg	10	ND	96	42-161			04/09/25	
alpha-Chlordane	8.8	5.0	ug/kg	10	ND	88	50-150			04/09/25	
gamma-Chlordane	10	5.0	ug/kg	10	ND	100	50-150			04/09/25	
Surrogate: Decachlorobiphenyl	*9.3*			*9.4*		*99*	*10-138*			04/09/25	
Surrogate: TCMX	*9.2*			*9.4*		*98*	*10-138*			04/09/25	
Matrix Spike (AID0232-MS1), Source: AID0215-05											
4,4'-DDD	6.6	5.0	ug/kg	9.9	ND	66	40-134			04/09/25	
4,4'-DDE	7.1	5.0	ug/kg	9.9	ND	71	46-139			04/09/25	
4,4'-DDT	3.9	5.0	ug/kg	9.9	ND	39	38-156			04/09/25	
Aldrin	5.9	5.0	ug/kg	9.9	ND	59	44-125			04/09/25	
alpha-BHC	5.5	5.0	ug/kg	9.9	ND	55	30-137			04/09/25	
beta-BHC	4.8	5.0	ug/kg	9.9	ND	48	40-155			04/09/25	
delta-BHC	5.9	5.0	ug/kg	9.9	ND	60	11-139			04/09/25	
Lindane	29	5.0	ug/kg	9.9	ND	291	37-140			04/09/25	MS1.0 ***High***
Dieldrin	6.1	5.0	ug/kg	9.9	ND	62	39-137			04/09/25	
Endosulfan I	4.9	5.0	ug/kg	9.9	ND	49	38-132			04/09/25	
Endosulfan II	5.3	5.0	ug/kg	9.9	ND	54	34-138			04/09/25	
Endosulfan Sulfate	5.0	5.0	ug/kg	9.9	ND	51	38-144			04/09/25	
Endrin	5.4	5.0	ug/kg	9.9	ND	55	22-161			04/09/25	
Endrin Aldehyde	4.7	5.0	ug/kg	9.9	ND	47	42-142			04/09/25	
Endrin Ketone	5.1	5.0	ug/kg	9.9	ND	51	70-130			04/09/25	MS1.0 ***Low***
Heptachlor	6.0	5.0	ug/kg	9.9	ND	61	44-133			04/09/25	
Heptachlor Epoxide	6.3	5.0	ug/kg	9.9	ND	64	46-137			04/09/25	
Methoxychlor	4.1	5.0	ug/kg	9.9	ND	41	42-161			04/09/25	MS1.0 ***Low***
alpha-Chlordane	5.2	5.0	ug/kg	9.9	ND	53	50-150			04/09/25	
gamma-Chlordane	6.9	5.0	ug/kg	9.9	ND	70	50-150			04/09/25	
Surrogate: Decachlorobiphenyl	*5.5*			*9.3*		*60*	*10-138*			04/09/25	
Surrogate: TCMX	*5.8*			*9.3*		*63*	*10-138*			04/09/25	
Matrix Spike Dup (AID0232-MSD1), Source: AID0215-05											
4,4'-DDD	7.6	5.0	ug/kg	9.9	ND	77	40-134	15	30	04/10/25	
4,4'-DDE	7.1	5.0	ug/kg	9.9	ND	72	46-139	1	30	04/10/25	
4,4'-DDT	2.3	5.0	ug/kg	9.9	ND	23	38-156	53	30	04/10/25	MS1.0 ***Low***, MS2.1
Aldrin	6.0	5.0	ug/kg	9.9	ND	61	44-125	3	30	04/10/25	
alpha-BHC	5.9	5.0	ug/kg	9.9	ND	59	30-137	7	30	04/10/25	
beta-BHC	5.3	5.0	ug/kg	9.9	ND	54	40-155	12	30	04/10/25	
delta-BHC	6.2	5.0	ug/kg	9.9	ND	62	11-139	4	30	04/10/25	
Lindane	33	5.0	ug/kg	9.9	ND	331	37-140	13	30	04/10/25	MS1.0 ***High***
Dieldrin	7.0	5.0	ug/kg	9.9	ND	71	39-137	14	30	04/10/25	
Endosulfan I	5.3	5.0	ug/kg	9.9	ND	54	38-132	9	30	04/10/25	
Endosulfan II	5.8	5.0	ug/kg	9.9	ND	59	34-138	9	30	04/10/25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 8081B - Quality Control											
Batch: AID0232										Prepared: 4/3/2025	
Prep Method: EPA 3546										Analyst: RDH	
Matrix Spike Dup (AID0232-MSD1), Source: AID0215-05											
Endosulfan Sulfate	5.4	5.0	ug/kg	9.9	ND	54	38-144	7	30	04/10/25	
Endrin	5.8	5.0	ug/kg	9.9	ND	59	22-161	7	30	04/10/25	
Endrin Aldehyde	5.2	5.0	ug/kg	9.9	ND	52	42-142	9	30	04/10/25	
Endrin Ketone	5.1	5.0	ug/kg	9.9	ND	52	70-130	1	30	04/10/25	MS1.0 ***Low***
Heptachlor	5.4	5.0	ug/kg	9.9	ND	55	44-133	10	30	04/10/25	
Heptachlor Epoxide	6.1	5.0	ug/kg	9.9	ND	62	46-137	4	30	04/10/25	
Methoxychlor	3.1	5.0	ug/kg	9.9	ND	32	42-161	26	30	04/10/25	MS1.0 ***Low***
alpha-Chlordane	6.0	5.0	ug/kg	9.9	ND	61	50-150	14	30	04/10/25	
gamma-Chlordane	6.8	5.0	ug/kg	9.9	ND	69	50-150	1	30	04/10/25	
Surrogate: Decachlorobiphenyl	*6.6*			*9.3*		*71*	*10-138*			04/10/25	
Surrogate: TCMX	*6.1*			*9.3*		*66*	*10-138*			04/10/25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Notes:

- The Chain of Custody document and Sample Integrity Sheet are part of the analytical report.
- Any remaining sample(s) for testing will be disposed of according to BSK's sample retention policy unless other arrangements are made in advance.
- All positive results for EPA Methods 504.1 and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating Procedures.
- J-value is equivalent to DNQ (Detected, not quantified) which is a trace value. A trace value is an analyte detected between the MDL and the laboratory reporting limit. This result is of an unknown data quality and is only qualitative (estimated). Baseline noise, calibration curve extrapolation below the lowest calibrator, method blank detections, and integration artifacts can all produce apparent DNQ values, which contribute to the un-reliability of these values.
- (1) - Residual chlorine and pH analysis have a 15 minute holding time for both drinking and waste water samples as defined by the EPA and 40 CFR 136. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute holding time for dissolved metals.
- Field tests are outside the scope of laboratory accreditation and there is no certification available for field testing.
- Summations of analytes (i.e. Total Trihalomethanes) may appear to add individual amounts incorrectly, due to rounding of analyte values occurring before or after the total value is calculated, as well as rounding of the total value.
- RL Multiplier is the factor used to adjust the reporting limit (RL) due to variations in sample preparation procedures and dilutions required for matrix interferences.
- Due to the subjective nature of the Threshold Odor Method , all characterizations of the detected odor are the opinion of the panel of analysts. The characterizations can be found in Standard Methods 2170B Figure 2170:1.
- The MCLs provided in this report (if applicable) represent the primary MCLs for that analyte.
- (2) - Formerly known as Bis(2-Chloroisopropyl) ether.
  Unless otherwise noted, TOC results by SM 5310C method do not include purgeable organic carbon, which is removed along with the inorganic carbon interference. The POC contribution to TOC is considered to be negligible .

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Definitions

mg/L:	Milligrams/Liter (ppm)	MDL:	Method Detection Limit	MDA95:	Min. Detected Activity
mg/Kg:	Milligrams/Kilogram (ppm)	RL:	Reporting Limit: DL x Dilution	MPN:	Most Probable Number
µg/L:	Micrograms/Liter (ppb)	ND:	None Detected below MRL/MDL	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	pCi/L:	PicoCuries per Liter	Absent:	Less than 1 CFU/100mLs
%:	Percent	RL Mult:	RL Multiplier	Present:	1 or more CFU/100mLs
NR:	Non-Reportable	MCL:	Maximum Contaminant Limit	U:	The analyte was not detected at or above the reported sample quantitation limit.

Please see the individual Subcontract Lab's report for applicable certifications.

The following parameters are not available for certification through CA ELAP:

Odor Diisopropyl ether (DIPE) by EPA 524.2

The following parameters are calculated values and are outside the scope of our NELAP accreditation:

Total Nitrogen Aggressive Index Trivalent Chromium

BSK is not accredited under the NELAP program for the following additional parameters: **NA**

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Certifications: **Please refer to our website for a copy of our Accredited Fields of Testing under each certification.**

	1180-S3		
Fresno			
State of California - ELAP	1180	State of Hawaii	4021
Los Angeles CSD	9254479	NELAP certified	4021-024
State of Nevada	NV-C24-00233	State of Oregon - NELAP	4021-024
EPA UCMR5	CA00079	State of Washington	C997-25
Sacramento			
State of California - ELAP	1180-S1		
San Bernardino			
State of California - ELAP	1180-S2	Los Angeles CSD	9254478
NELAP certified	4119-009	State of Oregon - NELAP	4119-009
Vancouver			
NELAP certified	WA100008-019	State of Oregon - NELAP	WA100008-019
State of Washington	C824-24		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

AID0215 BSKAs2880 04/01/2025

BSK Associates BSK-SR-0002-00

Sample Integrity

BSK Bottles: Yes (No)* Page 1 of 3

COC Info

Was temperature within range? Chemistry ≤ 6°C Micro < 8°C	Yes No (NA)	Were correct containers and preservatives received for the tests requested?	(Yes) No
If samples were taken today, is there evidence that chilling has begun?	(Yes) No NA	Bubbles Present VOAs (524.2/TTHM/TCP)? TB Received? (Check Method Below)	Yes No (NA) Yes No (NA)
Did all bottles arrive unbroken and intact?	(Yes) No	Was a sufficient amount of sample received?	(Yes) No
Did all bottle labels agree with COC?	(Yes) No	**Do samples have a hold time <72 hours?**	Yes (No)
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?	Yes (NA)	Was PM notified of discrepancies? PM: dt: email scan copy	Yes No (NA)

Bottles Received

"—" means preservation/chlorine checks are either N/A or are performed in the lab

250ml(A) 500ml(B) 1Liter(C) 40mlVOA(V) 125ml(D)	Checks*	Passed?	1-4	5	6-10	11	12-16
Bacti $Na_2S_2O_3$	—	—					
None (P) White Label	—	—					
Cr6 (P) Lt. Green Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **DW**	Cl, pH > 8	P F					
Cr6 (P) Pink Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **WW**	pH 9.3-9.7	P F					
Cr6 (P) Black Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **7199** ***24 HOUR HOLD TIME***	pH 9.0-9.5	P F					
HNO_3 (P) Red Label or HCl (P) Purple Cap/Lt. Blue Label	—	—					
H_2SO_4 (P) or (AG) Yellow Label	pH < 2	P F					
NaOH (P) Green Cap/Label	Cl, pH >10	P F					
NaOH + ZnAc (P)	pH > 9	P F					
Dissolved Oxygen 300ml (g)	—	—					
None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270	—	—					
HCl (AG) Lt. Blue Label O&G, Diesel, **TCP**	—	—					
Ascorbic, EDTA, KH_2Ct (AG) Pink Label 525	—	—					
Na_2SO_3 250mL (AG) Neon Green Label 515	—	—					
$Na_2S_2O_3$ 1 Liter (Brown P) 549	—	—					
$Na_2S_2O_3$ (AG) Blue Label 548, THM, 524	—	—					
$Na_2S_2O_3$ (CG) Blue Label 504, 505, 547	—	—					
$Na_2S_2O_3$ + MCAA (CG) Orange Label 531	pH < 3	P F					
NH_4Cl (AG) Purple Label 552	—	—					
EDA (P) or (AG) Brown Label DBPs	—	—					
HCL (CG) 524.2,BTEX,Gas, MTBE, 8260/624	—	—					
Buffer pH 4 (CG)	—	—					
H_3PO_4 (CG) Salmon Label	—	—					
Trizma – EPA 537.1 Light Blue Label **FB**	---	---					
Ammonia Acetate - EPA 533 Purple Label **FB**	—	---					
Bottled Water	—	—					
Clear Glass: (Jar) VOA	—	—		1B		1B	
OTHER: Soil Tube	—	—	1*		1*		1*
OTHER:	—	—					

Split

	Container	Preservative	Lot #	Initials	Date/Time
S P					
S P					

Preservation Check
pH Lot #
Cl Lot #

Comments

*Preservation check completed by lab performing analysis.

✓ **Indicates Blanks Received**

504 ___ 524.2 ___ TTHM ___ 537/533 ___ TCP___

✓ **MS/MSD Received Method:** _____

Labeled by: **Checked by:**

Scanned: _____ Rush/Short HT Page: _____ Time: _____

BSK Associates BSK-SR-0002-00

Sample Integrity

BSK Bottles: Yes (No)* Page 2 of 3

COC Info					
Was temperature within range? Chemistry ≤ 6°C Micro < 8°C	Yes No (NA)	Were correct containers and preservatives received for the tests requested?	(Yes) No
If samples were taken today, is there evidence that chilling has begun?	(Yes) No NA	Bubbles Present VOAs (524.2/TTHM/TCP)?	Yes No (NA)
		TB Received? (Check Method Below)	Yes No (NA)
Did all bottles arrive unbroken and intact?	(Yes) No	Was a sufficient amount of sample received?	(Yes) No
Did all bottle labels agree with COC?	(Yes) No	**Do samples have a hold time <72 hours?**	Yes (No)
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?	Yes (NA)	Was PM notified of discrepancies? PM: dt: email scan copy	Yes No (NA)

Bottles Received — "—" means preservation/chlorine checks are either N/A or are performed in the lab

250ml(A) 500ml(B) 1Liter(C) 40mlVOA(V) 125ml(D)	Checks*	Passed?	17	18-22	23	24-28	29
Bacti $Na_2S_2O_3$	—	—					
None (P) White Label	—	—					
Cr6 (P) Lt. Green Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **DW**	Cl, pH > 8	P F					
Cr6 (P) Pink Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **WW**	pH 9.3-9.7	P F					
Cr6 (P) Black Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **7199** ***24 HOUR HOLD TIME***	pH 9.0-9.5	P F					
HNO_3 (P) Red Label or HCl (P) Purple Cap/Lt. Blue Label	—	—					
H_2SO_4 (P) or (AG) Yellow Label	pH < 2	P F					
NaOH (P) Green Cap/Label	Cl, pH >10	P F					
NaOH + ZnAc (P)	pH > 9	P F					
Dissolved Oxygen 300ml (g)	—	—					
None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270	—	—					
HCl (AG) Lt. Blue Label O&G, Diesel, **TCP**	—	—					
Ascorbic, EDTA, KH_2Ct (AG) Pink Label 525	—	—					
Na_2SO_3 250mL (AG) Neon Green Label 515	—	—					
$Na_2S_2O_3$ 1 Liter (Brown P) 549	—	—					
$Na_2S_2O_3$ (AG) Blue Label 548, THM, 524	—	—					
$Na_2S_2O_3$ (CG) Blue Label 504, 505, 547	—	—					
$Na_2S_2O_3$ + MCAA (CG) Orange Label 531	pH < 3	P F					
NH_4Cl (AG) Purple Label 552	—	—					
EDA (P) or (AG) Brown Label DBPs	—	—					
HCL (CG) 524.2,BTEX,Gas, MTBE, 8260/624	—	—					
Buffer pH 4 (CG)	—	—					
H_3PO_4 (CG) Salmon Label	—	—					
Trizma – EPA 537.1 Light Blue Label **FB**	---	---					
Ammonia Acetate - EPA 533 Purple Label **FB**	—	---					
Bottled Water	—	—					
Clear Glass: (Jar) VOA	—	—	1B		1B		1B
OTHER: Soil Tube	—	—		1*		1*	
OTHER:	—	—					

Split

	Container	Preservative	Lot #	Initials	Date/Time
S P					
S P					

Preservation Check
pH Lot #
Cl Lot #

Comments

*Preservation check completed by lab performing analysis.

✓ **Indicates Blanks Received**

504 ___ 524.2 ___ TTHM ___ 537/533 ___ TCP___

✓ **MS/MSD Received Method:** _____

Labeled by: **Checked by:**

Scanned: _____ Rush/Short HT Page: _____ Time: _____

BSK Associates BSK-SR-0002-00

Sample Integrity

BSK Bottles: Yes / No* Page 3 of 3

COC Info

Was temperature within range? Chemistry ≤ 6°C Micro < 8°C	Yes No NA	Were correct containers and preservatives received for the tests requested?	Yes No
If samples were taken today, is there evidence that chilling has begun?	Yes No NA	Bubbles Present VOAs (524.2/TTHM/TCP)? TB Received? (Check Method Below)	Yes No NA Yes No NA
Did all bottles arrive unbroken and intact?	Yes No	Was a sufficient amount of sample received?	Yes No
Did all bottle labels agree with COC?	Yes No	**Do samples have a hold time <72 hours?**	Yes No
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?	Yes NA	Was PM notified of discrepancies? PM: dt: email scan copy	Yes No NA

Bottles Received

"—" means preservation/chlorine checks are either N/A or are performed in the lab

250ml(A) 500ml(B) 1Liter(C) 40mlVOA(V) 125ml(D)	Checks*	Passed?	30-33	34	35		
Bacti $Na_2S_2O_3$	—	—					
None (P) White Label	—	—					
Cr6 (P) Lt. Green Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **DW**	Cl, pH > 8	P F					
Cr6 (P) Pink Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **WW**	pH 9.3-9.7	P F					
Cr6 (P) Black Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **7199** ***24 HOUR HOLD TIME***	pH 9.0-9.5	P F					
HNO_3 (P) Red Label or HCl (P) Purple Cap/Lt. Blue Label	—	—					
H_2SO_4 (P) or (AG) Yellow Label	pH < 2	P F					
NaOH (P) Green Cap/Label	Cl, pH >10	P F					
NaOH + ZnAc (P)	pH > 9	P F					
Dissolved Oxygen 300ml (g)	—	—					
None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270	—	—					
HCl (AG) Lt. Blue Label O&G, Diesel, **TCP**	—	—					
Ascorbic, EDTA, KH_2Ct (AG) Pink Label 525	—	—					
Na_2SO_3 250mL (AG) Neon Green Label 515	—	—					
$Na_2S_2O_3$ 1 Liter (Brown P) 549	—	—					
$Na_2S_2O_3$ (AG) Blue Label 548, THM, 524	—	—					
$Na_2S_2O_3$ (CG) Blue Label 504, 505, 547	—	—					
$Na_2S_2O_3$ + MCAA (CG) Orange Label 531	pH < 3	P F					
NH_4Cl (AG) Purple Label 552	—	—					
EDA (P) or (AG) Brown Label DBPs	—	—					
HCL (CG) 524.2,BTEX,Gas, MTBE, 8260/624	—	—					
Buffer pH 4 (CG)	—	—					
H_3PO_4 (CG) Salmon Label	—	—					
Trizma – EPA 537.1 Light Blue Label **FB**	---	---					
Ammonia Acetate - EPA 533 Purple Label **FB**	---	---					
Bottled Water	—	—					
Clear Glass: Jar// VOA	—	—		1B			
OTHER: Soil Tube	—	—	1*		1*		
OTHER:	—	—					

SM 4/11/25

Split

	Container	Preservative	Lot #	Initials	Date/Time
S P					
S P					

Preservation Check
pH Lot #
Cl Lot #

Comments

*Preservation check completed by lab performing analysis.

✓ **Indicates Blanks Received**

504 ___ 524.2 ___ TTHM ___ 537/533 ___ TCP___

✓ **MS/MSD Received Method:** _____

Labeled by: **Checked by:** DT

Scanned: _____ Rush/Short HT Page: _____ Time:_____

T4

BSK ASSOCIATES
1414 Stanislaus St., Fresno, CA 93706
(559) 497-2888 · Fax (559) 497-2893
www.bskassociates.com

Turnaround Time Request
☒ Standard - 10 business days
☐ Rush (Surcharge may apply)
Date needed:

AID0215 BSKAs2880 04/01/2025

*Required Fields

Temp: 16.4°C Thermometer ID: 69

Company/Client Name*:	Report Attention*:	Invoice To*:	Phone*:	Fax:
BSK	kgrove@bskassociates.com Additional cc's: jvieira@bskassociates.com	Kevin Grove PO#:	5594972880 E-mail*: kgrove@bskassociates.com	

Address*:	City*:	State*:	Zip*:
691 N Laverne Ave Suite 101	Fresno	CA	93727

Project:	Project #:
Riverdale HS	E25000088

Reporting Options: ☐ Trace (J-Flag) ☐ Swamp ☐ EDD Type: _____

Sampler Name (Printed/Signature)*: Jill Vieira

Regulatory Carbon Copies: ☐ SWRCB (Drinking Water) ☐ Merced Co ☐ Fresno Co ☐ Madera Co ☐ Tulare Co ☐ Other: _____

Regulatory Compliance: ☐ EDT to California SWRCB (Drinking Water) System Number*: _____ ☐ Geotracker #: _____

Matrix Types: SW=Surface Water BW=Bottled Water GW=Ground Water WW=Waste Water STW=Storm Water DW=Drinking Water SO=Solid

#	Sample Description*	Sampled* Date	Sampled* Time	Matrix*	Comments / Station Code / WTRAX	Composite	Organochlorine Pesticides by EPA 8080A	Arsenic by EPA Method 6010/6020 with	WET, DI-WET, and TCLP Decision
1	1 A	4/1/25	0835	SO		X			
2	1 B		0840	SO		X			
3	1 C		0855	SO		X			
4	1 D		0905	SO		X			
5	Composite 1 (1A, 1B, 1C, 1D)			SO			X		
6	1 D Arsenic		0910	SO				X	X
7	2 A		0915	SO		X			
8	2 B		0925	SO		X			
9	2 C		0930	SO		X			
10	2 D		0935	SO		X			
11	Composite 2 (2A, 2B, 2C, 2D)			SO			X		
12	2 D Arsenic	↓	0940	SO				X	X

Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by: (Signature and Printed Name)	Company
Jill Vieira	BSK	4/1/25	1340		
Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by: (Signature and Printed Name)	Company
Received for Lab by: (Signature and Printed Name)		Date	Time	Payment Received at Delivery: Date: Amount: PIA#: Check / Cash Init.	
Jonathan Morse		4/1/25	13:59		

Shipping Method: ONTRAC UPS GSO WALK-IN FED EX Courier: _____

Custody Seal: Y / N

Cooling Method: Wet Blue None

Chilling Process Begun: Y / N

Payment for services rendered as noted herein are due in full within 30 days from the date invoiced. If not so paid, account balances are deemed delinquent. Delinquent balances are subject to monthly service charges and interest specified in BSK's current Standard Terms and Conditions for Laboratory Services. The person signing for the Client/Company acknowledges that they are either the Client or an authorized agent to the Client, that the Client agrees to be responsible for payment for the services on this Chain of Custody, and agrees to BSK's terms and conditions for laboratory services unless contractually bound otherwise. BSK's current terms and conditions can be found at www.bskassociates.com/BSKLabTermsConditions.pdf

BSK ASSOCIATES
1414 Stanislaus St., Fresno, CA 93706
(559) 497-2888 · Fax (559) 497-2893
www.bskassociates.com

Turnaround Time Request
☒ Standard - 10 business days
☐ Rush (Surcharge may apply)
Date needed:

AID0215 BSKAs2880 04/01/2025

*Required Fields Temp: 16.4C Thermometer ID: 69

Company/Client Name*:	Report Attention*:	Invoice To*:	Phone*:	Fax:
BSK	kgrove@bskassociates.com Additional cc's: jvieira@bskassociates.com	Kevin Grove PO#:	5594972880 E-mail*: kgrove@bskassociates.com	

Address*:	City*:	State*:	Zip*:
691 N Laverne Ave Suite 101	Fresno	CA	93727

Project:	Project #:
Riverdale HS	E25000088

Reporting Options: ☐ Trace (J-Flag) ☐ Swamp ☐ EDD Type: _____

Sampler Name (Printed/Signature)*: Jill Vieira

Regulatory Carbon Copies: ☐ SWRCB (Drinking Water) ☐ Merced Co ☐ Fresno Co ☐ Madera Co ☐ Tulare Co ☐ Other: _____

Regulatory Compliance: ☐ EDT to California SWRCB (Drinking Water) System Number*: _____ ☐ Geotracker #: _____

Matrix Types: SW=Surface Water BW=Bottled Water GW=Ground Water WW=Waste Water STW=Storm Water DW=Drinking Water SO=Solid

#	Sample Description*	Sampled* Date	Sampled* Time	Matrix*	Comments / Station Code / WTRAX	Composite	Organochlorine Pesticides by EPA 8080A	Arsenic by EPA Method 6010/6020 with	WET, DI-WET, and TCLP Decision
13	3 A	4/1/25	0950	SO		X			
14	3 B		1020	SO		X			
15	3 C		~~1030~~	SO	1140 Sample Time	X			
16	3 D		1145	SO		X			
17	Composite 3 (3A, 3B, 3 C, 3 D)			SO			X		
18	3 D Arsenic		1150	SO				X	X
19	4 A		1025	SO		X			
20	4 B		1030	SO		X			
21	4 C		1040	SO		X			
22	4 D		1130	SO		X			
23	Composite 4 (4A, 4 B, 4 C, 4 D)			SO			X		
24	4 D Arsenic	↓	1135	SO				X	X

Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by: (Signature and Printed Name)	Company
Jill Vieira	BSK	4/1/25	1340		
Received for lab by: (Signature and Printed Name) Jonathan Morse		4/1/25	1359	Payment Received at Delivery: Date: Amount: PIA#: Check / Cash Init.	

Shipping Method: ONTRAC UPS GSO WALK-IN FED EX Courier: _____
Custody Seal: Y / N
Cooling Method: Wet Blue None
Chilling Process Begun: Y / N

Payment for services rendered as noted herein are due in full within 30 days from the date invoiced. If not so paid, account balances are deemed delinquent. Delinquent balances are subject to monthly service charges and interest specified in BSK's current Standard Terms and Conditions for Laboratory Services. The person signing for the Client/Company acknowledges that they are either the Client or an authorized agent to the Client, that the Client agrees to be responsible for payment for the services on this Chain of Custody, and agrees to BSK's terms and conditions for laboratory services unless contractually bound otherwise. BSK's current terms and conditions can be found at www.bskassociates.com/BSKLabTermsConditions.pdf

AID0215 BSKAs2880 04/01/2025 7

BSK ASSOCIATES
1414 Stanislaus St., Fresno, CA 93706
(559) 497-2888 · Fax (559) 497-2893
www.bskassociates.com

Turnaround Time Request
- [X] Standard - 10 business days
- [ ] Rush (Surcharge may apply)
- Date needed:

*Required Fields

Temp: 16.4°C Thermometer ID: 69

Company/Client Name*: BSK	**Report Attention*:** kgrove@bskassociates.com Additional cc's: jvieira@bskassociates.com	**Invoice To*:** Kevin Grove PO#:	**Phone*:** 5594972880 **Fax:** **E-mail*:** kgrove@bskassociates.com
Address*: 691 N Laverne Ave Suite 101	**City*:** Fresno	**State*:** CA	**Zip*:** 93727
Project: Riverdale HS	Project #: E25000088		

Reporting Options: [ ] Trace (J-Flag) [ ] Swamp [ ] EDD Type: _____

Sampler Name (Printed/Signature)*: Jill Vieira

Regulatory Carbon Copies: [ ] SWRCB (Drinking Water) [ ] Merced Co [ ] Fresno Co [ ] Madera Co [ ] Tulare Co [ ] Other: _____

Regulatory Compliance: [ ] EDT to California SWRCB (Drinking Water) System Number*: _____ [ ] Geotracker #: _____

Matrix Types: SW=Surface Water BW=Bottled Water GW=Ground Water WW=Waste Water STW=Storm Water DW=Drinking Water SO=Solid

#	Sample Description*	Sampled* Date	Sampled* Time	Matrix*	Comments / Station Code / WTRAX	Composite	Organochlorine Pesticides by EPA 8080A	Arsenic by EPA Method 6010/6020 with	WET, DI-WET, and TCLP Decision
25	5 A	4/ / /25	1045	SO		X			
26	5 B		1050	SO		X			
27	5 C		1100	SO		X			
28	5 D		1110	SO		X			
29	Composite 5 (5 A, 5 B, 5 C, 5 D)			SO			X		
30	5 D Arsenic		1115	SO				X	X
31	6 A		1215	SO		X			
32	6 B		1220	SO		X			
33	6 C		1225	SO		X			
	~~D~~			~~SO~~		X			
34	Composite 6 (6 A, 6 B, 6 C, ~~D~~)			SO			X		
35	6C ~~D~~ Arsenic	↓	12:30	SO				X	X

Relinquished by: (Signature and Printed Name) Jill Vieira	Company BSK	Date 4/1/25	Time 1340	Received by: (Signature and Printed Name)	Company
Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by: (Signature and Printed Name)	Company
Received for Lab by: (Signature and Printed Name) Jonathan Rose		Date 4/1/25	Time 13:59	Payment Received at Delivery: Date: Amount: PIA#: Check / Cash Init.	

Shipping Method: ONTRAC UPS GSO [WALK-IN] FED EX Courier: _____

Cooling Method: [Wet] Blue None

Custody Seal: Y / [N]

Chilling Process Begun: [Y] / N

Payment for services rendered as noted herein are due in full within 30 days from the date invoiced. If not so paid, account balances are deemed delinquent. Delinquent balances are subject to monthly service charges and interest specified in BSK's current Standard Terms and Conditions for Laboratory Services. The person signing for the Client/Company acknowledges that they are either the Client or an authorized agent to the Client, that the Client agrees to be responsible for payment for the services on this Chain of Custody, and agrees to BSK's terms and conditions for laboratory services unless contractually bound otherwise. BSK's current terms and conditions can be found at www.bskassociates.com/BSKLabTermsConditions.pdf

BSK Associates Laboratory Fresno
687 N. Laverne Avenue
Fresno, CA 93727
559-497-2888 (Main)

Amended Report

AID0312
5/02/2025
Invoice: AI10716
Invoice: AI12627

Kevin Grove
BSK Associates - Fresno
691 N. Laverne Ave, Suite 101
Fresno, CA 93727

RE: Report for AID0312 Riverdale HS E2500088

Dear Kevin Grove,

Thank you for using BSK Associates for your analytical testing needs. In the following pages, you will find the test results for the samples submitted to our laboratory on 4/2/2025. The results have been approved for release by our Laboratory Director as indicated by the authorizing signature below.

The samples were analyzed for the test(s) indicated on the Chain of Custody (see attached) and the results relate only to the samples analyzed. BSK certifies that the testing was performed in accordance with the quality system requirements specified in the 2016 TNI Standard. Any deviations from this standard or from the method requirements for each test procedure performed will be annotated alongside the analytical result or noted in the Case Narrative. Unless otherwise noted, the sample results are reported on an “as received” basis.

This certificate of analysis shall not be reproduced except in full, without written approval of the laboratory.

If additional clarification of any information is required, please contact your Client Services Representative, Elaine M. Phillips , at 559-497-2888.

Thank you again for using BSK Associates. We value your business and appreciate your loyalty.

Sincerely,

Michael Ng, Regional Manager - QA

Accredited in Accordance with NELAP
ORELAP #4021

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Case Narrative

Project and Report Details		Invoice Details	
Client:	BSK Associates - Fresno	**Invoice To:**	BSK Associates - Corporate
Report To:	Kevin Grove	**Invoice Attn:**	BSK Associates-Corp
Project #:	-	**Project PO#:**	-
Received:	4/02/2025 - 11:40		
Report Due:	4/30/2025		

Sample Receipt Conditions

Cooler: Default Cooler
Temperature on Receipt ºC: 14.3

Containers Intact
COC/Labels Agree
Received On Ice
Sample(s) arrived at lab on same day sampled.
Packing Material - Other
Initial receipt at BSK-FAL

Detailed Narrative

Report Amendments

Date: 5/2/25

Initials: EMP

This amended report supersedes any previous reports issued by the laboratory. Amendments to this report are as follows: Samples AID0312-05 and -06 were added as Duplicates and analyzed as new samples. The Duplicate of AID0312-05 was added as AID0312-19 and analyzed for EPA 8081B, and the Duplicate of AID0312-06 was added as AID0312-20 and analyzed for Arsenic, as per Kevin Grove.

Data Qualifiers

The following qualifiers have been applied to one or more analytical results:

HT1.4	Initial analysis was performed within the holding time. However, a required dilution/re-extraction was performed past the holding time.
MS1.0	Matrix spike recoveries exceed control limits.
MS1.2	Matrix spike recovery exceeds lower control limit. Reported results for parent matrix should be considered estimated due to matrix interferences.
MS2.1	MS/MSD RPD exceeds control limit. Reportable results in parent sample may have some degree of variability, higher than that inherent in the method.

Report Distribution

Recipient(s)	Report Format	CC:
Jill Vieira	FINAL.RPT	
Kevin Grove	FINAL.RPT	

Certificate of Analysis

Sample ID: AID0312-05
Sampled By: Jill Vieira
Sample Description: Composite 7 (7A, 7B, 7C, 7D)

Sample Date - Time: 04/02/2025 - 09:45
Matrix: Solid
Sample Type: Composite

Composite Start: 04/02/2025 - 08:30

BSK Associates Laboratory Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Organochlorine Pesticides by GC-ECD									
4,4'-DDD	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
4,4'-DDE	EPA 8081B	**6.5**	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
4,4'-DDT	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Aldrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
alpha-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
beta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
delta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Lindane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Chlordane (Technical)	EPA 8081B	ND	50	ug/kg	1	AID0232	04/03/25	04/10/25	
Dieldrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan I	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan II	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan Sulfate	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin Aldehyde	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin Ketone	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Heptachlor	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Heptachlor Epoxide	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Methoxychlor	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Toxaphene	EPA 8081B	ND	50	ug/kg	1	AID0232	04/03/25	04/10/25	
alpha-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
gamma-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Surrogate: Decachlorobiphenyl	EPA 8081B	68 %	*Acceptable range: 10-138 %*						
Surrogate: TCMX	EPA 8081B	64 %	*Acceptable range: 10-138 %*						

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AID0312-06
Sampled By: Jill Vieira
Sample Description: 7D Arsenic

Sample Date - Time: 04/02/2025 - 08:25
Matrix: Solid
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 6020	**3.8**	2.5	mg/kg	1	AID0327	04/04/25	04/09/25	

Certificate of Analysis

Sample ID: AID0312-11
Sampled By: Jill Vieira
Sample Description: Composite 8 (8A, 8B, 8C, 8D)

Sample Date - Time: 04/02/2025 - 09:10
Matrix: Solid
Sample Type: Composite

Composite Start: 04/02/2025 - 08:25

BSK Associates Laboratory Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Organochlorine Pesticides by GC-ECD									
4,4'-DDD	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
4,4'-DDE	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
4,4'-DDT	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Aldrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
alpha-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
beta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
delta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Lindane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Chlordane (Technical)	EPA 8081B	ND	50	ug/kg	1	AID0232	04/03/25	04/10/25	
Dieldrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan I	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan II	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan Sulfate	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin Aldehyde	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin Ketone	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Heptachlor	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Heptachlor Epoxide	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Methoxychlor	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Toxaphene	EPA 8081B	ND	50	ug/kg	1	AID0232	04/03/25	04/10/25	
alpha-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
gamma-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Surrogate: Decachlorobiphenyl	EPA 8081B	62 %	*Acceptable range: 10-138 %*						
Surrogate: TCMX	EPA 8081B	57 %	*Acceptable range: 10-138 %*						

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AID0312-12
Sampled By: Jill Vieira
Sample Description: 8D Arsenic

Sample Date - Time: 04/02/2025 - 09:15
Matrix: Solid
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 6020	**4.4**	2.5	mg/kg	1	AID0327	04/04/25	04/09/25	

Certificate of Analysis

Sample ID: AID0312-17
Sampled By: Jill Vieira
Sample Description: Composite 9 (9A, 9B, 9C, 9D)

Sample Date - Time: 04/02/2025 - 09:55
Matrix: Solid
Sample Type: Composite

Composite Start: 04/02/2025 - 09:30

BSK Associates Laboratory Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Organochlorine Pesticides by GC-ECD									
4,4'-DDD	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
4,4'-DDE	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
4,4'-DDT	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Aldrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
alpha-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
beta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
delta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Lindane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Chlordane (Technical)	EPA 8081B	ND	50	ug/kg	1	AID0232	04/03/25	04/10/25	
Dieldrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan I	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan II	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endosulfan Sulfate	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin Aldehyde	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Endrin Ketone	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Heptachlor	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Heptachlor Epoxide	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Methoxychlor	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Toxaphene	EPA 8081B	ND	50	ug/kg	1	AID0232	04/03/25	04/10/25	
alpha-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
gamma-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AID0232	04/03/25	04/10/25	
Surrogate: Decachlorobiphenyl	EPA 8081B	82 %	*Acceptable range: 10-138 %*						
Surrogate: TCMX	EPA 8081B	80 %	*Acceptable range: 10-138 %*						

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AID0312-18
Sampled By: Jill Vieira
Sample Description: 9D Arsenic

Sample Date - Time: 04/02/2025 - 09:35
Matrix: Solid
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 6020	**4.4**	2.5	mg/kg	1	AID0749	04/10/25	04/10/25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AID0312-19
Sampled By: Jill Vieira
Sample Description: Composite 7 (7A, 7B, 7C, 7D) // Duplicate

Sample Date - Time: 04/02/2025 - 09:45
Matrix: Solid
Sample Type: Composite

Composite Start: 04/02/2025 - 08:30

BSK Associates Laboratory Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Organochlorine Pesticides by GC-ECD								**Analysis Qualifier(s):**	**HT1.4**
4,4'-DDD	EPA 8081B	ND	5.0	ug/kg	5	AIE0029	05/01/25	05/01/25	
4,4'-DDE	EPA 8081B	**6.7**	5.0	ug/kg	5	AIE0029	05/01/25	05/01/25	
4,4'-DDT	EPA 8081B	ND	5.0	ug/kg	5	AIE0029	05/01/25	05/01/25	
Aldrin	EPA 8081B	ND	5.0	ug/kg	5	AIE0029	05/01/25	05/01/25	
alpha-BHC	EPA 8081B	ND	5.0	ug/kg	5	AIE0029	05/01/25	05/01/25	
beta-BHC	EPA 8081B	ND	5.0	ug/kg	5	AIE0029	05/01/25	05/01/25	
delta-BHC	EPA 8081B	ND	5.0	ug/kg	5	AIE0029	05/01/25	05/01/25	
Lindane	EPA 8081B	ND	5.0	ug/kg	5	AIE0029	05/01/25	05/01/25	
Chlordane (Technical)	EPA 8081B	ND	50	ug/kg	5	AIE0029	05/01/25	05/01/25	
Dieldrin	EPA 8081B	ND	5.0	ug/kg	5	AIE0029	05/01/25	05/01/25	
Endosulfan I	EPA 8081B	ND	5.0	ug/kg	5	AIE0029	05/01/25	05/01/25	
Endosulfan II	EPA 8081B	ND	5.0	ug/kg	5	AIE0029	05/01/25	05/01/25	
Endosulfan Sulfate	EPA 8081B	ND	5.0	ug/kg	5	AIE0029	05/01/25	05/01/25	
Endrin	EPA 8081B	ND	5.0	ug/kg	5	AIE0029	05/01/25	05/01/25	
Endrin Aldehyde	EPA 8081B	ND	5.0	ug/kg	5	AIE0029	05/01/25	05/01/25	
Endrin Ketone	EPA 8081B	ND	5.0	ug/kg	5	AIE0029	05/01/25	05/01/25	
Heptachlor	EPA 8081B	ND	5.0	ug/kg	5	AIE0029	05/01/25	05/01/25	
Heptachlor Epoxide	EPA 8081B	ND	5.0	ug/kg	5	AIE0029	05/01/25	05/01/25	
Methoxychlor	EPA 8081B	ND	5.0	ug/kg	5	AIE0029	05/01/25	05/01/25	
Toxaphene	EPA 8081B	ND	50	ug/kg	5	AIE0029	05/01/25	05/01/25	
alpha-Chlordane	EPA 8081B	ND	5.0	ug/kg	5	AIE0029	05/01/25	05/01/25	
gamma-Chlordane	EPA 8081B	ND	5.0	ug/kg	5	AIE0029	05/01/25	05/01/25	MS1.2
Surrogate: Decachlorobiphenyl	EPA 8081B	85 %	*Acceptable range: 10-138 %*						
Surrogate: TCMX	EPA 8081B	72 %	*Acceptable range: 10-138 %*						

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Certificate of Analysis

Sample ID: AID0312-20
Sampled By: Jill Vieira
Sample Description: 7D Arsenic // Duplicate

Sample Date - Time: 04/02/2025 - 08:25
Matrix: Solid
Sample Type: Grab

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Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 6020	**4.3**	2.5	mg/kg	1	AID2011	04/28/25	04/30/25	

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Metals Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 6020 - Quality Control											
Batch: AID0327										Prepared: 4/4/2025	
Prep Method: EPA 3050B										Analyst: EEK	
Blank (AID0327-BLK1)											
Arsenic	ND	2.5	mg/kg							04/09/25	
Blank Spike (AID0327-BS1)											
Arsenic	110	2.5	mg/kg	100	ND	104	75-125			04/09/25	
Blank Spike Dup (AID0327-BSD1)											
Arsenic	110	2.5	mg/kg	100	ND	110	75-125	4	20	04/09/25	
Matrix Spike (AID0327-MS1), Source: AID0215-06											
Arsenic	100	2.5	mg/kg	100	4.5	95	75-125			04/09/25	
Matrix Spike Dup (AID0327-MSD1), Source: AID0215-06											
Arsenic	110	2.5	mg/kg	98	4.5	106	75-125	7	20	04/09/25	
EPA 6020 - Quality Control											
Batch: AID0749										Prepared: 4/10/2025	
Prep Method: EPA 3050B										Analyst: EEK	
Blank (AID0749-BLK1)											
Arsenic	ND	2.5	mg/kg							04/10/25	
Blank Spike (AID0749-BS1)											
Arsenic	100	2.5	mg/kg	100	ND	104	75-125			04/10/25	
Blank Spike Dup (AID0749-BSD1)											
Arsenic	110	2.5	mg/kg	100	ND	109	75-125	5	20	04/10/25	
Matrix Spike (AID0749-MS2), Source: AID1038-01											
Arsenic	100	2.5	mg/kg	100	39	65	75-125			04/11/25	MS1.0 ***Low***
Matrix Spike Dup (AID0749-MSD2), Source: AID1038-01											
Arsenic	100	2.5	mg/kg	98	39	66	75-125	1	20	04/11/25	MS1.0 ***Low***
EPA 6020 - Quality Control											
Batch: AID2011										Prepared: 4/28/2025	
Prep Method: EPA 3050B										Analyst: EEK	
Blank (AID2011-BLK2)											
Arsenic	ND	2.5	mg/kg							05/01/25	
Blank Spike (AID2011-BS1)											
Arsenic	110	2.5	mg/kg	100	ND	105	75-125			04/30/25	
Blank Spike Dup (AID2011-BSD1)											

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Metals Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 6020 - Quality Control											
Batch: AID2011										Prepared: 4/28/2025	
Prep Method: EPA 3050B										Analyst: EEK	
Blank Spike Dup (AID2011-BSD1)											
Arsenic	110	2.5	mg/kg	100	ND	110	75-125	2	20	04/30/25	
Matrix Spike (AID2011-MS1), Source: AID0312-20											
Arsenic	97	2.5	mg/kg	100	4.3	93	75-125			04/30/25	
Matrix Spike Dup (AID2011-MSD1), Source: AID0312-20											
Arsenic	110	2.5	mg/kg	100	4.3	105	75-125	12	20	04/30/25	

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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 8081B - Quality Control											
Batch: AID0232										Prepared: 4/3/2025	
Prep Method: EPA 3546										Analyst: RDH	
Blank (AID0232-BLK1)											
4,4'-DDD	ND	5.0	ug/kg							04/09/25	
4,4'-DDE	ND	5.0	ug/kg							04/09/25	
4,4'-DDT	ND	5.0	ug/kg							04/09/25	
Aldrin	ND	5.0	ug/kg							04/09/25	
alpha-BHC	ND	5.0	ug/kg							04/09/25	
beta-BHC	ND	5.0	ug/kg							04/09/25	
delta-BHC	ND	5.0	ug/kg							04/09/25	
Lindane	ND	5.0	ug/kg							04/09/25	
Chlordane (Technical)	ND	50	ug/kg							04/09/25	
Dieldrin	ND	5.0	ug/kg							04/09/25	
Endosulfan I	ND	5.0	ug/kg							04/09/25	
Endosulfan II	ND	5.0	ug/kg							04/09/25	
Endosulfan Sulfate	ND	5.0	ug/kg							04/09/25	
Endrin	ND	5.0	ug/kg							04/09/25	
Endrin Aldehyde	ND	5.0	ug/kg							04/09/25	
Endrin Ketone	ND	5.0	ug/kg							04/09/25	
Heptachlor	ND	5.0	ug/kg							04/09/25	
Heptachlor Epoxide	ND	5.0	ug/kg							04/09/25	
Methoxychlor	ND	5.0	ug/kg							04/09/25	
Toxaphene	ND	50	ug/kg							04/09/25	
alpha-Chlordane	ND	5.0	ug/kg							04/09/25	
gamma-Chlordane	ND	5.0	ug/kg							04/09/25	
Surrogate: Decachlorobiphenyl	*8.5*			*9.4*		*91*	*10-138*			04/09/25	
Surrogate: TCMX	*8.4*			*9.4*		*90*	*10-138*			04/09/25	
Blank Spike (AID0232-BS1)											
4,4'-DDD	9.4	5.0	ug/kg	10	ND	94	40-134			04/09/25	
4,4'-DDE	8.9	5.0	ug/kg	10	ND	89	46-139			04/09/25	
4,4'-DDT	9.1	5.0	ug/kg	10	ND	91	38-156			04/09/25	
Aldrin	9.1	5.0	ug/kg	10	ND	91	44-125			04/09/25	
alpha-BHC	8.7	5.0	ug/kg	10	ND	87	30-137			04/09/25	
beta-BHC	8.6	5.0	ug/kg	10	ND	86	40-155			04/09/25	
delta-BHC	8.8	5.0	ug/kg	10	ND	88	11-139			04/09/25	
Lindane	9.1	5.0	ug/kg	10	ND	91	37-140			04/09/25	
Dieldrin	9.4	5.0	ug/kg	10	ND	94	39-137			04/09/25	
Endosulfan I	8.2	5.0	ug/kg	10	ND	82	38-132			04/09/25	
Endosulfan II	8.9	5.0	ug/kg	10	ND	89	34-138			04/09/25	
Endosulfan Sulfate	9.3	5.0	ug/kg	10	ND	93	38-144			04/09/25	
Endrin	8.9	5.0	ug/kg	10	ND	89	22-161			04/09/25	
Endrin Aldehyde	8.5	5.0	ug/kg	10	ND	85	42-142			04/09/25	
Endrin Ketone	9.4	5.0	ug/kg	10	ND	94	70-130			04/09/25	
Heptachlor	9.0	5.0	ug/kg	10	ND	90	44-133			04/09/25	
Heptachlor Epoxide	9.2	5.0	ug/kg	10	ND	92	46-137			04/09/25	

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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 8081B - Quality Control											
Batch: AID0232										Prepared: 4/3/2025	
Prep Method: EPA 3546										Analyst: RDH	
Blank Spike (AID0232-BS1)											
Methoxychlor	9.6	5.0	ug/kg	10	ND	96	42-161			04/09/25	
alpha-Chlordane	8.8	5.0	ug/kg	10	ND	88	50-150			04/09/25	
gamma-Chlordane	10	5.0	ug/kg	10	ND	100	50-150			04/09/25	
Surrogate: Decachlorobiphenyl	*9.3*			*9.4*		*99*	*10-138*			04/09/25	
Surrogate: TCMX	*9.2*			*9.4*		*98*	*10-138*			04/09/25	
Matrix Spike (AID0232-MS1), Source: AID0215-05											
4,4'-DDD	6.6	5.0	ug/kg	9.9	ND	66	40-134			04/09/25	
4,4'-DDE	7.1	5.0	ug/kg	9.9	ND	71	46-139			04/09/25	
4,4'-DDT	3.9	5.0	ug/kg	9.9	ND	39	38-156			04/09/25	
Aldrin	5.9	5.0	ug/kg	9.9	ND	59	44-125			04/09/25	
alpha-BHC	5.5	5.0	ug/kg	9.9	ND	55	30-137			04/09/25	
beta-BHC	4.8	5.0	ug/kg	9.9	ND	48	40-155			04/09/25	
delta-BHC	5.9	5.0	ug/kg	9.9	ND	60	11-139			04/09/25	
Lindane	29	5.0	ug/kg	9.9	ND	291	37-140			04/09/25	MS1.0 ***High***
Dieldrin	6.1	5.0	ug/kg	9.9	ND	62	39-137			04/09/25	
Endosulfan I	4.9	5.0	ug/kg	9.9	ND	49	38-132			04/09/25	
Endosulfan II	5.3	5.0	ug/kg	9.9	ND	54	34-138			04/09/25	
Endosulfan Sulfate	5.0	5.0	ug/kg	9.9	ND	51	38-144			04/09/25	
Endrin	5.4	5.0	ug/kg	9.9	ND	55	22-161			04/09/25	
Endrin Aldehyde	4.7	5.0	ug/kg	9.9	ND	47	42-142			04/09/25	
Endrin Ketone	5.1	5.0	ug/kg	9.9	ND	51	70-130			04/09/25	MS1.0 ***Low***
Heptachlor	6.0	5.0	ug/kg	9.9	ND	61	44-133			04/09/25	
Heptachlor Epoxide	6.3	5.0	ug/kg	9.9	ND	64	46-137			04/09/25	
Methoxychlor	4.1	5.0	ug/kg	9.9	ND	41	42-161			04/09/25	MS1.0 ***Low***
alpha-Chlordane	5.2	5.0	ug/kg	9.9	ND	53	50-150			04/09/25	
gamma-Chlordane	6.9	5.0	ug/kg	9.9	ND	70	50-150			04/09/25	
Surrogate: Decachlorobiphenyl	*5.5*			*9.3*		*60*	*10-138*			04/09/25	
Surrogate: TCMX	*5.8*			*9.3*		*63*	*10-138*			04/09/25	
Matrix Spike Dup (AID0232-MSD1), Source: AID0215-05											
4,4'-DDD	7.6	5.0	ug/kg	9.9	ND	77	40-134	15	30	04/10/25	
4,4'-DDE	7.1	5.0	ug/kg	9.9	ND	72	46-139	1	30	04/10/25	
4,4'-DDT	2.3	5.0	ug/kg	9.9	ND	23	38-156	53	30	04/10/25	MS1.0 ***Low***, MS2.1
Aldrin	6.0	5.0	ug/kg	9.9	ND	61	44-125	3	30	04/10/25	
alpha-BHC	5.9	5.0	ug/kg	9.9	ND	59	30-137	7	30	04/10/25	
beta-BHC	5.3	5.0	ug/kg	9.9	ND	54	40-155	12	30	04/10/25	
delta-BHC	6.2	5.0	ug/kg	9.9	ND	62	11-139	4	30	04/10/25	
Lindane	33	5.0	ug/kg	9.9	ND	331	37-140	13	30	04/10/25	MS1.0 ***High***
Dieldrin	7.0	5.0	ug/kg	9.9	ND	71	39-137	14	30	04/10/25	
Endosulfan I	5.3	5.0	ug/kg	9.9	ND	54	38-132	9	30	04/10/25	
Endosulfan II	5.8	5.0	ug/kg	9.9	ND	59	34-138	9	30	04/10/25	

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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 8081B - Quality Control											
Batch: AID0232										Prepared: 4/3/2025	
Prep Method: EPA 3546										Analyst: RDH	
Matrix Spike Dup (AID0232-MSD1), Source: AID0215-05											
Endosulfan Sulfate	5.4	5.0	ug/kg	9.9	ND	54	38-144	7	30	04/10/25	
Endrin	5.8	5.0	ug/kg	9.9	ND	59	22-161	7	30	04/10/25	
Endrin Aldehyde	5.2	5.0	ug/kg	9.9	ND	52	42-142	9	30	04/10/25	
Endrin Ketone	5.1	5.0	ug/kg	9.9	ND	52	70-130	1	30	04/10/25	MS1.0 ***Low***
Heptachlor	5.4	5.0	ug/kg	9.9	ND	55	44-133	10	30	04/10/25	
Heptachlor Epoxide	6.1	5.0	ug/kg	9.9	ND	62	46-137	4	30	04/10/25	
Methoxychlor	3.1	5.0	ug/kg	9.9	ND	32	42-161	26	30	04/10/25	MS1.0 ***Low***
alpha-Chlordane	6.0	5.0	ug/kg	9.9	ND	61	50-150	14	30	04/10/25	
gamma-Chlordane	6.8	5.0	ug/kg	9.9	ND	69	50-150	1	30	04/10/25	
Surrogate: Decachlorobiphenyl	*6.6*			*9.3*		*71*	*10-138*			04/10/25	
Surrogate: TCMX	*6.1*			*9.3*		*66*	*10-138*			04/10/25	
EPA 8081B - Quality Control											
Batch: AIE0029										Prepared: 5/1/2025	
Prep Method: EPA 3546										Analyst: RDH	
Blank (AIE0029-BLK1)											
4,4'-DDD	ND	5.0	ug/kg							05/01/25	
4,4'-DDE	ND	5.0	ug/kg							05/01/25	
4,4'-DDT	ND	5.0	ug/kg							05/01/25	
Aldrin	ND	5.0	ug/kg							05/01/25	
alpha-BHC	ND	5.0	ug/kg							05/01/25	
beta-BHC	ND	5.0	ug/kg							05/01/25	
delta-BHC	ND	5.0	ug/kg							05/01/25	
Lindane	ND	5.0	ug/kg							05/01/25	
Chlordane (Technical)	ND	50	ug/kg							05/01/25	
Dieldrin	ND	5.0	ug/kg							05/01/25	
Endosulfan I	ND	5.0	ug/kg							05/01/25	
Endosulfan II	ND	5.0	ug/kg							05/01/25	
Endosulfan Sulfate	ND	5.0	ug/kg							05/01/25	
Endrin	ND	5.0	ug/kg							05/01/25	
Endrin Aldehyde	ND	5.0	ug/kg							05/01/25	
Endrin Ketone	ND	5.0	ug/kg							05/01/25	
Heptachlor	ND	5.0	ug/kg							05/01/25	
Heptachlor Epoxide	ND	5.0	ug/kg							05/01/25	
Methoxychlor	ND	5.0	ug/kg							05/01/25	
Toxaphene	ND	50	ug/kg							05/01/25	
alpha-Chlordane	ND	5.0	ug/kg							05/01/25	
gamma-Chlordane	ND	5.0	ug/kg							05/01/25	
Surrogate: Decachlorobiphenyl	*9.5*			*9.4*		*101*	*10-138*			05/01/25	
Surrogate: TCMX	*9.3*			*9.4*		*99*	*10-138*			05/01/25	
Blank Spike (AIE0029-BS1)											
4,4'-DDD	9.7	5.0	ug/kg	10	ND	97	40-134			05/01/25	

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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 8081B - Quality Control											
Batch: AIE0029										Prepared: 5/1/2025	
Prep Method: EPA 3546										Analyst: RDH	
Blank Spike (AIE0029-BS1)											
4,4'-DDE	9.1	5.0	ug/kg	10	ND	91	46-139			05/01/25	
4,4'-DDT	9.5	5.0	ug/kg	10	ND	95	38-156			05/01/25	
Aldrin	8.7	5.0	ug/kg	10	ND	87	44-125			05/01/25	
alpha-BHC	8.4	5.0	ug/kg	10	ND	84	30-137			05/01/25	
beta-BHC	8.3	5.0	ug/kg	10	ND	83	40-155			05/01/25	
delta-BHC	8.9	5.0	ug/kg	10	ND	89	11-139			05/01/25	
Lindane	8.8	5.0	ug/kg	10	ND	88	37-140			05/01/25	
Dieldrin	9.7	5.0	ug/kg	10	ND	97	39-137			05/01/25	
Endosulfan I	8.2	5.0	ug/kg	10	ND	82	38-132			05/01/25	
Endosulfan II	8.9	5.0	ug/kg	10	ND	89	34-138			05/01/25	
Endosulfan Sulfate	9.1	5.0	ug/kg	10	ND	91	38-144			05/01/25	
Endrin	9.3	5.0	ug/kg	10	ND	93	22-161			05/01/25	
Endrin Aldehyde	8.4	5.0	ug/kg	10	ND	84	42-142			05/01/25	
Endrin Ketone	9.3	5.0	ug/kg	10	ND	93	70-130			05/01/25	
Heptachlor	9.2	5.0	ug/kg	10	ND	92	44-133			05/01/25	
Heptachlor Epoxide	9.3	5.0	ug/kg	10	ND	93	46-137			05/01/25	
Methoxychlor	9.3	5.0	ug/kg	10	ND	93	42-161			05/01/25	
alpha-Chlordane	9.0	5.0	ug/kg	10	ND	90	50-150			05/01/25	
gamma-Chlordane	10	5.0	ug/kg	10	ND	102	50-150			05/01/25	
Surrogate: Decachlorobiphenyl	*9.4*			*9.4*		*100*	*10-138*			05/01/25	
Surrogate: TCMX	*9.2*			*9.4*		*98*	*10-138*			05/01/25	
Matrix Spike (AIE0029-MS1), Source: AID0312-19											
4,4'-DDD	7.3	5.0	ug/kg	10	ND	73	40-134			05/01/25	
4,4'-DDE	14	5.0	ug/kg	10	6.7	77	46-139			05/01/25	
4,4'-DDT	7.3	5.0	ug/kg	10	ND	73	38-156			05/01/25	
Aldrin	6.5	5.0	ug/kg	10	ND	65	44-125			05/01/25	
alpha-BHC	6.7	5.0	ug/kg	10	ND	67	30-137			05/01/25	
beta-BHC	7.2	5.0	ug/kg	10	ND	72	40-155			05/01/25	
delta-BHC	6.5	5.0	ug/kg	10	ND	65	11-139			05/01/25	
Lindane	7.1	5.0	ug/kg	10	ND	71	37-140			05/01/25	
Dieldrin	6.6	5.0	ug/kg	10	ND	66	39-137			05/01/25	
Endosulfan I	5.9	5.0	ug/kg	10	ND	59	38-132			05/01/25	
Endosulfan II	6.2	5.0	ug/kg	10	ND	62	34-138			05/01/25	
Endosulfan Sulfate	6.7	5.0	ug/kg	10	ND	67	38-144			05/01/25	
Endrin	6.6	5.0	ug/kg	10	ND	66	22-161			05/01/25	
Endrin Aldehyde	6.2	5.0	ug/kg	10	ND	62	42-142			05/01/25	
Endrin Ketone	6.5	5.0	ug/kg	10	ND	65	70-130			05/01/25	MS1.0 ***Low***
Heptachlor	6.7	5.0	ug/kg	10	ND	67	44-133			05/01/25	
Heptachlor Epoxide	6.8	5.0	ug/kg	10	ND	68	46-137			05/01/25	
Methoxychlor	7.6	5.0	ug/kg	10	ND	76	42-161			05/01/25	
alpha-Chlordane	6.7	5.0	ug/kg	10	ND	67	50-150			05/01/25	
gamma-Chlordane	7.6	5.0	ug/kg	10	ND	76	50-150			05/01/25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 8081B - Quality Control											
Batch: AIE0029										Prepared: 5/1/2025	
Prep Method: EPA 3546										Analyst: RDH	
Matrix Spike (AIE0029-MS1), Source: AID0312-19											
Surrogate: Decachlorobiphenyl	*7.3*			*9.4*		*78*	*10-138*			05/01/25	
Surrogate: TCMX	*6.8*			*9.4*		*72*	*10-138*			05/01/25	
Matrix Spike Dup (AIE0029-MSD1), Source: AID0312-19											
4,4'-DDD	7.5	5.0	ug/kg	10	ND	75	40-134	2	30	05/01/25	
4,4'-DDE	14	5.0	ug/kg	10	6.7	68	46-139	6	30	05/01/25	
4,4'-DDT	6.9	5.0	ug/kg	10	ND	69	38-156	5	30	05/01/25	
Aldrin	6.6	5.0	ug/kg	10	ND	66	44-125	1	30	05/01/25	
alpha-BHC	6.8	5.0	ug/kg	10	ND	68	30-137	2	30	05/01/25	
beta-BHC	7.5	5.0	ug/kg	10	ND	75	40-155	5	30	05/01/25	
delta-BHC	6.9	5.0	ug/kg	10	ND	69	11-139	5	30	05/01/25	
Lindane	6.9	5.0	ug/kg	10	ND	69	37-140	2	30	05/01/25	
Dieldrin	7.0	5.0	ug/kg	10	ND	70	39-137	5	30	05/01/25	
Endosulfan I	6.1	5.0	ug/kg	10	ND	61	38-132	4	30	05/01/25	
Endosulfan II	6.6	5.0	ug/kg	10	ND	66	34-138	7	30	05/01/25	
Endosulfan Sulfate	6.6	5.0	ug/kg	10	ND	66	38-144	1	30	05/01/25	
Endrin	6.8	5.0	ug/kg	10	ND	68	22-161	3	30	05/01/25	
Endrin Aldehyde	6.2	5.0	ug/kg	10	ND	62	42-142	1	30	05/01/25	
Endrin Ketone	6.7	5.0	ug/kg	10	ND	67	70-130	3	30	05/01/25	MS1.0 ***Low***
Heptachlor	7.0	5.0	ug/kg	10	ND	70	44-133	4	30	05/01/25	
Heptachlor Epoxide	6.9	5.0	ug/kg	10	ND	69	46-137	2	30	05/01/25	
Methoxychlor	7.2	5.0	ug/kg	10	ND	72	42-161	6	30	05/01/25	
alpha-Chlordane	7.0	5.0	ug/kg	10	ND	70	50-150	5	30	05/01/25	
gamma-Chlordane	8.0	5.0	ug/kg	10	ND	80	50-150	5	30	05/01/25	
Surrogate: Decachlorobiphenyl	*7.6*			*9.4*		*81*	*10-138*			05/01/25	
Surrogate: TCMX	*7.0*			*9.4*		*74*	*10-138*			05/01/25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Notes:

- The Chain of Custody document and Sample Integrity Sheet are part of the analytical report.
- Any remaining sample(s) for testing will be disposed of according to BSK's sample retention policy unless other arrangements are made in advance.
- All positive results for EPA Methods 504.1 and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating Procedures.
- J-value is equivalent to DNQ (Detected, not quantified) which is a trace value. A trace value is an analyte detected between the MDL and the laboratory reporting limit. This result is of an unknown data quality and is only qualitative (estimated). Baseline noise, calibration curve extrapolation below the lowest calibrator, method blank detections, and integration artifacts can all produce apparent DNQ values, which contribute to the un-reliability of these values.
- (1) - Residual chlorine and pH analysis have a 15 minute holding time for both drinking and waste water samples as defined by the EPA and 40 CFR 136. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute holding time for dissolved metals.
- Field tests are outside the scope of laboratory accreditation and there is no certification available for field testing.
- Summations of analytes (i.e. Total Trihalomethanes) may appear to add individual amounts incorrectly, due to rounding of analyte values occurring before or after the total value is calculated, as well as rounding of the total value.
- RL Multiplier is the factor used to adjust the reporting limit (RL) due to variations in sample preparation procedures and dilutions required for matrix interferences.
- Due to the subjective nature of the Threshold Odor Method, all characterizations of the detected odor are the opinion of the panel of analysts. The characterizations can be found in Standard Methods 2170B Figure 2170:1.
- The MCLs provided in this report (if applicable) represent the primary MCLs for that analyte.
- (2) - Formerly known as Bis(2-Chloroisopropyl) ether.
  Unless otherwise noted, TOC results by SM 5310C method do not include purgeable organic carbon, which is removed along with the inorganic carbon interference. The POC contribution to TOC is considered to be negligible.

Certificate of Analysis

Definitions

mg/L:	Milligrams/Liter (ppm)	MDL:	Method Detection Limit	MDA95:	Min. Detected Activity
mg/Kg:	Milligrams/Kilogram (ppm)	RL:	Reporting Limit: DL x Dilution	MPN:	Most Probable Number
µg/L:	Micrograms/Liter (ppb)	ND:	None Detected below MRL/MDL	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	pCi/L:	PicoCuries per Liter	Absent:	Less than 1 CFU/100mLs
%:	Percent	RL Mult:	RL Multiplier	Present:	1 or more CFU/100mLs
NR:	Non-Reportable	MCL:	Maximum Contaminant Limit	U:	The analyte was not detected at or above the reported sample quantitation limit.

Please see the individual Subcontract Lab's report for applicable certifications.

The following parameters are not available for certification through CA ELAP:

Odor Diisopropyl ether (DIPE) by EPA 524.2

The following parameters are calculated values and are outside the scope of our NELAP accreditation:

Total Nitrogen Aggressive Index Trivalent Chromium

BSK is not accredited under the NELAP program for the following additional parameters: **NA**

Certificate of Analysis

Certifications: **Please refer to our website for a copy of our Accredited Fields of Testing under each certification.**

Bakersfield

State of California - ELAP	1180-S3

Fresno

State of California - ELAP	1180	State of Hawaii	4021
Los Angeles CSD	9254479	NELAP certified	4021-024
State of Nevada	NV-C24-00233	State of Oregon - NELAP	4021-024
EPA UCMR5	CA00079	State of Washington	C997-25

Sacramento

State of California - ELAP	1180-S1

San Bernardino

State of California - ELAP	1180-S2	Los Angeles CSD	9254478
NELAP certified	4119-009	State of Oregon - NELAP	4119-009

Vancouver

NELAP certified	WA100008-019	State of Oregon - NELAP	WA100008-019
State of Washington	C824-24		

AID0312 BSKAs2880 04/02/2025

BSK Associates BSK-SR-0002-00

Sample Integrity

BSK Bottles: Yes No Page 1 of 2

COC Info

Was temperature within range? Chemistry ≤ 6°C Micro < 8°C	Yes No NA	Were correct containers and preservatives received for the tests requested?	Yes No
If samples were taken today, is there evidence that chilling has begun?	Yes No NA	Bubbles Present VOAs (524.2/TTHM/TCP)? TB Received? (Check Method Below)	Yes No NA Yes No NA
Did all bottles arrive unbroken and intact?	Yes No	Was a sufficient amount of sample received?	Yes No
Did all bottle labels agree with COC?	Yes No	**Do samples have a hold time <72 hours?**	Yes No
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?	Yes NA	Was PM notified of discrepancies? PM: dt: email scan copy	Yes No NA

Bottles Received — "—" means preservation/chlorine checks are either N/A or are performed in the lab

250ml(A) 500ml(B) 1Liter(C) 40mlVOA(V) 125ml(D)	Checks*	Passed?	1-4	5	6-10	11	12-16
Bacti $Na_2S_2O_3$	—	—					
None (P) White Label	—	—					
Cr6 (P) Lt. Green Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **DW**	Cl, pH > 8	P F					
Cr6 (P) Pink Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **WW**	pH 9.3-9.7	P F					
Cr6 (P) Black Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **7199** ***24 HOUR HOLD TIME***	pH 9.0-9.5	P F					
HNO_3 (P) Red Label or HCl (P) Purple Cap/Lt. Blue Label	—	—					
H_2SO_4 (P) or (AG) Yellow Label	pH < 2	P F					
NaOH (P) Green Cap/Label	Cl, pH >10	P F					
NaOH + ZnAc (P)	pH > 9	P F					
Dissolved Oxygen 300ml (g)	—	—					
None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270	—	—					
HCl (AG) Lt. Blue Label O&G, Diesel, **TCP**	—	—					
Ascorbic, EDTA, KH_2Ct (AG) Pink Label 525	—	—					
Na_2SO_3 250mL (AG) Neon Green Label 515	—	—					
$Na_2S_2O_3$ 1 Liter (Brown P) 549	—	—					
$Na_2S_2O_3$ (AG) Blue Label 548, THM, 524	—	—					
$Na_2S_2O_3$ (CG) Blue Label 504, 505, 547	—	—					
$Na_2S_2O_3$ + MCAA (CG) Orange Label 531	pH < 3	P F					
NH_4Cl (AG) Purple Label 552	—	—					
EDA (P) or (AG) Brown Label DBPs	—	—					
HCL (CG) 524.2,BTEX,Gas, MTBE, 8260/624	—	—					
Buffer pH 4 (CG)	—	—					
H_3PO_4 (CG) Salmon Label	—	—					
Trizma – EPA 537.1 Light Blue Label **FB**	---	---					
Ammonia Acetate - EPA 533 Purple Label **FB**	---	---					
Bottled Water	—	—					
Clear Glass: Jar/ VOA	—	—		1B		1B	
OTHER: Soil tube	—	—	1		1		1
OTHER:	—	—					

Split

	Container	Preservative	Lot #	Initials	Date/Time
S P					
S P					

Preservation Check
pH Lot #
Cl Lot #

Comments

*Preservation check completed by lab performing analysis.

✓ **Indicates Blanks Received**

504 ___ 524.2 ___ TTHM ___ 537/533 ___ TCP___

✓ **MS/MSD Received Method:** _____

Labeled by: **Checked by:** AT

Scanned: _____ Rush/Short HT Page: _____ Time: _____

BSK Associates BSK-SR-0002-00

Sample Integrity

BSK Bottles: Yes No Page 2 of 2

COC Info

Was temperature within range? Chemistry ≤ 6°C Micro < 8°C	Yes No ~~NA~~	Were correct containers and preservatives received for the tests requested?	~~Yes~~ No
If samples were taken today, is there evidence that chilling has begun?	~~Yes~~ No NA	Bubbles Present VOAs (524.2/TTHM/TCP)? TB Received? (Check Method Below)	Yes No ~~NA~~ Yes No ~~NA~~
Did all bottles arrive unbroken and intact?	~~Yes~~ No	Was a sufficient amount of sample received?	~~Yes~~ No
Did all bottle labels agree with COC?	~~Yes~~ No	**Do samples have a hold time <72 hours?**	Yes ~~No~~
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?	Yes ~~NA~~	Was PM notified of discrepancies? PM: dt: email scan copy	Yes No ~~NA~~

Bottles Received

"_" means preservation/chlorine checks are either N/A or are performed in the lab

250ml(A) 500ml(B) 1Liter(C) 40mlVOA(V) 125ml(D)	Checks*	Passed?	17	18			
Bacti $Na_2S_2O_3$	—	—					
None (P) White Label	—	—					
Cr6 (P) Lt. Green Label/Blue Cap NH4OH(NH4)2SO4 **DW**	Cl, pH > 8	P F					
Cr6 (P) Pink Label/Blue Cap NH4OH(NH4)2SO4 **WW**	pH 9.3-9.7	P F					
Cr6 (P) Black Label/Blue Cap NH4OH(NH4)2SO4 **7199** ***24 HOUR HOLD TIME***	pH 9.0-9.5	P F					
HNO_3 (P) Red Label or HCl (P) Purple Cap/Lt. Blue Label	—	—					
H_2SO_4 (P) or (AG) Yellow Label	pH < 2	P F					
NaOH (P) Green Cap/Label	Cl, pH >10	P F					
NaOH + ZnAc (P)	pH > 9	P F					
Dissolved Oxygen 300ml (g)	—	—					
None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270	—	—					
HCl (AG) Lt. Blue Label O&G, Diesel, **TCP**	—	—					
Ascorbic, EDTA, KH_2Ct (AG) Pink Label 525	—	—					
Na_2SO_3 250mL (AG) Neon Green Label 515	—	—					
$Na_2S_2O_3$ 1 Liter (Brown P) 549	—	—					
$Na_2S_2O_3$ (AG) Blue Label 548, THM, 524	—	—					
$Na_2S_2O_3$ (CG) Blue Label 504, 505, 547	—	—					
$Na_2S_2O_3$ + MCAA (CG) Orange Label 531	pH < 3	P F					
NH_4Cl (AG) Purple Label 552	—	—					
EDA (P) or (AG) Brown Label DBPs	—	—					
HCL (CG) 524.2,BTEX,Gas, MTBE, 8260/624	—	—					
Buffer pH 4 (CG)	—	—					
H_3PO_4 (CG) Salmon Label	—	—					
Trizma – EPA 537.1 Light Blue Label **FB**	---	---					
Ammonia Acetate - EPA 533 Purple Label **FB**	---	---					
Bottled Water	—	—					
Clear Glass: Jar / VOA	—	—	1B				
OTHER: pool tube	—	—		1			
OTHER:	—	—					

TCH 4/2/25

Split

	Container	Preservative	Lot #	Initials	Date/Time
S P					
S P					

Preservation Check
pH Lot #
Cl Lot #

Comments

*Preservation check completed by lab performing analysis.

✓ **Indicates Blanks Received**

504 ___ 524.2 ___ TTHM ___ 537/533 ___ TCP___

✓ **MS/MSD Received Method:** _____

Labeled by: **Checked by:**

Scanned: _____ Rush/Short HT Page: _____ Time: _____

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BSK ASSOCIATES
1414 Stanislaus St., Fresno, CA 93706
(559) 497-2888 · Fax (559) 497-2893
www.bskassociates.com

Turnaround Time Request
- [X] Standard - 10 business days
- [ ] Rush (Surcharge may apply)
- Date needed:

AID0312 BSKAs2880 04/02/2025 7

*Required Fields

Temp: 14.3 Thermometer ID: 09

Company/Client Name*: BSK	**Report Attention*:** kgrove@bskassociates.com **Additional cc's:** jvieira@bskassociates.com	**Invoice To*:** Kevin Grove **PO#:**	**Phone*:** 5594972880 **Fax:** **E-mail*:** kgrove@bskassociates.com
Address*: 691 N Laverne Ave Suite 101	**City*:** Fresno	**State*:** CA	**Zip*:** 93727
Project: Riverdale HS	**Project #:** E25000088		

Reporting Options: [ ] Trace (J-Flag) [ ] Swamp [ ] EDD Type: _____

Sampler Name (Printed/Signature)*: Jill Vieira

Regulatory Carbon Copies: [ ] SWRCB (Drinking Water) [ ] Merced Co [ ] Fresno Co [ ] Madera Co [ ] Tulare Co [ ] Other: _____

Regulatory Compliance: [ ] EDT to California SWRCB (Drinking Water) System Number*: _____ [ ] Geotracker #: _____

Matrix Types: SW=Surface Water BW=Bottled Water GW=Ground Water WW=Waste Water STW=Storm Water DW=Drinking Water SO=Solid

#	Sample Description*	Sampled* Date	Sampled* Time	Matrix*	Comments / Station Code / WTRAX	Composite	Organochlorine Pesticides by EPA 8080A	Arsenic by EPA Method 6010/6020 with	WET, DI-WET, and TCLP Decision
1	7 A	4/2/25	0945	SO		X			
2	7 B		0840	SO		X			
3	7 C		0835	SO		X			
4	7 D		0830	SO		X			
5	Composite 7 (7A, 7B, 7C, 7D)			SO			X		
6	7D Arsenic		0825	SO				X	X
7	8 A		0855	SO		X			
8	8 B		0900	SO		X			
9	8 C		0905	SO		X			
10	8 D		0910	SO		X			
11	Composite 8 (8A, 8B, 8C, 8D)			SO			X		
12	8 D Arsenic		0915	SO				X	X

Relinquished by: (Signature and Printed Name) Jill Vieira	Company: BSK	Date: 4/2/25	Time: 11:40	Received by: (Signature and Printed Name)	Company
Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by: (Signature and Printed Name)	Company
Received for Lab by: (Signature and Printed Name)	BSC	4/2/25	1140	Payment Received at Delivery: Date:	Amount: PIA#: Check / Cash Init.

Shipping Method: ONTRAC UPS GSO [WALK-IN] FED EX Courier: _____

Cooling Method: [Wet] Blue None

Custody Seal: Y / N

Chilling Process Begun: [N] / N

Payment for services rendered as noted herein are due in full within 30 days from the date invoiced. If not so paid, account balances are deemed delinquent. Delinquent balances are subject to monthly service charges and interest specified in BSK's current Standard Terms and Conditions for Laboratory Services. The person signing for the Client/Company acknowledges that they are either the Client or an authorized agent to the Client, that the Client agrees to be responsible for payment for the services on this Chain of Custody, and agrees to BSK's terms and conditions for laboratory services unless contractually bound otherwise. BSK's current terms and conditions can be found at www.bskassociates.com/BSKLabTermsConditions.pdf

BSK ASSOCIATES
1414 Stanislaus St., Fresno, CA 93706
(559) 497-2888 · Fax (559) 497-2893
www.bskassociates.com

Turnaround Time Request
☒ Standard - 10 business days
☐ Rush (Surcharge may apply)
Date needed:

AID0312 BSKAs2880 04/02/2025 7

*Required Fields

Temp: 14.3 Thermometer ID: 165

Company/Client Name*: BSK	Report Attention*: kgrove@bskassociates.com Additional cc's: jvieira@bskassociates.com	Invoice To*: Kevin Grove PO#:	Phone*: 5594972880 Fax: E-mail*: kgrove@bskassociates.com
Address*: 691 N Laverne Ave Suite 101	City*: Fresno	State*: CA	Zip*: 93727
Project: Riverdale HS	Project #: E25000088		

Reporting Options: ☐ Trace (J-Flag) ☐ Swamp ☐ EDD Type: _____

Sampler Name (Printed/Signature)*: Jill Vieira

Regulatory Carbon Copies: ☐ SWRCB (Drinking Water) ☐ Merced Co ☐ Fresno Co ☐ Madera Co ☐ Tulare Co ☐ Other: _____

Regulatory Compliance: ☐ EDT to California SWRCB (Drinking Water) System Number*: _____ ☐ Geotracker #: _____

*Matrix Types: SW=Surface Water BW=Bottled Water GW=Ground Water WW=Waste Water STW=Storm Water DW=Drinking Water SO=Solid

#	Sample Description*	Sampled* Date	Sampled* Time	Matrix*	Comments / Station Code / WTRAX	Composite	Organochlorine Pesticides by EPA 8080A	Arsenic by EPA Method 6010/6020 with	WET, DI-WET, and TCLP Decision
13	9 A	4/2/25	0940	SO		X			
14	9 B		0950	SO		X			
15	9 C		0955	SO		X			
16	9 D		0930	SO		X			
17	Composite (A, B, C, D)			SO			X		
18	9 D Arsenic		0935	SO				X	
	~~A~~			~~SO~~		~~X~~			
	~~B~~			~~SO~~		~~X~~			
	~~C~~			~~SO~~		~~X~~			
	~~D~~			~~SO~~		~~X~~			
	~~Composite (A, B, C, D)~~			~~SO~~			~~X~~		
	~~D Arsenic~~			~~SO~~				~~X~~	

Relinquished by: (Signature and Printed Name) Jill Vieira	Company BSK	Date 4/2/25	Time 1140	Received by: (Signature and Printed Name)	Company
Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by: (Signature and Printed Name)	Company
Received for Lab by: (Signature and Printed Name)	BSC	4/2/25	1440	Payment Received at Delivery: Date: Amount:	Check / Cash PIA#: Init.

Shipping Method: ONTRAC UPS GSO WALK-IN FED EX Courier: _____

Cooling Method: Wet Blue None

Custody Seal: Y / N

Chilling Process Begun: Y / N

Payment for services rendered as noted herein are due in full within 30 days from the date invoiced. If not so paid, account balances are deemed delinquent. Delinquent balances are subject to monthly service charges and interest specified in BSK's current Standard Terms and Conditions for Laboratory Services. The person signing for the Client/Company acknowledges that they are either the Client or an authorized agent to the Client, that the Client agrees to be responsible for payment for the services on this Chain of Custody, and agrees to BSK's terms and conditions for laboratory services unless contractually bound otherwise. BSK's current terms and conditions can be found at www.bskassociates.com/BSKLabTermsConditions.pdf

BSK Associates Laboratory Fresno
687 N. Laverne Avenue
Fresno, CA 93727
559-497-2888 (Main)

AIG0333
7/14/2025
Invoice: AI18692

Kevin Grove
BSK Associates - Fresno
691 N. Laverne Ave, Suite 101
Fresno, CA 93727

RE: Report for AIG0333 Riverdale HS E2500088

Dear Kevin Grove,

Thank you for using BSK Associates for your analytical testing needs. In the following pages, you will find the test results for the samples submitted to our laboratory on 7/2/2025. The results have been approved for release by our Laboratory Director as indicated by the authorizing signature below.

The samples were analyzed for the test(s) indicated on the Chain of Custody (see attached) and the results relate only to the samples analyzed. BSK certifies that the testing was performed in accordance with the quality system requirements specified in the 2016 TNI Standard. Any deviations from this standard or from the method requirements for each test procedure performed will be annotated alongside the analytical result or noted in the Case Narrative. Unless otherwise noted, the sample results are reported on an "as received" basis.

This certificate of analysis shall not be reproduced except in full, without written approval of the laboratory.

If additional clarification of any information is required, please contact your Client Services Representative, Elaine M. Phillips , at 559-497-2888.

Thank you again for using BSK Associates. We value your business and appreciate your loyalty.

Sincerely,

Elaine M. Phillips, Project Manager

Accredited in Accordance with NELAP
ORELAP #4021

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Case Narrative

Project and Report Details		Invoice Details	
Client:	BSK Associates - Fresno	**Invoice To:**	BSK Associates - Corporate
Report To:	Kevin Grove	**Invoice Attn:**	BSK Associates-Corp
Project #:	-	**Project PO#:**	-
Received:	7/02/2025 - 12:06		
Report Due:	7/14/2025		

Sample Receipt Conditions

Cooler: Default Cooler
Temperature on Receipt ºC: 26.9

Containers Intact
COC/Labels Agree
Received On Ice
Sample(s) arrived at lab on same day sampled.
Packing Material - Other
Sample(s) were received in temperature range.
Initial receipt at BSK-FAL

Data Qualifiers

The following qualifiers have been applied to one or more analytical results:

CV0.0	CCV recovery was above method acceptance limits; no material impact on reported result as sample detection is below the reporting limit for this parameter.
MS1.3	Matrix spike recovery data unavailable or unreliable due to significant dilution required for matrix interferences.

Report Distribution

Recipient(s)	Report Format	CC:
Jill Vieira	FINAL.RPT	
Kevin Grove	FINAL.RPT	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AIG0333-05
Sampled By: Jill Vieira
Sample Description: Composite 10 (10A, 10B, 10C, 10D)

Sample Date - Time: 07/02/2025 - 10:15
Matrix: Soil
Sample Type: Composite

Composite Start: 07/02/2025 - 09:35

BSK Associates Laboratory Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Organochlorine Pesticides by GC-ECD									
4,4'-DDD	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	CV0.0
4,4'-DDE	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
4,4'-DDT	EPA 8081B	ND	5.0	ug/kg	5	AIG0546	07/09/25	07/11/25	
Aldrin	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
alpha-BHC	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
beta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
delta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Lindane	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Chlordane (Technical)	EPA 8081B	ND	50	ug/kg	1	AIG0546	07/09/25	07/10/25	
Dieldrin	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Endosulfan I	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Endosulfan II	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Endosulfan Sulfate	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Endrin	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Endrin Aldehyde	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Endrin Ketone	EPA 8081B	ND	5.0	ug/kg	5	AIG0546	07/09/25	07/11/25	
Heptachlor	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Heptachlor Epoxide	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Methoxychlor	EPA 8081B	ND	5.0	ug/kg	5	AIG0546	07/09/25	07/11/25	
Toxaphene	EPA 8081B	ND	50	ug/kg	1	AIG0546	07/09/25	07/10/25	
alpha-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
gamma-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Surrogate: Decachlorobiphenyl	EPA 8081B	77 %	*Acceptable range: 10-138 %*						
Surrogate: TCMX	EPA 8081B	77 %	*Acceptable range: 10-138 %*						

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AIG0333-06
Sampled By: Jill Vieira
Sample Description: 10 D Arsenic

Sample Date - Time: 07/02/2025 - 10:15
Matrix: Soil
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 6020	**4.6**	2.5	mg/kg	1	AIG0367	07/07/25	07/09/25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AIG0333-11
Sampled By: Jill Vieira
Sample Description: Composite 11 (11A, 11B, 11C, 11D)

Sample Date - Time: 07/02/2025 - 11:10
Matrix: Soil
Sample Type: Composite

Composite Start: 07/02/2025 - 10:40

BSK Associates Laboratory Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Organochlorine Pesticides by GC-ECD									
4,4'-DDD	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	CV0.0
4,4'-DDE	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
4,4'-DDT	EPA 8081B	ND	5.0	ug/kg	5	AIG0546	07/09/25	07/11/25	
Aldrin	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
alpha-BHC	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
beta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
delta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Lindane	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Chlordane (Technical)	EPA 8081B	ND	50	ug/kg	1	AIG0546	07/09/25	07/10/25	
Dieldrin	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Endosulfan I	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Endosulfan II	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Endosulfan Sulfate	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Endrin	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Endrin Aldehyde	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Endrin Ketone	EPA 8081B	ND	5.0	ug/kg	5	AIG0546	07/09/25	07/11/25	
Heptachlor	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Heptachlor Epoxide	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Methoxychlor	EPA 8081B	ND	5.0	ug/kg	5	AIG0546	07/09/25	07/11/25	
Toxaphene	EPA 8081B	ND	50	ug/kg	1	AIG0546	07/09/25	07/10/25	
alpha-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
gamma-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Surrogate: Decachlorobiphenyl	EPA 8081B	76 %	*Acceptable range: 10-138 %*						
Surrogate: TCMX	EPA 8081B	69 %	*Acceptable range: 10-138 %*						

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AIG0333-12
Sampled By: Jill Vieira
Sample Description: 11 D Arsenic

Sample Date - Time: 07/02/2025 - 11:10
Matrix: Soil
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 6020	**4.4**	2.5	mg/kg	1	AIG0367	07/07/25	07/09/25	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AIG0333-17
Sampled By: Jill Vieira
Sample Description: Composite 10 (10A Dup, 10B Dup, 10C Dup, 10D Dup)

Sample Date - Time: 07/02/2025 - 10:15
Matrix: Soil
Sample Type: Composite

Composite Start: 07/02/2025 - 09:35

BSK Associates Laboratory Fresno

Organics

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Organochlorine Pesticides by GC-ECD									
4,4'-DDD	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	CV0.0
4,4'-DDE	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
4,4'-DDT	EPA 8081B	ND	5.0	ug/kg	5	AIG0546	07/09/25	07/11/25	
Aldrin	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
alpha-BHC	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
beta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
delta-BHC	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Lindane	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Chlordane (Technical)	EPA 8081B	ND	50	ug/kg	1	AIG0546	07/09/25	07/10/25	
Dieldrin	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Endosulfan I	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Endosulfan II	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Endosulfan Sulfate	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Endrin	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Endrin Aldehyde	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Endrin Ketone	EPA 8081B	ND	5.0	ug/kg	5	AIG0546	07/09/25	07/11/25	
Heptachlor	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Heptachlor Epoxide	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Methoxychlor	EPA 8081B	ND	5.0	ug/kg	5	AIG0546	07/09/25	07/11/25	
Toxaphene	EPA 8081B	ND	50	ug/kg	1	AIG0546	07/09/25	07/10/25	
alpha-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
gamma-Chlordane	EPA 8081B	ND	5.0	ug/kg	1	AIG0546	07/09/25	07/10/25	
Surrogate: Decachlorobiphenyl	EPA 8081B	86 %	*Acceptable range: 10-138 %*						
Surrogate: TCMX	EPA 8081B	81 %	*Acceptable range: 10-138 %*						

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Sample ID: AIG0333-18
Sampled By: Jill Vieira
Sample Description: 10 D Arsenic Duplicate

Sample Date - Time: 07/02/2025 - 10:15
Matrix: Soil
Sample Type: Grab

BSK Associates Laboratory Fresno

Metals

Analyte	Method	Result	RL	Units	RL Mult	Batch	Prepared	Analyzed	Qual
Arsenic	EPA 6020	**5.0**	2.5	mg/kg	1	AIG0367	07/07/25	07/09/25	

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BSK Associates Laboratory Fresno

Metals Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 6020 - Quality Control											
Batch: AIG0367										Prepared: 7/7/2025	
Prep Method: EPA 3050B										Analyst: AHS	
Blank (AIG0367-BLK1)											
Arsenic	ND	2.5	mg/kg							07/09/25	
Blank Spike (AIG0367-BS1)											
Arsenic	100	2.5	mg/kg	100	ND	102	75-125			07/09/25	
Blank Spike Dup (AIG0367-BSD1)											
Arsenic	96	2.5	mg/kg	98	ND	98	75-125	7	20	07/09/25	
Matrix Spike (AIG0367-MS1), Source: AIF3610-01											
Arsenic	100	2.5	mg/kg	98	4.6	102	75-125			07/09/25	
Matrix Spike Dup (AIG0367-MSD1), Source: AIF3610-01											
Arsenic	110	2.5	mg/kg	100	4.6	101	75-125	3	20	07/09/25	

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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 8081B - Quality Control											
Batch: AIG0546										Prepared: 7/9/2025	
Prep Method: EPA 3546										Analyst: RDH	
Blank (AIG0546-BLK1)											
4,4'-DDD	ND	5.0	ug/kg							07/10/25	
4,4'-DDE	ND	5.0	ug/kg							07/10/25	
4,4'-DDT	ND	5.0	ug/kg							07/10/25	
Aldrin	ND	5.0	ug/kg							07/10/25	
alpha-BHC	ND	5.0	ug/kg							07/10/25	
beta-BHC	ND	5.0	ug/kg							07/10/25	
delta-BHC	ND	5.0	ug/kg							07/10/25	
Lindane	ND	5.0	ug/kg							07/10/25	
Chlordane (Technical)	ND	50	ug/kg							07/10/25	
Dieldrin	ND	5.0	ug/kg							07/10/25	
Endosulfan I	ND	5.0	ug/kg							07/10/25	
Endosulfan II	ND	5.0	ug/kg							07/10/25	
Endosulfan Sulfate	ND	5.0	ug/kg							07/10/25	
Endrin	ND	5.0	ug/kg							07/10/25	
Endrin Aldehyde	ND	5.0	ug/kg							07/10/25	
Endrin Ketone	ND	5.0	ug/kg							07/10/25	
Heptachlor	ND	5.0	ug/kg							07/10/25	
Heptachlor Epoxide	ND	5.0	ug/kg							07/10/25	
Methoxychlor	ND	5.0	ug/kg							07/10/25	
Toxaphene	ND	50	ug/kg							07/10/25	
alpha-Chlordane	ND	5.0	ug/kg							07/10/25	
gamma-Chlordane	ND	5.0	ug/kg							07/10/25	
Surrogate: Decachlorobiphenyl	*11*			*9.4*		*113*	*10-138*			07/10/25	
Surrogate: TCMX	*9.7*			*9.4*		*103*	*10-138*			07/10/25	
Blank Spike (AIG0546-BS1)											
4,4'-DDD	9.6	5.0	ug/kg	10	ND	96	40-134			07/10/25	
4,4'-DDE	9.2	5.0	ug/kg	10	ND	92	46-139			07/10/25	
4,4'-DDT	9.3	5.0	ug/kg	10	ND	93	38-156			07/10/25	
Aldrin	9.5	5.0	ug/kg	10	ND	95	44-125			07/10/25	
alpha-BHC	8.8	5.0	ug/kg	10	ND	88	30-137			07/10/25	
beta-BHC	9.0	5.0	ug/kg	10	ND	90	40-155			07/10/25	
delta-BHC	8.9	5.0	ug/kg	10	ND	89	11-139			07/10/25	
Lindane	9.2	5.0	ug/kg	10	ND	92	37-140			07/10/25	
Dieldrin	9.8	5.0	ug/kg	10	ND	98	39-137			07/10/25	
Endosulfan I	8.6	5.0	ug/kg	10	ND	86	38-132			07/10/25	
Endosulfan II	9.4	5.0	ug/kg	10	ND	94	34-138			07/10/25	
Endosulfan Sulfate	9.2	5.0	ug/kg	10	ND	92	38-144			07/10/25	
Endrin	9.8	5.0	ug/kg	10	ND	98	22-161			07/10/25	
Endrin Aldehyde	8.5	5.0	ug/kg	10	ND	85	42-142			07/10/25	
Endrin Ketone	9.5	5.0	ug/kg	10	ND	95	70-130			07/10/25	
Heptachlor	9.5	5.0	ug/kg	10	ND	95	44-133			07/10/25	
Heptachlor Epoxide	9.4	5.0	ug/kg	10	ND	94	46-137			07/10/25	

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BSK Associates Laboratory Fresno

Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 8081B - Quality Control											
Batch: AIG0546										Prepared: 7/9/2025	
Prep Method: EPA 3546										Analyst: RDH	
Blank Spike (AIG0546-BS1)											
Methoxychlor	9.5	5.0	ug/kg	10	ND	95	42-161			07/10/25	
alpha-Chlordane	9.2	5.0	ug/kg	10	ND	92	50-150			07/10/25	
gamma-Chlordane	11	5.0	ug/kg	10	ND	107	50-150			07/10/25	
Surrogate: Decachlorobiphenyl	*11*			*9.4*		*114*	*10-138*			07/10/25	
Surrogate: TCMX	*10*			*9.4*		*109*	*10-138*			07/10/25	
Matrix Spike (AIG0546-MS1), Source: AIG0333-05											
4,4'-DDD	6.7	5.0	ug/kg	9.9	ND	67	40-134			07/10/25	
4,4'-DDE	6.6	5.0	ug/kg	9.9	ND	56	46-139			07/10/25	
4,4'-DDT	6.0	5.0	ug/kg	9.9	ND	60	38-156			07/11/25	
Aldrin	5.9	5.0	ug/kg	9.9	ND	59	44-125			07/10/25	
alpha-BHC	5.7	5.0	ug/kg	9.9	ND	58	30-137			07/10/25	
beta-BHC	5.6	5.0	ug/kg	9.9	ND	56	40-155			07/10/25	
delta-BHC	4.9	5.0	ug/kg	9.9	ND	50	11-139			07/10/25	
Lindane	6.5	5.0	ug/kg	9.9	ND	65	37-140			07/10/25	
Dieldrin	6.0	5.0	ug/kg	9.9	ND	61	39-137			07/10/25	
Endosulfan I	5.3	5.0	ug/kg	9.9	ND	54	38-132			07/10/25	
Endosulfan II	5.4	5.0	ug/kg	9.9	ND	55	34-138			07/10/25	
Endosulfan Sulfate	4.3	5.0	ug/kg	9.9	ND	44	38-144			07/10/25	
Endrin	6.2	5.0	ug/kg	9.9	ND	63	22-161			07/10/25	
Endrin Aldehyde	4.5	5.0	ug/kg	9.9	ND	46	42-142			07/10/25	
Endrin Ketone	5.7	5.0	ug/kg	9.9	ND	58	70-130			07/11/25	MS1.3 ***Low***
Heptachlor	6.2	5.0	ug/kg	9.9	ND	62	44-133			07/10/25	
Heptachlor Epoxide	6.0	5.0	ug/kg	9.9	ND	61	46-137			07/10/25	
Methoxychlor	4.8	5.0	ug/kg	9.9	ND	48	42-161			07/11/25	
alpha-Chlordane	6.3	5.0	ug/kg	9.9	ND	64	50-150			07/10/25	
gamma-Chlordane	7.6	5.0	ug/kg	9.9	ND	77	50-150			07/10/25	
Surrogate: Decachlorobiphenyl	*7.3*			*9.3*		*78*	*10-138*			07/10/25	
Surrogate: TCMX	*7.1*			*9.3*		*76*	*10-138*			07/10/25	
Matrix Spike Dup (AIG0546-MSD1), Source: AIG0333-05											
4,4'-DDD	6.8	5.0	ug/kg	9.9	ND	69	40-134	3	30	07/10/25	
4,4'-DDE	6.4	5.0	ug/kg	9.9	ND	53	46-139	4	30	07/10/25	
4,4'-DDT	5.7	5.0	ug/kg	9.9	ND	57	38-156	5	30	07/11/25	
Aldrin	6.0	5.0	ug/kg	9.9	ND	61	44-125	2	30	07/10/25	
alpha-BHC	5.7	5.0	ug/kg	9.9	ND	57	30-137	1	30	07/10/25	
beta-BHC	5.7	5.0	ug/kg	9.9	ND	58	40-155	3	30	07/10/25	
delta-BHC	5.2	5.0	ug/kg	9.9	ND	53	11-139	6	30	07/10/25	
Lindane	6.3	5.0	ug/kg	9.9	ND	64	37-140	2	30	07/10/25	
Dieldrin	6.0	5.0	ug/kg	9.9	ND	60	39-137	1	30	07/10/25	
Endosulfan I	5.3	5.0	ug/kg	9.9	ND	53	38-132	1	30	07/10/25	
Endosulfan II	5.7	5.0	ug/kg	9.9	ND	58	34-138	5	30	07/10/25	
Endosulfan Sulfate	4.8	5.0	ug/kg	9.9	ND	48	38-144	10	30	07/10/25	

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Organics Quality Control Report

Analyte	Result	RL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Date Analyzed	Qual
EPA 8081B - Quality Control											
Batch: AIG0546										Prepared: 7/9/2025	
Prep Method: EPA 3546										Analyst: RDH	
Matrix Spike Dup (AIG0546-MSD1), Source: AIG0333-05											
Endrin	6.2	5.0	ug/kg	9.9	ND	63	22-161	0	30	07/10/25	
Endrin Aldehyde	4.7	5.0	ug/kg	9.9	ND	47	42-142	4	30	07/10/25	
Endrin Ketone	5.8	5.0	ug/kg	9.9	ND	59	70-130	2	30	07/11/25	MS1.3 ***Low***
Heptachlor	6.0	5.0	ug/kg	9.9	ND	60	44-133	3	30	07/10/25	
Heptachlor Epoxide	6.0	5.0	ug/kg	9.9	ND	60	46-137	1	30	07/10/25	
Methoxychlor	5.2	5.0	ug/kg	9.9	ND	52	42-161	8	30	07/11/25	
alpha-Chlordane	6.1	5.0	ug/kg	9.9	ND	62	50-150	3	30	07/10/25	
gamma-Chlordane	7.5	5.0	ug/kg	9.9	ND	75	50-150	2	30	07/10/25	
Surrogate: Decachlorobiphenyl	*7.1*			*9.3*		*76*	*10-138*			07/10/25	
Surrogate: TCMX	*6.9*			*9.3*		*75*	*10-138*			07/10/25	

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Certificate of Analysis

Notes:

- The Chain of Custody document and Sample Integrity Sheet are part of the analytical report.
- Any remaining sample(s) for testing will be disposed of according to BSK's sample retention policy unless other arrangements are made in advance.
- All positive results for EPA Methods 504.1 and 524.2 require the analysis of a Field Reagent Blank (FRB) to confirm that the results are not a contamination error from field sampling steps. If Field Reagent Blanks were not submitted with the samples, this method requirement has not been performed.
- Samples collected by BSK Analytical Laboratories were collected in accordance with the BSK Sampling and Collection Standard Operating Procedures.
- J-value is equivalent to DNQ (Detected, not quantified) which is a trace value. A trace value is an analyte detected between the MDL and the laboratory reporting limit. This result is of an unknown data quality and is only qualitative (estimated). Baseline noise, calibration curve extrapolation below the lowest calibrator, method blank detections, and integration artifacts can all produce apparent DNQ values, which contribute to the un-reliability of these values.
- (1) - Residual chlorine and pH analysis have a 15 minute holding time for both drinking and waste water samples as defined by the EPA and 40 CFR 136. Waste water and ground water (monitoring well) samples must be field filtered to meet the 15 minute holding time for dissolved metals.
- Field tests are outside the scope of laboratory accreditation and there is no certification available for field testing.
- Summations of analytes (i.e. Total Trihalomethanes) may appear to add individual amounts incorrectly, due to rounding of analyte values occurring before or after the total value is calculated, as well as rounding of the total value.
- RL Multiplier is the factor used to adjust the reporting limit (RL) due to variations in sample preparation procedures and dilutions required for matrix interferences.
- Due to the subjective nature of the Threshold Odor Method , all characterizations of the detected odor are the opinion of the panel of analysts. The characterizations can be found in Standard Methods 2170B Figure 2170:1.
- The MCLs provided in this report (if applicable) represent the primary MCLs for that analyte.
- (2) - Formerly known as Bis(2-Chloroisopropyl) ether.
  Unless otherwise noted, TOC results by SM 5310C method do not include purgeable organic carbon, which is removed along with the inorganic carbon interference. The POC contribution to TOC is considered to be negligible .

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Definitions

mg/L:	Milligrams/Liter (ppm)	MDL:	Method Detection Limit	MDA95:	Min. Detected Activity
mg/Kg:	Milligrams/Kilogram (ppm)	RL:	Reporting Limit: DL x Dilution	MPN:	Most Probable Number
µg/L:	Micrograms/Liter (ppb)	ND:	None Detected below MRL/MDL	CFU:	Colony Forming Unit
µg/Kg:	Micrograms/Kilogram (ppb)	pCi/L:	PicoCuries per Liter	Absent:	Less than 1 CFU/100mLs
%:	Percent	RL Mult:	RL Multiplier	Present:	1 or more CFU/100mLs
NR:	Non-Reportable	MCL:	Maximum Contaminant Limit	U:	The analyte was not detected at or above the reported sample quantitation limit.

Please see the individual Subcontract Lab's report for applicable certifications.

The following parameters are not available for certification through CA ELAP:

Odor Diisopropyl ether (DIPE) by EPA 524.2

The following parameters are calculated values and are outside the scope of our NELAP accreditation:

Total Nitrogen Aggressive Index Trivalent Chromium

BSK is not accredited under the NELAP program for the following additional parameters: **NA**

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Certificate of Analysis

Certifications: **Please refer to our website for a copy of our Accredited Fields of Testing under each certification.**

Bakersfield

State of California - ELAP	1180-S3

Fresno

State of California - ELAP	1180	State of Hawaii	4021
Los Angeles CSD	9254479	NELAP certified	4021-024
State of Nevada	NV-C24-00233	State of Oregon - NELAP	4021-024
EPA UCMR5	CA00079	State of Washington	C997-25

Sacramento

State of California - ELAP	1180-S1

San Bernardino

State of California - ELAP	1180-S2	Los Angeles CSD	9254478
NELAP certified	4119-009	State of Oregon - NELAP	4119-009

Vancouver

NELAP certified	WA100008-020	State of Oregon - NELAP	WA100008-020
State of Washington	C824-24		

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

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Sample Integrity

BSK Bottles: Yes No Page 1 of 2

COC Info

Was temperature within range? Chemistry ≤ 6°C Micro < 8°C	Yes No NA	Were correct containers and preservatives received for the tests requested?	Yes No
If samples were taken today, is there evidence that chilling has begun?	Yes No NA	Bubbles Present VOAs (524.2/TTHM/TCP)? TB Received? (Check Method Below)	Yes No NA Yes No NA
Did all bottles arrive unbroken and intact?	Yes No	Was a sufficient amount of sample received?	Yes No
Did all bottle labels agree with COC?	Yes No	**Do samples have a hold time <72 hours?**	Yes No
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?	Yes NA	Was PM notified of discrepancies? PM: dt: email scan copy	Yes No NA

Bottles Received — "—" means preservation/chlorine checks are either N/A or are performed in the lab

250ml(A) 500ml(B) 1Liter(C) 40mlVOA(V) 125ml(D)	Checks*	Passed?	1-4	5	6-10	11	12-16
Bacti $Na_2S_2O_3$	—	—					
None (P) White Label	—	—					
Cr6 (P) Lt. Green Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **DW**	Cl, pH > 8	P F					
Cr6 (P) Pink Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **WW**	pH 9.3-9.7	P F					
Cr6 (P) Black Label/Blue Cap $NH_4OH(NH_4)_2SO_4$ **7199** ***24 HOUR HOLD TIME***	pH 9.0-9.5	P F					
HNO_3 (P) Red Label or HCl (P) Purple Cap/Lt. Blue Label	—	—					
H_2SO_4 (P) or (AG) Yellow Label	pH < 2	P F					
NaOH (P) Green Cap/Label	Cl, pH >10	P F					
NaOH + ZnAc (P)	pH > 9	P F					
Dissolved Oxygen 300ml (g)	—	—					
None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270	—	—					
HCl (AG) Lt. Blue Label O&G, Diesel, TCP	—	—					
Ascorbic, EDTA, KH_2Ct (AG) Pink Label 525	—	—					
Na_2SO_3 250mL (AG) Neon Green Label 515	—	—					
$Na_2S_2O_3$ 1 Liter (Brown P) 549	—	—					
$Na_2S_2O_3$ (AG) Blue Label 548, THM, 524	—	—					
$Na_2S_2O_3$ (CG) Blue Label 504, 505, 547	—	—					
$Na_2S_2O_3$ + MCAA (CG) Orange Label 531	pH < 3	P F					
NH_4Cl (AG) Purple Label 552	—	—					
EDA (P) or (AG) Brown Label DBPs	—	—					
HCL (CG) 524.2,BTEX,Gas, MTBE, 8260/624	—	—					
Buffer pH 4 (CG)	—	—					
H_3PO_4 (CG) Salmon Label	—	—					
Trizma – EPA 537.1 Light Blue Label **FB**	---	---					
Ammonia Acetate - EPA 533 Purple Label **FB**	---	---					
Bottled Water	—	—					
Clear Glass: Jar / VOA	—	—		1B		1B	
OTHER: Soil Tube	—	—	1		1		1
OTHER:	—	—					

Split

	Container	Preservative	Lot #	Initials	Date/Time
S P					
S P					

Preservation Check
pH Lot #
Cl Lot #

Comments

*Preservation check completed by lab performing analysis.

✓ **Indicates Blanks Received**

504 ___ 524.2 ___ TTHM ___ 537/533 ___ TCP___

✓ **MS/MSD Received Method:** _____

Labeled by: **Checked by:**

Scanned: Y Rush/Short HT Page: _____ Time:_____

AIG0333 BSKAs2880 07/02/2025 7

Sample Integrity

BSK Bottles: Yes No Page 2 of 2

COC Info

Was temperature within range? Chemistry ≤ 6°C Micro < 8°C	Yes No NA	Were correct containers and preservatives received for the tests requested?	Yes No
If samples were taken today, is there evidence that chilling has begun?	Yes No NA	Bubbles Present VOAs (524.2/TTHM/TCP)? TB Received? (Check Method Below)	Yes No NA Yes No NA
Did all bottles arrive unbroken and intact?	Yes No	Was a sufficient amount of sample received?	Yes No
Did all bottle labels agree with COC?	Yes No	**Do samples have a hold time <72 hours?**	Yes No
Was sodium thiosulfate added to CN sample(s) until chlorine was no longer present?	Yes NA	Was PM notified of discrepancies? PM: dt: email scan copy	Yes No NA

Bottles Received — "—" means preservation/chlorine checks are either N/A or are performed in the lab

250ml(A) 500ml(B) 1Liter(C) 40mlVOA(V) 125ml(D)	Checks*	Passed?						
			17	18				
Bacti $Na_2S_2O_3$	—	—						
None (P) White Label	—	—						
Cr6 (P) Lt. Green Label/Blue Cap NH4OH(NH4)2SO4 **DW**	Cl, pH > 8	P F						
Cr6 (P) Pink Label/Blue Cap NH4OH(NH4)2SO4 **WW**	pH 9.3-9.7	P F						
Cr6 (P) Black Label/Blue Cap NH4OH(NH4)2SO4 **7199** ***24 HOUR HOLD TIME***	pH 9.0-9.5	P F						
HNO_3 (P) Red Label or HCl (P) Purple Cap/Lt. Blue Label	—	—						
H_2SO_4 (P) or (AG) Yellow Label	pH < 2	P F						
NaOH (P) Green Cap/Label	Cl, pH >10	P F						
NaOH + ZnAc (P)	pH > 9	P F						
Dissolved Oxygen 300ml (g)	—	—						
None (AG) 608/8081/8082, 625, 632/8321, 8151, 8270	—	—						
HCl (AG) Lt. Blue Label O&G, Diesel, TCP	—	—						
Ascorbic, EDTA, KH_2Ct (AG) Pink Label 525	—	—						
Na_2SO_3 250mL (AG) Neon Green Label 515	—	—						
$Na_2S_2O_3$ 1 Liter (Brown P) 549	—	—						
$Na_2S_2O_3$ (AG) Blue Label 548, THM, 524	—	—						
$Na_2S_2O_3$ (CG) Blue Label 504, 505, 547	—	—						
$Na_2S_2O_3$ + MCAA (CG) Orange Label 531	pH < 3	P F						
NH_4Cl (AG) Purple Label 552	—	—						
EDA (P) or (AG) Brown Label DBPs	—	—						
HCL (CG) 524.2,BTEX,Gas, MTBE, 8260/624	—	—						
Buffer pH 4 (CG)	—	—						
H_3PO_4 (CG) Salmon Label	—	—						
Trizma – EPA 537.1 Light Blue Label **FB**	---	---						
Ammonia Acetate - EPA 533 Purple Label **FB**	---	---						
Bottled Water	—	—						
Clear Glass: Jar / VOA	—	—	18					
OTHER: Soil Tube	—	—	4	1				
OTHER:	—	—						

Split

	Container	Preservative	Lot #	Initials	Date/Time
S P					
S P					

Preservation Check
pH Lot #
Cl Lot #

Comments

*Preservation check completed by lab performing analysis.

✓ **Indicates Blanks Received**

504 ___ 524.2 ___ TTHM ___ 537/533 ___ TCP___

✓ **MS/MSD Received Method:** _____

Labeled by: **Checked by:**

Scanned: _____ Rush/Short HT Page: _____ Time:_____

T7

BSK Associates Engineers & Laboratories

1414 Stanislaus St., Fresno, CA 93706
(559) 497-2888 · Fax (559) 497-2893
www.bskassociates.com

Turnaround Time Request
- [X] Standard - 10 business days
- [ ] Rush (Surcharge may apply)
  Date needed: 5-Day

AIG0333 BSKAs2880 07/02/2025

*Required Fields

Temp: 26.9 #82

Company/Client Name*:	Report Attention*:	Invoice To*:	Phone*:	Fax:
BSK Associates	kgrove@bskassociates.com Additional cc's: Jill Vieira	Kevin Grove PO#:	559-497-2880 E-mail*: kgrove@bskassociates.com	

Address*:	City*:	State*:	Zip*:
691 N. Laverne Avenue	Fresno	CA	93650

Project:	Project #:	How would you like to receive your completed results?*
Riverdale HS	E25000088	[X] E-Mail [ ] Fax [ ] Mail

Reporting Options: [ ] Trace (J-Flag) [ ] Swamp [ ] EDD Type: Standard

Sampler Name (Printed/Signature)*: Jill Vieira

Regulatory Carbon Copies: [ ] SWRCB (Drinking Water) [ ] Merced Co [ ] Fresno Co [ ] Madera Co [ ] Tulare Co [ ] Other:

Regulatory Compliance: [ ] EDT to California SWRCB (Drinking Water) System Number*: [ ] Geotracker #:

Matrix Types: SW=Surface Water BW=Bottled Water GW=Ground Water WW=Waste Water STW=Storm Water DW=Drinking Water SO=Solid

#	Sample Description*	Sampled* Date	Sampled* Time	Matrix*	Comments / Station Code / WTRAX	Composite	Organochlorine Pesticides by EPA 8080A	Arsenic by EPA Method 6010/ 6020 with	WET, DI-WET, & TCLP Decision
1	10 A	7/2/25	0935	SO		X			
2	10 B		0945			X			
3	10 C		1000			X			
4	10 D		1015			X			
5	Composite 10 (10A, 10B, 10C, 10D)						X		
6	10 D Arsenic		1015					X	X
7	11 A		1040			X			
8	11 B		1050			X			
9	11 C		1100			X			
10	11 D		1110			X			
11	Composite 11 (11A, 11B, 11C, 11D)						X		
12	11 D Arsenic		1110					X	X
13									
14									

Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by: (Signature and Printed Name)	Company
Jill Vieira	BSK	7/2/2025	1200		
Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by: (Signature and Printed Name)	Company
Received for Lab by: (Signature and Printed Name) Karson Kozielski		Date 7.2.25	Time 1206	Payment Received at Delivery: Date: Amount: PIA#: Check / Cash Init.	

Shipping Method: ONTRAC UPS GSO (WALK-IN) FED EX Courier:

Cooling Method: (Wet) Blue None

Custody Seal: Y (N)

Chilling Process Begun: (Y) N

Payment for services rendered as noted herein are due in full within 30 days from the date invoiced. If not so paid, account balances are deemed delinquent. Delinquent balances are subject to monthly service charges and interest specified in BSK's current Standard Terms and Conditions for Laboratory Services. The person signing for the Client/Company acknowledges that they are either the Client or an authorized agent to the Client, that the Client agrees to be responsible for payment for the services on this Chain of Custody, and agrees to BSK's terms and conditions for laboratory services unless contractually bound otherwise. BSK's current terms and conditions can be found at www.bskassociates.com/BSKLabTermsConditions.pdf

T7

BSK Associates Engineers & Laboratories

1414 Stanislaus St., Fresno, CA 93706
(559) 497-2888 · Fax (559) 497-2893
www.bskassociates.com

Turnaround Time Request
- [X] Standard - 10 business days
- [ ] Rush (Surcharge may apply)
- [ ] Date needed: 5-Day

AIG0333 BSKAs2880 07/02/2025

*Required Fields

Temp: 26.9 #8

Company/Client Name*:	Report Attention*:	Invoice To*:	Phone*:	Fax:
BSK Associates	kgrove@bskassociates.com Additional cc's: Jill Vieira	Kevin Grove PO#:	559-497-2880 E-mail*: kgrove@bskassociates.com	

Address*:	City*:	State*:	Zip*:
691 N. Laverne Avenue	Fresno	CA	93650

Project:	Project #:	How would you like to receive your completed results?*
Riverdale HS	E25000088	[X] E-Mail [ ] Fax [ ] Mail

Reporting Options: [ ] Trace (J-Flag) [ ] Swamp [ ] EDD Type: Standard

Sampler Name (Printed/Signature)*: Jill Vieira

Regulatory Carbon Copies: [ ] SWRCB (Drinking Water) [ ] Merced Co [ ] Fresno Co [ ] Madera Co [ ] Tulare Co [ ] Other:

Regulatory Compliance: [ ] EDT to California SWRCB (Drinking Water) System Number*: [ ] Geotracker #:

Matrix Types: SW=Surface Water BW=Bottled Water GW=Ground Water WW=Waste Water STW=Storm Water DW=Drinking Water SO=Solid

#	Sample Description*	Sampled* Date	Sampled* Time	Matrix*	Comments / Station Code / WTRAX	Composite	Organochlorine Pesticides by EPA 8080A	Arsenic by EPA Method 6010/ 6020 with	WET, DI-WET, & TCLP Decision
13	1 10 A Duplicate	7/2/25	0935	SO		X			
14	2 10 B Duplicate		0945			X			
15	3 10 C Duplicate		1000			X			
16	4 10 D Duplicate		1015			X			
17	5 Composite 10 Duplicate (10A Dup,10B Dup,10CDup, 1(						X		
18	6 10 D Arsenic Duplicate		1015					X	X
7									
8									
9									
10									
11									
12									
13									
14									

Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by: (Signature and Printed Name)	Company
Jill Vieira	BSK	7/2/2025	1200		
Relinquished by: (Signature and Printed Name)	Company	Date	Time	Received by: (Signature and Printed Name)	Company
Received for Lab by: (Signature and Printed Name) Karsson Kozielski		Date 7.2.25	Time 1206	Payment Received at Delivery: Date: Amount: PIA#:	Check / Cash Init.

Shipping Method: ONTRAC UPS GSO (WALK-IN) FED EX Courier: _____ Custody Seal: Y (N)

Cooling Method: (Wet) Blue None Chilling Process Begun: (Y) N

Payment for services rendered as noted herein are due in full within 30 days from the date invoiced. If not so paid, account balances are deemed delinquent. Delinquent balances are subject to monthly service charges and interest specified in BSK's current Standard Terms and Conditions for Laboratory Services. The person signing for the Client/Company acknowledges that they are either the Client or an authorized agent to the Client, that the Client agrees to be responsible for payment for the services on this Chain of Custody, and agrees to BSK's terms and conditions for laboratory services unless contractually bound otherwise. BSK's current terms and conditions can be found at www.bskassociates.com/BSKLabTermsConditions.pdf

APPENDIX F

Kevin Grove – Environmental Branch Manager

Professional Background:

Mr. Grove graduated from the University of California, Davis in March 2013. His academic background includes a Bachelor of Science in Environmental Policy Analysis and Planning. Following graduation and an internship with Yolo County Transportation District, Mr. Grove accepted a full-time staff planner position with BSK.

Mr. Grove has managed Phase I Environmental Site Assessments (ESA), Phase II ESAs, aerially deposited lead surveys, paint-stripe sampling and analysis, compost facility permitting, and Waste Discharge Requirement (WDR) facility permitting,. Additionally, Mr. Grove has interpreted aerial photographs, prepared GIS Figures, and conducted a 1600 Permit Vegetation Inventory, Ordinary High-Water Mark and Wetland Delineation Surveys. He prepares California Environmental Quality Act documentation, including Environmental Impact Reports for proposed projects. His work includes conducting special studies, section writing reference development, and quality assurance.

Qualifications

Registrations / Certificates:

Education:

BS, Environmental Policy Analysis & Planning, University of California, Davis 2013

Experience:

BSK Associates, Staff Planner-October 2013 to Current

Yolo County Transportation District, Transportation Planning Intern-June 2013 to October 2013

Relevant Experience:

Phase I Environmental Site Assessments

Numerous Sites **–** Conducted and provided technical oversight for over 30 Phase I Environmental Site Assessment (ESA) sites for banks, lenders, developers, schools, transportation projects, and public agencies throughout California.

EPA Brownfields Assessment Grant, Oroville, California **–** Kevin performed five Phase I ESAs as part of an Environmental Protection Agency (EPA) Brownfields Grant. In addition to the Phase I ESAs, Mr. Grove conducted the brownfields inventory for the area identified as IU2, south of Oroville's downtown area. Approximately 60 properties were identified from databases, site reconnaissance, and properties of interest to the City and community members. Kevin created a database linking the key information to data obtained through EDR, site photographs and created an interactive base map. Sites were screened against criteria and ranked in order of priority.

EPA Brownfields Assessment Grant, Rancho Cordova, California **–** Kevin performed six Phase I ESAs as part of an EPA Brownfields Assessment Grant. In addition to the Phase I ESAs, Mr. Grove conducted the Brownfields petroleum inventory for the area identified as Folsom Boulevard Planning Area. Approximately 44 properties were identified from databases, site reconnaissance, and property of interest to the City. Kevin created a database linking the key information to data obtained through outside vendors, site

photographs, etc., and created an interactive base map. Sites were screened against criteria and ranked in order of priority.

Aerially Deposited Lead and Paint-Stripe Surveys

Kern County Public Works Roadway Improvement Projects – Mr. Grove managed numerous aerially deposited lead (ADL) and paint-stripe surveys throughout Kern County. Mr. Grove successfully coordinated encroachment permits, traffic control subcontractors, scheduling with County officials, sampling procedures, laboratory analysis, data review, and reporting.

Site Assessment

Lafayette Elementary School Addition (Former Lafayette Public Library), Lafayette, California – Mr. Grove performed the Phase I ESA and helped prepare a Preliminary Endangerment Assessment (PEA) for the addition to this elementary school. The scope of work included an ESA in accordance with California Education Code Sections 17210 and 17213.1 which also included evaluation for radon, naturally occurring asbestos (NOA) and mercury. Based on the results of the ESA, a PEA was required to address possible migration of dry-cleaning chemicals in groundwater from a nearby site and sampling of the near-surface soils for lead, termiticides and other pesticides. Following the PEA, Mr. Grove assisted with the preparation and implementation of a Removal Action plan of affected soil at the Site.

Kilgore Property – Proposed Entertainment Center, EPA Brownfields Phase II ESA, City of Rancho Cordova, California – Using GIS, Kevin created all site maps and figures for the project area. Kevin assisted with the ecological screening evaluation to determine the potential presence of endangered species on site. Kevin also conducted inventory, documentation, and graphical representation of all soil samples from the project. Kevin assisted with the writing of the Quality Assurance Project Plan (QAPP).

Utility Pole Storage, Phase I/II ESA, Oroville, California – Mr. Grove prepared a Phase I ESA for a utility pole storage facility. The poles were stored in a former lumber yard with wood treatment processes. Following the Phase I ESA, Mr. Grove prepared a Phase II ESA to evaluate the impact to soil and chemical related to the wood treatment processes.

City of Winters, PG&E Training Center, Phase II ESA, Yolo County, California – Phase II ESA was completed for the Mclish Property, which is the future location of the PG&E Training Center. Kevin created site mapsand figures for the project area using GIS software. These maps included monitoring well locations and ground water flow direction.

Numerous Solar Facilities, California – Mr. Grove prepared numerous Phase I and Limited Phase II ESAs for solar facilities throughout California. The limited Phase II ESAs included soil sampling, geophysical surveys, underground utility locating, and soil vapor sampling.

CEQA / NEPA Services

Grapevine Shopping Center Project, Kern County, California – Kevin assisted with the Environmental Impact Report for the construction of an approximately 45-acre shopping center located in Delano, California. The proposed project includes a movie theater, regional shopping center, multiple fast food restaurants and quality restaurants.

Los Banos Landfill-Clean Closure Project, Initial Study/Mitigated Negative Declaration (IS/MND), Los Banos, California – Mr. Grove prepared an IS/MND for the Old Los Banos Landfill – Clean Closure Project. The project included the removal of waste and cover soils from the inactive City of Los Banos Landfill. Under the project, the removed waste was then transported to Bill Wright Landfill in Los Banos, or Kettleman Hills Landfill in Kettleman City, depending upon the waste profile.

Livermore Composting Facility, IS/MND, Livermore, California – Kevin prepared an IS/MND for a new composting facility in Livermore, California, per the California Environmental Quality Act (CEQA). Mr. Grove distributed the CEQA document to the appropriate agencies, responded to public comments, and provided information to the lead agency for their decision.

Big Sandy Rancheria Expansion, NEPA Environmental Assessment, Fresno County, California – Mr. Grove prepared a Bureau of Indian Affairs (BIA) approved environmental assessment (EA) for the expansion of Big Sandy Rancheria in Auberry, California. The expansion included 32 homes, a community garden, a baseball diamond, a community park, and a maintenance building on 71 acres of undeveloped trust land. In addition to the above infrastructure, the project included the construction of access roads, supporting power infrastructure, phone lines, and a consolidated community septic system. This project was performed under the National Environmental Policy Act (NEPA).

Putah Creek Channel Restoration, NEPA Environmental Assessment, Winters, California – Kevin prepared a United States Army Corps of Engineers (USACE) approved EA for the Putah Creek Channel Restoration in Winters, California. The EA covered three distinct project areas for a combined are of 98 acres and 14,400 linear feet of Putah Creek. Mr. Grove prepared a variety of permits for the project, including a Biological Assessment, Clean Water Act 401 permit and certification, a USACE Nationwide Permit, a USACE Pre-Construction Notification, a Section 7 consultation under the Endangered Species Act with the US Fish and Wildlife Service (USFWS) and USACE, a USFWS 1600 streambed alteration agreement, a construction stormwater pollution prevention plan (SWPPP), a workers environmental awareness plan (WEAP) and a wetland delineation. Mr. Grove also facilitated a cultural resources study under the State Historic Preservation Office (SHPO) regulations.

Walnut Park Project – Winters, California – Mr. Grove prepared a variety of permits for the proposed park, including a Biological Assessment, Clean Water Act 401 permit and certification, a US Army Corps of Engineers (USACE) Nationwide Permit, a USACE Pre-Construction Notification, a Section 7 consultation under the Endangered Species Act with the US Fish and Wildlife Service and USACE, a construction stormwater pollution prevention plan (SWPPP), a workers environmental awareness plan (WEAP) and a wetland delineation. The project received all environmental clearance permits and was completed in 2018.

Heather Farm Park, Walnut Creek, California – Mr. Grove oversaw the biological and cultural investigations for the project prior to construction. He oversaw the enforcement of required mitigation measures, including an initial habitat assessment, burrowing owl survey, nesting bird survey, and cultural survey. Following these mitigation measures, environmental clearance was granted, and construction was able to commence on the project.

CEQA / NEPA Special Studies

Air Modeling and Reporting

- CalEEMod
- Caline4
- CT-EMFAC 5

Noise Modeling

- Federal Highway Administrations (FHWA) Traffic Noise Model TNM 2.5
- FHWA Roadway Construction Noise Model RCNM

Biological Resources

Walnut Park Project, Yolo County, California – Prepared as part of a team the Biological Assessment for the construction of an approximately 5-acre park. The project includes playfields, benches and ancillary play structures.

Putah Creek Restoration Projects, Yolo and Solano County, California – Mr. Grove conducted as part of a team the 1600 Permit, Vegetation Inventory Surveys, mapped various species of trees using GPS locations, tree diameters, and aerial photograph interpretations.

Mr. Grove as part of a team also conducted Ordinary High-Water Mark and Wetland Delineation surveys using centimeter accuracy GPS equipment.

Pleasants Dixon Main Drain/V-Drain Enlargement Project – Burrowing Owl Protocol Survey, Dixon, CA – Mr. Grove assisted with a burrowing owl survey to determine the potential presence of burrowing owls on the project site.

Pleasants Creek Bank Stabilization Project – Breeding Bird Survey, Vacaville, CA – Mr. Grove assisted with a breeding bird survey to determine the potential presence of breeding birds on the project site.

Asbestos-Containing Building Material and Lead-Based Paint Surveys

Numerous Projects, California – Mr. Grove managed numerous projects that required asbestos-containing building material and lead-based paint surveys throughout California. Mr. Grove was responsible for coordinating with subcontractors who would perform the sampling and analysis and provide abatement specifications. Mr. Grove reported the findings of these surveys to clients in addition to other site investigation activities.

Stormwater Pollution Prevention Plans (SWPPP)

Numerous Projects, California – Mr. Grove aided QSDs with the preparation and implementation of multiple SWPPP reports. Projects included but were not limited to stream channel restoration, athletic field construction, and park construction. He is trained for on-site water sampling, BMP inspection, and monitoring. He also has experience with the SMARTS online permitting process for Risk Levels 1, 2 and "exempt" projects.

Spill, Prevention, Control, and Countermeasure (SPCC) Plans

Multiple Projects, California and Nevada – Mr. Grove conducted multiple SPCC site inspections to document the inventory and location of hazardous materials at aggregate facilities throughout northern California and Nevada. Mr. Grove provided technical oversight of the SPCC plans during their implementation at each respective Site. Kevin has also prepared training materials for workers at the facilities where the SPCC is implemented.

Compost Facility Permitting

Multiple Projects, California – Mr. Grove has prepared numerous Technical Reports as required under the State Water Resources Control Board (SWRCB) General Waste Discharge Requirements for Composting Operations. These reports include general site descriptions, site maps, operation details, climatology data, geologic setting, hydrogeologic setting, design information, and monitoring information. These Technical Reports allowed each compost facility to receive coverage under the Compost General Order. In addition, Mr. Grove has assisted with the monitoring required under this General Order and the annual reporting.

Professional Affiliations:

American Public Works Association

Robert "Tony" Martin, PG – Principal Geologist

Professional Background:

Mr. Martin began his career as a geologist in 1987. His academic background includes a Bachelor's, and Post-Baccalaureate studies in Geology at California State University at Fresno. Additionally, Mr. Martin has taken dozens of continuing education classes in hazardous materials, geology, groundwater, environmental chemistry/engineering/law, management and leadership from various colleges across the US. He has been an officer in numerous professional and community-based organizations; and managed professional/technical staff of over 250 people. He has negotiated and coordinated with local, state and federal oversight agencies in the southwestern U.S., and presented to the public at a variety of public participation meetings. Mr. Martin's technical expertise includes environmental consulting, project management and expert witness services for multi-disciplined projects, site assessment, remediation, water resource and CEQA / NEPA related services for transportation, energy, industrial, water, solid waste and Brownfields projects.

Relevant Experience:

Phase I Environmental Site Assessments

Numerous Sites-Conducted and provided technical oversight for hundreds of Phase I Environmental Site Assessment (ESA) sites for banks, lenders, developers, schools, public agencies, and Fortune 500 companies throughout the western United States. Many of the ESAs were used to provide information for the hazardous materials sections of Environmental Impact Reports (EIRs).

Stockton Highway 99 Corridor ISA-Mr. Martin managed, conducted and provided technical oversight for a Caltrans Initial Site Assessment (ISA). The corridor was over 7 miles in length and extended from the interchange with SR-4 to Hammer Lane in Stockton, California. This corridor through an older, industrialized area of town had approximately 9 sets of on-/off-ramps onto this 4-lane highway. The project involved widening the freeway to six lanes, improving sight lines, adding acceleration and deceleration lanes, reducing the number of ramps, and bringing the remaining interchanges up to more modern-day standards.

The project evolved into several Preliminary Site Investigations (PSIs) and Detailed Site Investigations (DSIs) for the areas of concern which included underground storage tanks, ponds, equipment storage yards, wash racks and smaller salvage yards. The PSI also included an Aerially Deposited Lead (ADL) study.

Qualifications

Registrations / Certificates:

Geologist (P.G.)
CA – No. 6768, 1998

Geologist (R.G.)
OR – No. G2817, 2022

Geologist (L.G.)
WA – No.22020436, 2022

Responsible Managing Employee (RME), California
- C57 #467252
2/13/2003 to 9/2/2011
- C57 #490942
2/6/2018 to Present

HAZWOPPER trained per 40CFR1910.120

Education:

Fundamentals of Professional Practice, ASFE, 2000

Numerous continuing education courses in hazardous materials, geology, environmental law, management and leadership.

Post-Baccalaureate Studies in Geology, California State University Fresno, 1986-1987

B.A., Geology, California State University Fresno, 1986

Experience:

BSK Associates- 2013 to Present

Terracon- 2011 to 2013

Kleinfelder- 1994 to 2011

Krazan- 1987 to 1993

Stanislaus County Measure L Sidewalks/Street Improvement Project, Stanislaus County, California-Mr. Martin managed the entire project (geotechnical and hazardous materials services), conducted and provided technical oversight for a Caltrans Initial Site Assessment (ISA) and an Aerially Deposited Lead (ADL) Study. The project included 4 separate areas throughout the County. All of the areas were in or near very old residential areas. Two of the areas also covered some industrial areas. The geotechnical investigation and the ADL Study were each summarized into one report. Whereas, the ISAs were done as four separate reports.

Bradshaw/Sheldon Intersection Improvement Project, Elk Grove, California-Mr. Martin managed the entire project (geotechnical and hazardous materials services) and provided technical oversight for an Aerially Deposited Lead (ADL) Study. The project consisted of replacing the existing bridge at the Sheldon Road and Bradshaw Road intersection with a precast reinforced concrete box culvert (RCBC). The existing bridge was constructed in 1940 and widened in 1970 and was supported on shallow foundations. The RCBC was approximately 260 feet long (oriented northeast to southwest), 35 feet wide (three segments of 10-feet clear width), and approximately 6 feet clear height. The new intersection design consisted of a roundabout and approximately 600 feet of roadway realignment in each direction to accommodate the new intersection. Portions of the Laguna Creek were rerouted near the intersection. This necessitated filling in portions of the existing creek on the northeast side of the intersection and excavating new portions of creek on the southwest and northeast side of the intersection.

Numerous Transportation Sites-Mr. Martin managed, conducted and provided technical oversight for many Phase I Environmental Site Assessment (ESA) for transportation projects. For California transportation projects, the work was done to satisfy the Caltrans Initial Site Assessment (ISA) guidelines, as well as the current American Society of Testing Materials (ASTM) standard and the USEPA All Appropriate Inquiry (AAI) requirements. Some of the projects evolved into Preliminary Site Investigations (PSIs) and Detailed Site Investigations (DSIs) for the areas of concern which included underground storage tanks, ponds, equipment storage yards, wash racks and smaller salvage yards. Additionally, Aerially Deposited Lead (ADL) Studies were frequently conducted. Some of the projects included portions of SR 180 in southern Fresno, State Route 4 ("Crosstown Freeway") in Stockton, several interchanges along I-5 through San Joaquin County and in Southern California, a small portion of State Route 120 in Escalon, the Jack Tone / SR99 Interchange in Ripon, and portions of the I-710 Gap Project east of Los Angeles. Many of the ESAs were also used to provide information for the hazardous materials sections of Environmental Impact Reports (EIRs). The assessments were done in conjunction with the Caltrans design teams or for local self-help agencies.

Dougherty Valley High School Expansion Project, San Ramon, California-Conducted portions of, and provided technical oversight for, a Phase I Environmental Site Assessment for a large addition project at an existing high school. The site was given a letter of no further action by the State of Toxic Substances Control without any Preliminary Endangerment Assessment (PEA) services being required.

Proposed Sand Lane Elementary School, Manteca, California-Conducted portions of, and provided technical oversight for, a Phase I Environmental Site Assessment (ESA), for a proposed elementary school. That ESA was used as the basis for the hazardous materials section of an Environmental Impact Report (EIR). Also, completed the geology and groundwater sections for that EIR.

Lafayette Elementary School Addition (Former Lafayette Public Library), Lafayette, California-Mr. Martin was the project manager and provided technical oversight of a Phase I Environmental Site Assessment (ESA), a Preliminary Endangerment Assessment (PEA), a Supplemental Site Investigation, a Remedial Action Workplan, remedial activities, and a Remedial Action Report for the addition to this elementary school. The scope of work included an ESA in accordance with California Education Code Sections 17210 and 17213.1 which included evaluation for radon, naturally occurring asbestos (NOA) and mercury. Based on the results of the ESA, a PEA was required to address possible migration of dry cleaning chemicals in groundwater from a nearby site and sampling of the near-surface soils for lead, termiticides and other pesticides. Termiticides were found to be present immediately surrounding the building which required cleanup. The cleanup was handled most economically and expeditiously by digging up the shallow soils and disposing of the soil offsite. However, there were challenges such as protecting some adjacent large trees whose wellbeing had to be preserved during digging near their roots.

Bristow Middle School Theater, Brentwood, California-Mr. Martin was the project manager (for part of the project) and provided technical oversight of a Phase I Environmental Site Assessment (ESA), a Preliminary Endangerment Assessment (PEA), for the addition to this middle school. The addition was most recently part of a City park, but at one time was part of an old oilfield. The scope of work included an ESA in accordance with California Education Code Sections 17210 and 17213.1. Based on the results of the ESA which included some limited environmental sampling for residual ag chemicals, a geotechnical investigation and geohazards investigation, a PEA was required to address vertical and lateral extent of residual organochlorine pesticides. This PEA is still underway.

Multiple Wineries, Napa Valley, Lodi, Ripon, Woodbridge and Manteca, California- Mr. Martin managed and/or provided technical oversight for Phase I Environmental Site Assessments for property sale/refinance for numerous properties within Northern California.

Confidential Agricultural Chemical Facility, Sacramento Valley, California-Conducted portions of, and provided technical oversight for, a Phase I Environmental Site Assessment for an agricultural chemical facility which was in an industrial area with other agricultural chemical facilities nearby. Recognized Environmental Concerns (RECs) and Historical RECs were identified, and subsequent Phase II Environmental Site Assessments were performed.

Site Assessment / Phase II Environmental Site Assessments

Multiple Transportation Projects in California-Mr. Martin managed, conducted or provided technical oversight for the hazardous materials investigation (RI/FS, or Caltrans PSI / DSI) for many transportation projects including the State Route 120 (SR 120) relocation project through the City of Escalon, the Jack Tone

/ SR 99 interchange in Ripon, many investigations along the SR 99 Improvement Project through Stockton, numerous interchanges along I-5 throughout California, portions of the I-710 Gap Project east of Los Angeles, and the SR 4 extension through San Joaquin County. . The projects each included the assessment of multiple properties including hazardous waste sites, bulk oil distributors, fuel stations, garages, naturally occurring asbestos (NOA) and numerous other potential environmental concerns. Many of these projects were done for the local self-help agency, or the design teams for said agencies or Caltrans. All received Caltrans and/or FHA funding. The findings were also sometimes included in the Environmental Impact Reports for the projects.

Lemoore Naval Air Station, Lemoore, California-Mr. Martin provided technical interpretation/oversight, regulatory agency negotiation, and project management services for a site assessment and mitigative measures related to a release of approximately 6,600 gallons of fuel to shallow groundwater that occurred on the base over approximately 2 days. The release produced vapor intrusion into a building that caused immediate evacuation of the facility on the base.

Travis Air Force Base, Fairfield, California-Provided technical interpretation, regulatory agency negotiation, and project management services for numerous environmental (RI/FS) projects on the base. The work included the investigation of Ramps 400 / 500 during a time of heightened military alert status.

Fresno Yosemite International Airport (FAT), Fresno, California- Managed and technically oversaw a Preliminary Site Investigation (PSI) for Per- and Polyfluoroalkyl Substances (PFAS) for the Fresno Yosemite International Airport. The airport is a joint civil-military airport that is owned and operated by the City of Fresno. In addition to providing commercial air services, FYI is home base to the California Air National Guard 144th Fighter Wing, the California Army National Guard Aviation Classification Repair Activity Deport (AVCRAD), and the US Forest Service (USFS) / California Department of Forestry (CDF) Air Attack Base. The airport was originally founded as Hammer Airfield in June 1942 and was used as a training facility by the United States Army Air Forces during World War II. After the end of World War II, commercial air service began in 1948. The investigation of the 13 potential release areas included the advancement of 41 shallow borings, the installation of 4 temporary groundwater monitoring wells (maximum depth of 140 feet), the installation of 2 permanent groundwater monitoring wells (maximum depth of 150 feet), the collection and chemical analysis of subsurface soil and groundwater samples, data analysis, and preparation of a report of findings. The investigation is currently still underway.

Stockton Metropolitan Airport (SCK), Stockton, California- Mr. Martin managed and technically oversaw a Preliminary Site Investigation (PSI) for Per- and Polyfluoroalkyl Substances (PFAS) for the Stockton Metropolitan Airport. The work addressed included the advancement of twenty (20) shallow borings, the installation of six (6) temporary groundwater monitoring wells, collection and chemical analysis of subsurface soil samples and groundwater, data analysis, and preparation of a report of findings for the 3 potential release areas on the airport. The workplan for the next phase of the investigation is currently still underway.

Numerous Underground Storage Tank Sites, California-Managed all phases of over 200 underground fuel storage tank removal sampling projects throughout California for Chevron USA, Shell Oil Company, ARCO, Mobil Oil Company and many other clients. Many of these projects required follow-up investigations (RI/FS) and remediation.

Shuttered Industrial Facility, Colusa County, California- Mr. Martin managed and provided technical oversight for an RI/FS of a shuttered industrial facility that had 1,1-DCA, 1,1-DCE, PCE, TCE, 1,4-Dioxane, metals, Cr+6, and fuels in soil and shallow groundwater beneath the site. The last of the RI/FS and sensitive receptor survey is being completed at this time, and interim remedial measures are being undertaken pending conception and approval of a Remedial Action Plan.

Proposed M4 Elementary School, Fresno, California-Provided technical oversight of a Preliminary Endangerment Assessment (PEA) and conducted, managed and provided technical oversight of a cleanup for a large proposed elementary school. The site had underground fuel storage tanks, improperly abandoned domestic wells, asbestos and lead based paints in existing residences, and pesticides (predominantly termiticides) in the shallow soils. This cleanup was conducted while protecting an adjacent middle school and residences from exposure resulting from the cleanup. All phases of the work managed by Mr. Martin were also conducted at or below budgets.

Confidential Former Dry Cleaner Site, Eastern San Francisco Bay Area, California-Mr. Martin managed, provided technical oversight and provided expert witness-related services for a former dry cleaner with soil and groundwater contamination. Groundwater was present beneath the site at a depth of approximately 25 feet below the surface in a two-zone unconfined aquifer. The site is surrounded by three or more UST sites with comingled plumes. Mr. Martin and his project team investigated the dual zone aquifer with numerous monitoring wells ranging in depth from 40 to 100 feet below the ground surface over an area of approximately 6 square blocks. Additionally, vapor encroachment of perchloroethylene (PCE) and related compounds was investigated, and risk assessed. Indoor air for commercial and residential properties were sampled and evaluated. A feasibility study (FS) was submitted which recommended a combined technology of in-situ chemical reduction and enhanced microbial degradation. Also, the FS proposed passive subslab vapor venting once a building is constructed. A remedial action plan (RAP) and notice of intent (NOI) was submitted and approved. Remediation is pending.

Major Oil Company Bulk Plant, Tulare County, California-Managed and/or provided internal oversight for all phases of an RI/FS project which involved the installation of approximately seventeen temporary groundwater monitoring wells, over one dozen permanent monitoring wells, quarterly monitoring, aquifer testing, and remedial system evaluation for a site with up to one foot of free-phase product involving one or more of the following petroleum products: gasoline, diesel, mineral spirits, kerosene, and weed oil. The plume was later noted to extend to approximately 1/2 of a mile from the project site towards a National Priorities List site within an aquifer of extremely high transmissivity.

Major Oil Company Bulk Plant, Kern County, California-Managed and provided oversight for all phases of an RI/FS project which involved the installation of approximately eighteen exploratory soil borings at an oil company bulk plant. Investigation was continued to a depth of approximately 150 feet below ground surface and groundwater was present at that time at over 210 feet below the ground surface. The contaminants of concern were both gas and diesel. Site closure was obtained for the client without any active remediation.

Kozy Shack Pudding Plant, Turlock, California-Mr. Martin conducted and managed a Phase II Environmental Site Assessment of this food processing facility which included a magnetometer, electromagnetometer and ground penetrating radar survey of suspected UST locations and soil and groundwater sampling.

Large Box Retailer Development Site, Kern County, California-Provided project management and overall project oversight for site assessment of a retail development where a portion of the property had been previously used for the storage of vacuum truck tank bottoms and other solids and semi-solids derived from oilfield operations in the area. The solids covered a large area of the property but was found to be limited in their vertical extent (upper 25 feet).

Retail Distribution Center, Merced, California-Provided project management and overall project oversight for an RI/FS project which included the installation of approximately six groundwater monitoring wells, the excavation of approximately 1,500 cubic yards of diesel fuel contaminated soil, the quarterly monitoring of said groundwater monitoring wells, and the construction of a surface impoundment for the bioremediation of the diesel-impacted soil which took 6 weeks to degrade concentrations of TPH-D from several thousand parts per million to less than 20 parts per million.

North Fork Ranger Station, Madera County, California-Managed and provided oversight for various phases of several projects at the North Fork Ranger Station. Those projects included, but were not limited to, site assessments (RI/FS) of 12 underground storage tank sites, a Pesticide Storage Building site assessment, miscellaneous herbicide spill locations, an aeration project, a diesel bioremediation project, and risk assessments. Some of the field assessment was done in Level B and Level C PPE.

Pipeline Leak Site, Avila Beach, California-Managed the emergency initial site investigation (RI/FS) services for this pipeline leak site. The pipeline carried semi-refined crude oil/diesel fuel/unleaded gasoline from an offshore handling facility to a bulk handling facility located on the city's main street. Investigative techniques included a detailed soil vapor contaminant assessment, the advancement of soil borings, and the sampling of groundwater using a Hydropunch and numerous monitoring wells. The aquifer was tested, and tidal fluctuations and groundwater gradient were monitored using dataloggers. The study area covered approximately 6 to 12 square blocks. The emergency investigative services included discrete nighttime services during spring break. Mitigative activities conducted for this pipeline leakage has reportedly totaled over $100 million.

Former Chrome Plating Facility, Fresno County, California-Managed and provided technical oversight of an investigation under State of California Department of Toxics Substances Control (DTSC) regulatory oversight of a facility with near surface soil contaminated by cadmium, cyanide and lead. Soil vapor beneath portions of the site was impacted by PCE, TCE and other volatile organics. Groundwater contains PCE, TCE, Cyanide, Cr+6, and other metals. The site is near a few residential structures and a school and is still under investigation at this time.

Potential Pipeline Leak Site, Tracy, California-Provided senior level review and quality control for a future industrial site which was developed on a site which had a crude oil pipeline that was to be relocated. Investigative techniques included soil sampling and an infrared aerial survey of the pipeline to note temperature gradients which might have been indicative of backfilled excavations and/or leakage.

Confidential Agricultural Chemical Burial Site, Fresno County, California- Mr. Martin provided project management and overall technical oversight for a project which included review of another consultants Phase I ESA, developed an approach for a Phase II ESA, and implementation of the Phase II. During those site assessment activities, approximately 3 dozen drums containing agricultural chemicals as well as miscellaneous farm/home refuse were discovered. Upon its discovery Mr. Martin's team oversaw the excavation, overpacking and disposal of the drums containing chemicals, investigation of the burial area for information as to who buried the materials and when, overexcavation of contaminated soil and confirmation sampling. Later, Mr. Martin provided expert witness and percipient witness testimony in the cost recovery litigation for the discovery. That litigation was successful.

Tire Fire Site, Fresno, California- Mr. Martin managed and provided technical oversight of a bank owned site that had a large tire fire. The tires smoldered for months leaving a fine ash high in semi-volatiles and metals. A biodegradable polymer fixent was sprayed over the ash to limit airborne dust from impacting nearby residents and to inhibit leaching. Additionally, site security measures were implemented to prevent trespassing. Later the ash (with polymer) was removed and hauled to a hazardous waste disposal facility and confirmation testing was done to confirm the adequacy of excavation.

Quitclaimed Pipeline Easement, Gustine, California-Managed this project which involved third-party observation and review of a crude oil cleanup performed by an oil company in a large farm complex. The cleanup involved the excavation and disposal of over 100,000 cubic yards of contaminated soil by the oil company. Successfully provided expert witness support to the farming operation's litigation team.

Confidential Agricultural Facility, San Joaquin County, California-Managed, interpreted, provided technical oversight and supplied technical support and expert witness services to a litigation team for a defendant who was being sued by an adjacent property owner due to high groundwater conditions and elevated nitrates in the shallow perched groundwater. Additionally, worked to optimize water use, implement best management practices related to water and fertilizer use and provide subsurface assessment of the vadose zone, perched aquifer and deep unconfined aquifer on the subject site and adjacent properties. Ongoing monitoring required by the State of California RWQCB was also conducted. This project is still ongoing.

Confidential Agricultural Facility, Kern County, California-Managed, interpreted, provided technical oversight and supplied technical support to a litigation team for a property owner with agricultural chemicals in soil of a chemical mixing area of a large farm complex. Work was conducted in Level C PPE.

Confidential Oil Field, Los Angeles County, California-Managed and provided technical oversight of ongoing methane monitoring of both abandoned and active wells in accordance with local community, county, and State of California Division of Oil, Gas, and Geothermal Resources (DOGGR) standards and regulations.

Confidential Residential and Park Development Site, Former Pipeline Leak Location, Tracy, California- Managed, interpreted, provided technical oversight and supplied technical support and expert witness services to a litigation team for a residential development on a site which had a historic pipeline that carried crude oil and semi-refined product. Investigative techniques included soil and groundwater sampling, working cooperatively with the oil company and their consultant to develop a soil management plan for any future discovered contamination, work with the developer's counsel to draft disclosure language to future home buyers and work as an expert witness with the developer's counsel for cost recovery.

PG&E Maintenance Facility, Fresno, California-Managed, interpreted, provided technical oversight to a prime consulting firm for a RI/FS of PCBs in shallow soil. Fieldwork was conducted in Level C PPE.

Confidential Residential Development Site, Former Pipeline Leak Location, Santa Nella, California- Managed this project which involved third-party observation and review of a crude oil cleanup performed by an oil company on a large residential development.

The cleanup involved the excavation and disposal of millions of cubic yards of contaminated soil by the Oil Company, dewatering and treatment of groundwater, additional site assessment in the pipeline ROW, risk assessment and formulation of a soil management plan. Mr. Martin also worked with the developer's counsel on cost recovery, which to date has been settled out of court.

Water Supply

Confidential Property, Central Coast, California – A permit for surface water diversion and use was filed with the State of California Water Resources Control Board (SWRCB) in 1989 for this Central Coast site. The use of the water was to be for fire protection, stock watering, irrigation and domestic use. The permit was approved in 1996. A site inspection was conducted by the SWRCB in 2007. The site was noted to be out of compliance with the approved permit. Upon realizing they were out of compliance, BSK was contracted to get the project back on track so that the water rights would not be lost. Mr. Martin managed and provided technical oversight for the licensing project. As part of the project, Mr. Martin oversaw the review, data analysis and summary of approximately seven years of back-data that had gone unreported. He specified a variety of measuring devices for the diversion, the onsite water storage ponds and another onsite water source. He reviewed contractor submittals during a retrofit project for the measuring devices. Generally

speaking, the site has a "Permit for Diversion and Water Use". After issuance, the applicant was required to do ongoing submissions while the "project" was being completed. Now that the project is completed, the permit is awaiting licensing by the SWRCB.

Wastewater / Waste Discharge Requirements (WDRs)

City of Auburn Wastewater Treatment Plant, Auburn, California – Mr. Martin managed and provided technical oversight of WDR ground and surface water monitoring for a municipal wastewater treatment plant whose effluent is discharged to a surface water body. Additionally, Mr. Martin cooperatively worked with two other firms to identify problems with the treatment system that allowed high coliform bacteria concentrations to make it into groundwater and the plant effluent. This was long term work that was performed over a period of about a decade.

Multiple Wineries, Napa Valley, Lodi, Ripon, Woodbridge and Manteca, California- Mr. Martin managed and/or provided technical oversight for Waste Discharge Requirement (WDR) monitoring of groundwater, wastewater, land application areas, etc., design of land application areas and a variety of other related services On many of these projects services were provided for 10-15 years or more.

Rosedale Spreading Basin WDRs, Kern County, California- Mr. Martin managed and/or provided technical oversight for Waste Discharge Requirement (WDR) monitoring of groundwater and a variety of other related services.

Pacific Coast Producers, Woodland and Oroville, California- Mr. Martin managed and provided technical oversight of the production of a Sampling and Analysis Plan (SAP), and ongoing groundwater monitoring for these facilities. The Woodland facility is reportedly one of the world's largest retail tomato canning facilities. The Oroville facility cans peaches, pears, fruit cocktails as well as some salsas.

California Natural Products, Lathrop, California- Mr. Martin managed and provided technical oversight negotiations with the State of California Central Valley Regional Water Quality Control Board, Waste Discharge Requirement (WDR) monitoring of groundwater, wastewater, land application areas, etc., production of a Sampling and Analysis Plan (SAP), and assisted with an Operations and Maintenance Plan (O&M Plan) and a variety of other related services for this facility that processes rice and soy into food products such as rice syrup, rice syrup solids, rice milk, a variety of soy food products, teas, and soups.

Remediation & Compliance

Crude Oil Soil Contamination Site, Sunset Midway Oil Field, Kern County, California-Managed and provided technical oversight of an RI/FS/remediation project in which a total of 23,700 cubic yards of crude oil-contaminated soil were excavated from numerous areas of a future retail site from depths of up to 35 feet. All the crude oil-affected soils were placed in four specially-designed containment cells constructed on site in the future parking areas. Excavation activities at the site also included the removal of approximately 15,000 cubic yards of unaffected soil. Mr. Martin's involvement also included

negotiations with the national retail client, the State of California Division of Oil, Gas, and Geothermal Resources, the State of California Regional Water Quality Control Board, the local municipality, and attorneys and civil engineers for all parties. Coordination of excavation surveying and analytical laboratory subcontractors was also accomplished. Total cost of the mitigative measures, limited investigation, confirmatory sampling, and regulatory negotiations was approximately 1/3 of the next lowest consultant's estimate. Total cost of the services performed was approximately $600,000. Mr. Martin's approach for this project saved millions of dollars in development costs. Because of the success of the project, a local redevelopment agency contracted Mr. Martin's firm for similar services on their adjacent property involving 1,000 cubic yards of crude oil-affected soils to be excavated from a stream channel and drainage diversions, placing those soils in containment cells on their property.

Southern California Edison Pole Treatment Facility, Visalia, California-QA/QC and project management oversight for a wooden utility pole treatment facility in which more than 250,000 gallons of creosote and 900,000 gallons of diesel with pentachlorophenol were used for pole treatment. This site was listed on the USEPA National Priorities List (NPL). Over 7 groundwater excavation wells have been installed within the 2-aquifer system as part of the RI/FS. Over one billion gallons of water have been extracted and treated using carbon absorption and/or u.v./ozone remedial treatment. Numerous pilot tests, soil vapor extraction tests, and bioventing tests were also performed on site. Additionally, site history research, treatment system operation and maintenance, and miscellaneous disposal-related activities were performed.

Los Vaqueros Project, Contra Costa, California-Managed and wrote portions of a Construction Activity Stormwater Pollution Prevention Plan for the Vasco Road Realignment (12 miles). The area of the relocation included hazardous materials concerns, up to 100-foot deep cuts and fills, and endangered species concerns. Additionally, managed, and was involved in the design, construction, operation and maintenance of a water treatment system for a dewatering effluent which contained free-phase crude oil and other refined and semi-refined petroleum products. The system was designed in four working days, permitted through the State of California RWQCB in one working day, and constructed in eleven days. The system was designed to treat in excess of 600 gallons/minute and was manned around the clock for approximately 3 months due to safety, security, and property-related issues. To avoid flooding the excavation, the treatment system could not be shut off, even for system maintenance. Over 17 million gallons of water were treated. Mr. Martin also assisted the Contra Costa Water District with technical support for mediation.

The quick service provided to the District saved the District over $500,000/day in delay costs. The District was able to recover approximately 98 percent of all costs claimed. This project earned Mr. Martin and his project team the "President's Award" for best overall project within Kleinfelder that year.

Numerous Post-Incident Locomotive Horn Testing, Multiple Locations, California- Mr. Martin, managed and/or performed numerous locomotive horn tests following accidents for one major and a couple of minor railroads in support of the legal teams' accident investigations. Testing was done in accordance with 49CFR.

Former Disco Facility, Stockton, California-Managed the design, permitting, construction and first 2 years of operation/maintenance/monitoring for a project in which Mr. Martin and his project team evaluated a plume of TPH and 1,2 DCA groundwater contamination. The contamination originated from a former fueling facility and migrated approximately 400-500 feet offsite, traversing beneath a major highway and to within 100 feet of an elementary school. In addition to its sizeable length, the plume was over 140 feet deep, had migrated 100 feet vertically into groundwater, and was in two separate hydraulic zones. The client had previously attempted to control the plume and remediate the site over the course of 11 years with little success. Under pressure from regulators, the client was asked to develop a new approach subject to their review and approval. Mr. Martin and his project team developed an innovative strategy involving aggressive deep air sparging and high vacuum SVE to remediate the source area and capillary fringe contamination. For the fugitive offsite plume that comprised primarily 1,2 DCA, we constructed and are currently operating and maintaining a remote ozone sparge curtain. The curtain comprises five triple-nested wells that inject air mixed with ozone to oxidize dissolved contamination as it traverses the curtain. The essence of this approach was to eliminate the source area contamination while controlling migration of the offsite plume, as opposed to a more costly approach of trying to remediate the entire plume at once. We outlined our approach to the regulators, which was approved without reservation. We utilized horizontal direction drilling (HDD) to place a 2-inch casing through which individual lines of tubing were run to supply the remediation wells. Also, run though the casing were electrical lines to individually activate solenoids at each wellhead, thus allowing enormous control and flexibility in optimizing operation of the curtain and the 15 sparge points it entails. The system is still in operation and results are exceeding expectations. The solvent concentration at the leading edge of the fugitive plume has dropped by over 75% to nearly non-detectable levels. The petroleum concentrations in the source area have dropped by an average of approximately 80%.

Brownfields

Brownfields Hazardous Materials and Petroleum Community-Wide Site Assessment Grants, Rancho Cordova, California-Mr. Martin managed and provided technical oversight of the portfolio of projects for the City of Rancho Cordova's two (Community Wide Site Assessment-Petroleum and Community Wide Site Assessment-Hazardous Materials) Brownfields grants. That work included community outreach, a grant area planning project (which included grant area research, and field reconnaissance), Phase I Environmental Site Assessments, Sampling and Analysis Plans, geophysical surveys, Phase II Environmental Site Assessments, etc.), and even a planning level study with a GIS deliverable. This work was conducted from 2011 to 2017.

Purity Oil Recyclers, Superfund Site, Fresno County, California-Involved with potentially responsible party group (PRPs) in the management of field activities such as groundwater sampling (RI/FS), remedial system design, regulatory agency negotiations, etc. The site is listed on the USEPA National Priorities List (NPL). The estimated remediation cost for this project was later estimated to exceed over $100,000,000.

Brownfields Hazardous Materials and Petroleum Community-Wide Site Assessment Grants, Oroville, California-Mr. Martin managed and provided technical oversight of the portfolio of projects for the City of Oroville's two Brownfields grants. That work has to-date included community outreach, a property screening and prioritization evaluation, Phase I Environmental Site Assessments, and Phase II Environmental Site Assessments, etc. This work is currently ongoing.

Former Spreckels Sugar Plant 2, Manteca, California-Managed all aspects of a Phase I / II Environmental Site Assessment for the Former Spreckels Sugar Plant No. 2. The site has been the location of a former beet sugar processing plant since 1916. The property continues to be redeveloped as a 362 acre mixed-use development called "Spreckels Park."

Because of a pending property sale, the entire project was conducted on a fast-track basis. Initially, Mr. Martin and his project team started the project by conducting a Phase I Environmental Site Assessment (ESA) in accordance with ASTM Standard E 1527-94. The ESA included but was not limited to a search of environmental databases and lists, a very thorough site reconnaissance, evaluation of the manufacturing process, evaluation of aerial photographs, numerous personal interviews, a review of Spreckels Development's files dating back to approximately 1915, a review of regulatory agency files, etc. Based on the assessment, twenty-seven recommendations were made for further investigation or mitigation.

A Phase II Environmental Site Assessment (RI/FS) was conducted to address the 27 recommendations in the ESA. Members of the Development Committee asked that all environmental concerns known to the project team be investigated, including rumors. During the "fast-track project," a total of approximately 1,000 soil samples and approximately 40 discrete groundwater samples were collected from approximately 500 borings and surface sample locations for lithological logging purposes, field screening and for potential chemical analysis. Approximately 600 of the samples obtained were analyzed for selected constituents. Groundwater samples were also obtained from 11 existing groundwater monitoring and production wells on site. Additionally, twenty-two (22) groundwater-monitoring wells were installed on the property; all of which were later sampled for chemical analysis. Building material samples were also analyzed for lead-based paints and asbestos. Soil-gas probes were installed in select areas. Geophysical techniques (magnetometer, electromagnetometer and ground penetrating radar) were used to search for buried debris throughout areas of concern. In the areas identified by geophysical methods, exploratory trenching was used for confirmation purposes. The data accumulated during the field and laboratory studies were summarized and evaluated. Statistical and Risk Assessment approaches were also utilized. The results of the Phase II assessments were detailed in approximately 40 different reports which were submitted to the Client, and subsequently to the appropriate regulatory agencies for review. Regulatory closure was requested for many of the areas investigated. Mitigation measures were proposed for a few other concerns.

Mr. Martin also represented the client in the regulatory closure process for existing on-site wastewater ponds, disposal areas and other portions of the property. The ponds on site were under a pre-existing Waste Discharge Requirements (WDRs) and a Monitoring and Reporting Program (MRP)> The ponds on site consisted of three "mud ponds" which contained the sediment that was rinsed off the sugar beets as they entered the process, A group of five "lime ponds" and three "wastewater ponds". During the processing of the sugar beets the beets are sliced/diced and boiled to extract the sugar. As part of the process lime is added to the solution to remove impurities. Once used, the lime solution is the consistency of a thick milkshake. The spent lime solution was pumped to these ponds and allowed to sit for years to get the lime to dry. The five lime ponds were cycled so that ponds were in various stages of dewatering. The pond with the least water content would then be excavated and sent by conveyor to a rotary kiln where the organic impurities were burned out of the lime and the lime was reused. Approximately 200,000 cubic yards of spent lime was on site in the lime ponds. The lime was tested to show it was not hazardous. Mr. Martin then negotiated with the Central Valley Regional Water Quality Control (CVRWQCB) staff that the spent lime was not even a waste as it was being dried, impurities removed, and then reused on site. Together with a senior geotechnical engineer, Mr. Martin showed that the blending of the spent lime with the silts and clays in the mud ponds was a valid reuse of the materials to stabilize the fine grained soil and not application of a waste to the land. It was also shown through a series of leachibility tests that the mix was unlikely to impact groundwater quality. Nevertheless, the mixed material was only used under industrial areas of the redevelopment where it was going to be paved to further inhibit leaching. This approach saved the developer tens of millions of dollars and avoided killing the project.

Stockton Downtown Redevelopment and Brownfields Sites, Stockton, California-Provided technical support to an EPA contractor for the former McCormick & Baxter Creosoting Co. Superfund site. Managed and provided technical oversight of a Phase I / Phase II Environmental Site Assessment of the Delta View Apartments on the south shore of the Stockton Waterfront. Managed and provided technical oversight for a portion of the City of Stockton Brownfields site. This site was the winner of a 2002 EPA Region IX Phoenix Award. Also, managed and provided technical oversight for the evaluation of two alternative baseball stadium sites as a portion of the Environmental Impact Reports for the Stockton Mudville Nine (A – Affiliate of the Oakland A's). Eventually, the North Shore Alternative was selected, and that site went on to be the 2008 winner of the EPA Region IX Phoenix Award.

Later provided technical oversight for the evaluation of several properties around the new EDD site on the south end of the channel for the City of Stockton Redevelopment Agency. Many of these projects included cleanup, third-party review of other consultants' work, and legal team support in cost recovery.

Solid Waste

Sierra Conservation Center, Jamestown, California-Managed and provided technical oversight for several years for groundwater and vadose zone monitoring at this Central California Prison Landfill.

Rice Road Landfill, Fresno, California-Managed and provided technical oversight for groundwater and landfill gas monitoring at this site.

Florin-Perkins Landfill, Sacramento, California-Mr. Martin was the project manager and provided third party technical oversight for construction quality assurance for the landfill cap of three large waste cells. The 3-foot-thick low-permeability soil cap consisted of foundation, engineered, and vegetative layers. Also assisted in some erosion mitigation and landfill gas waste characterization.

Committees and Commissions:

- City of Fresno Little Hoover Commission, Fresno, California (Water Division, Sewer Division and Wastewater Treatment Facility)
- Sacramento Chapter, American Public Works Association, Board Member and Chapter Officer, 2011 to 2017. Past President and Committee Chair 2017 to Present.
- San Joaquin Engineer's Council, Chair and longtime board member, 2012 to 2020

Awards:

- Stan Wilkening Member of the Year, Sacramento Chapter of the American Public Works Association, 2010
- President's Award for Outstanding Project, Los Vaqueros Water Conveyance Pipeline, Kleinfelder, 1996
- Interdisciplinary Award, Disco Remediation Site, Kleinfelder, 2003
- Co-author, "Fast-Track Water Treatment, Los Vaqueros Water Conveyance Pipeline Project, Byron, California", Technical Papers of the 12th Annual Environmental Management and Technology Conference West, Zenobia and Martin, (HazMat '96 West)
- Co-author, "Emergency Construction, Operation and Maintenance of a 600 gpm Dewatering Treatment System", Technical Seminar, Zenobia, Martin and Paulson, April 1996
- Co-author, "Removal of MTBE and other Oxygenates in Groundwater using Emerging Technologies", Technical Seminar, Jenkins and Martin, Denver, Colorado, February 2003

Appendix F: AB 52 Tribal Noticing Record

Appendix F: AB 52 Tribal Correspondence Records

Attachment 1: Sacred Land Files Search Results

NATIVE AMERICAN HERITAGE COMMISSION

CHAIRPERSON
Reginald Pagaling
Chumash

VICE CHAIRPERSON
Buffy McQuillen
Yokayo Pomo, Yuki, Nomlaki

SECRETARY
Sara Dutschke
Miwok

PARLIAMENTARIAN
Wayne Nelson
Luiseño

COMMISSIONER
Isaac Bojorquez
Ohlone-Costanoan

COMMISSIONER
Stanley Rodriguez
Kumeyaay

COMMISSIONER
Laurena Bolden
Serrano

COMMISSIONER
Reid Milanovich
Cahuilla

COMMISSIONER
Bennae Calac
Pauma-Yuima Band of Luiseño Indians

EXECUTIVE SECRETARY
Raymond C. Hitchcock
Miwok/Nisenan

NAHC HEADQUARTERS
1550 Harbor Boulevard
Suite 100
West Sacramento,
California 95691
(916) 373-3710

January 3, 2025

Michael Gennaro
Blair, Church & Flynn

Via Email to: mgennaro@bcf-engr.com

Re: Native American Tribal Consultation, Pursuant to the Assembly Bill 52 (AB 52), Amendments to the California Environmental Quality Act (CEQA) (Chapter 532, Statutes of 2014), Public Resources Code Sections 5097.94 (m), 21073, 21074, 21080.3.1, 21080.3.2, 21082.3, 21083.09, 21084.2 and 21084.3, Riverdale High School Facility Improvements Project, Fresno County

Dear Mr. Gennaro:

Pursuant to Public Resources Code section 21080.3.1 (c), attached is a consultation list of tribes that are traditionally and culturally affiliated with the geographic area of the above-listed project. Please note that the intent of the AB 52 amendments to CEQA is to avoid and/or mitigate impacts to tribal cultural resources, (Pub. Resources Code §21084.3 (a)) ("Public agencies shall, when feasible, avoid damaging effects to any tribal cultural resource.")

Public Resources Code sections 21080.3.1 and 21084.3(c) require CEQA lead agencies to consult with California Native American tribes that have requested notice from such agencies of proposed projects in the geographic area that are traditionally and culturally affiliated with the tribes on projects for which a Notice of Preparation or Notice of Negative Declaration or Mitigated Negative Declaration has been filed on or after July 1, 2015. Specifically, Public Resources Code section 21080.3.1 (d) provides:

Within 14 days of determining that an application for a project is complete or a decision by a public agency to undertake a project, the lead agency shall provide formal notification to the designated contact of, or a tribal representative of, traditionally and culturally affiliated California Native American tribes that have requested notice, which shall be accomplished by means of at least one written notification that includes a brief description of the proposed project and its location, the lead agency contact information, and a notification that the California Native American tribe has 30 days to request consultation pursuant to this section.

The AB 52 amendments to CEQA law does not preclude initiating consultation with the tribes that are culturally and traditionally affiliated within your jurisdiction prior to receiving requests for notification of projects in the tribe's areas of traditional and cultural affiliation. The Native American Heritage Commission (NAHC) recommends, but does not require, early consultation as a best practice to ensure that lead agencies receive sufficient information about cultural resources in a project area to avoid damaging effects to tribal cultural resources.

The NAHC also recommends, but does not require that agencies should also include with their notification letters, information regarding any cultural resources assessment that has been completed on the area of potential effect (APE), such as:

1. The results of any record search that may have been conducted at an Information Center of the California Historical Resources Information System (CHRIS), including, but not limited to:

- A listing of any and all known cultural resources that have already been recorded on or adjacent to the APE, such as known archaeological sites;
- Copies of any and all cultural resource records and study reports that may have been provided by the Information Center as part of the records search response;
- Whether the records search indicates a low, moderate, or high probability that unrecorded cultural resources are located in the APE; and
- If a survey is recommended by the Information Center to determine whether previously unrecorded cultural resources are present.

2. The results of any archaeological inventory survey that was conducted, including:

    - Any report that may contain site forms, site significance, and suggested mitigation measures.

      All information regarding site locations, Native American human remains, and associated funerary objects should be in a separate confidential addendum, and not be made available for public disclosure in accordance with Government Code section 6254.10.

3. The result of any Sacred Lands File (SLF) check conducted through the Native American Heritage Commission was negative.

4. Any ethnographic studies conducted for any area including all or part of the APE; and

5. Any geotechnical reports regarding all or part of the APE.

Lead agencies should be aware that records maintained by the NAHC and CHRIS are not exhaustive and a negative response to these searches does not preclude the existence of a tribal cultural resource. A tribe may be the only source of information regarding the existence of a tribal cultural resource.

This information will aid tribes in determining whether to request formal consultation. In the event that they do, having the information beforehand will help to facilitate the consultation process.

If you receive notification of change of addresses and phone numbers from tribes, please notify the NAHC. With your assistance, we can assure that our consultation list remains current.

If you have any questions, please contact me at my email address: Pricilla.Torres-Fuentes@nahc.ca.gov.

Sincerely,

Pricilla Torres-Fuentes

Pricilla Torres-Fuentes
Cultural Resources Analyst

Attachment

Native American Heritage Commission
Native American Contact List
Fresno County
1/3/2025

County	Tribe Name	Fed (F) Non-Fed (N)	Contact Person	Contact Address	Phone #	Fax #	Email Address	Cultural Affiliation	Counties	Last Updated
Fresno	Kitanemuk & Yowlumne Tejon Indians	N	Delia Dominguez, Chairperson	115 Radio Street Bakersfield, CA, 93305	(626) 339-6785		2deedominguez@gmail.com	Kitanemuk Southern Valley Yokut	Fresno,Kern,Kings,Los Angeles,Madera,Monterey,San Benito,San Luis Obispo,Tulare	
	Santa Rosa Rancheria Tachi Yokut Tribe	F	Shana Powers, THPO	P.O. Box 8 Lemoore, CA, 93245	(559) 423-3900			Southern Valley Yokut	Fresno,Kern,Kings,Merced,Monterey,San Benito,San Luis Obispo,Tulare	10/3/2023
	Santa Rosa Rancheria Tachi Yokut Tribe	F	Samantha McCarty, Cultural Specialist II	P.O. Box 8 Lemoore, CA, 93245	(559) 633-3440		smccarty@tachi-yokut-nsn.gov	Southern Valley Yokut	Fresno,Kern,Kings,Merced,Monterey,San Benito,San Luis Obispo,Tulare	10/3/2023
	Santa Rosa Rancheria Tachi Yokut Tribe	F	Nichole Escalon, Cultural Specialist I	P.O. Box 8 Lemoore, CA, 93245	(559) 924-1278			Southern Valley Yokut	Fresno,Kern,Kings,Merced,Monterey,San Benito,San Luis Obispo,Tulare	10/3/2023
	Table Mountain Rancheria	F	Michelle Heredia-Cordova, Chairperson	P.O. Box 410 Friant, CA, 93626	(559) 822-2587	(559) 822-2693	mhcordova@tmr.org	Yokut	Fresno,Kern,Kings,Madera,Monterey,San Benito,San Luis Obispo,Tulare	12/21/2023
	Tule River Indian Tribe	F	Neil Peyron, Chairperson	P.O. Box 589 Porterville, CA, 93258	(559) 781-4271	(559) 781-4610	neil.peyron@tulerivertribe-nsn.gov	Yokut	Alameda,Amador,Calaveras,Contra Costa,Fresno,Inyo,Kern,Kings,Madera,Mariposa,Merced,Monterey,Sacramento,San Benito,San Joaquin,San Luis Obispo,Stanislaus,Tulare,Tuolumne	
	Wuksachi Indian Tribe/Eshom Valley Band	N	Kenneth Woodrow, Chairperson	1179 Rock Haven Ct. Salinas, CA, 93906	(831) 443-9702		kwood8934@aol.com	Foothill Yokut Mono	Alameda,Calaveras,Contra Costa,Fresno,Inyo,Kings,Madera,Marin,Mariposa,Merced,Mono,Monterey,San Benito,San Francisco,San Joaquin,San Mateo,Santa Clara,Santa Cruz,Stanislaus,Tulare,Tuolumne	6/19/2023

This list is current only as of the date of this document. Distribution of this list does not relieve any person of statutory responsibility as defined in Section 7050.5 of the Health and Safety Code, Section 5097.94 of the Public Resources Code and Section 5097.98 of the Public Resources Code.

This list is only applicable for consultation with Native American tribes under Public Resources Code Sections 21080.3.1 for the proposed Riverdale High School Facility Improvements Project, Fresno County.

Record: PROJ-2025-000017
Report Type: AB52 GIS
Counties: Fresno
NAHC Group: All

Appendix F: AB 52 Tribal Correspondence Records

Attachment 2: Sent AB 52 Tribal Noticing Letters

Paasch, Mimi <mpaasch@rjusd.org>

Riverdale High School Facilities Improvement Project

1 message

Paasch, Mimi <mpaasch@rjusd.org> Fri, Mar 14, 2025 at 2:18 PM
To: 2deedominguez@gmail.com

Good afternoon,

Attached you will find a letter from our district, which was mailed out on March 3, 2025 via certified mail and to-date has not been signed as received, so we are sending this to you via email for your records.

Please confirm receipt of this email.

Kindly,
--
Mimi Paasch
Administrative Assistant to Superintendent Jeff Percell
Riverdale Joint Unified School District
P.O. Box 1058
3160 W. Mt. Whitney Ave.
Riverdale, CA 93656
Direct Line: (559) 891-4305
Fax: (559) 867-6722

Kitanemuk & Yowlumne Tejon Indians.pdf
3632K

March 3, 2025

Delia Dominguez, Chairperson
Kitanemuk & Yowlumne Tejon Indians
115 Radio Street
Bakersfield, CA, 93305

Re: Riverdale High School Facility Improvements Project

Dear Chairman Delia Dominguez,

Riverdale Joint Unified School District (District) is proposing to construct the Riverdale High School Facility Improvements Project ("Project") on the Riverdale High School campus, in Riverdale, California. The District is preparing an Initial Study to identify potential environmental impacts resulting from the Project according to the California Environmental Quality Act (CEQA), California Public Resources Code Section 21080. As a part of the Initial Study preparation and pursuant to Assembly Bill 52, the District is respectfully requesting consultation with the Kitanemuk & Yowlumne Tejon Indians.

The District welcomes you to be a consulting party and help identify tribal cultural resources in the project area that may have religious and cultural significance, and if such resources exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss ways to avoid, minimize, or mitigate potential adverse effects.

The proposed project site is in Township 17S, Range 19E, Section 24 at approximately 36° 26′ 56″ N, 119° 51′ 23″ W. The Area of Potential Effect (APE) is approximately 25.54 acres northeast of the intersection of W. Mount Whitney Avenue and S. Hazel Avenue in the Census-designated community of Riverdale, in Fresno County, California (APN: 053-130-12T, and 053-130-82T). Enclosed are Figures 1 and 2 that show the project location, and APE.

Project Description

The District proposes to renovate the football/soccer and track stadium, reconstruct the parking lot and the Agriculture Barn Education Facility (Ag Barn); construct new community multi-use athletic fields, and improve a section of S. Hazel Avenue. Work would be completed in three phases. The exact division of work to be completed in each phase is unknown and would depend on available funding and construction costs. A description of each phase is described as follows:

Phase 1 – Football/Soccer Stadium and Track Remodel

The Phase 1 site is on approximately 14.1 acres. The remodeled football/soccer stadium and track would be about 5.5 acres. Remodeling would include removing the existing soil berms and trees surrounding the track, demolition of stadium seats (with approximately 2,000 home and 500 visitor bench seats), and adding new aluminum stadium bleacher stands (with 1,500 home seats and 500 visitor seats). The football/soccer field would be regraded, planted with turf grass, and receive new irrigation systems. Other improvements would include the installation of a 9-lane rubber-surface 400-meter track, and track and field facilities (including long jump, triple jump, high jump, shot put, and discus). Stadium perimeter fencing, and landscaping improvements would be included. A new 1,400 sq. ft. +/- building to house a training room, snack bar, ticket window, and toilet facilities would be constructed. Eight existing 70 feet tall stadium lights would be removed, and four 90 feet tall stadium lights would be added. The existing public bathroom would be demolished, and a new 520 sq. ft. bathroom building would be constructed immediately south of the existing parking lot. Phase 1 would also include rehabilitation of the existing 1.6-acre north campus parking lot, four parking stalls would be designated as accessible parking space and be marked with appropriate signage (see schematic plans in Figure 3).

New utilities, including electrical, sewer, water, storm drain, and irrigation would be installed. All utilities would connect to existing campus utility systems. Storm drain utilities would connect to the campus underground stormwater conveyance system, which discharges to the campus stormwater retention basin that is located about 1,500 ft north of the intersection of Stathem St. and S. Hazel Ave., on the west side of S. Hazel Avenue. This basin would be expanded to the south. An area, about 1.08 acres of existing farmland south of the basin would be cleared and excavated to expand the existing stormwater basin and reroute the existing farm road. Additionally, based on pending hydraulic analysis, the existing stormwater main under S. Hazel Avenue may need to be excavated, removed, and replaced with an upsized pipe for approximately 1,300 feet starting from the intersection of Stathem St. and S. Hazel Avenue extending north. If the existing stormwater main under Hazel Avenue must be upsized, additional stub-out stormwater pipeline connections would be constructed along Hazel Avenue for the future curb and gutter drain inlets and the Ag Barn proposed for Phase 3.

Soil removed from the existing soil berms surrounding the stadium and the stormwater basin would be moved and stockpiled to an area (1.7 acres) located east of the existing Ag Barn. This soil would be stored until it is used as fill material for Phase 2, the new Multi-Use Community Athletic Fields.

Phase 2 – Multi-Use Community Athletic Fields

Phase 2 site is on approximately 10.8 acres. Phase 2 would include grading and planting turf grass on about six (6) acres of new athletics fields, located north of the existing parking lot and west of the existing baseball/softball practice fields. The multi-use fields would include six to eight 30-ft tall pole 'practice' lights, electrical systems, irrigation systems, and a tree row at the north perimeter of the new fields. The existing Ag Barn and surrounding area would be demolished and cleared. Farther north,

approximately 2.6 acres of agricultural land, (owned and leased out by the District), would be cleared. New connections for irrigation water would be constructed to the existing water line under S. Hazel Avenue. Approximately 685 feet of new electrical conduit would be constructed from the intersection of Stathem St. and S. Hazel Avenue and extend north to provide electrical power for the multi-use fields. An additional 180 feet of stub-out electrical conduit may also be constructed extending further north to be used for the future Phase 3 Ag Barn.

Approximately 660 feet of overhead electrical utilities spanning west to east from S. Hazel Avenue along the north side of the parking lot to the north side of the stadium would be removed and replaced with underground electrical lines. Trenching for the undergrounding of electrical lines would disturb a 0.3-acre area of soil. A new electrical transformer and irrigation control station would be installed at the west end of the parking lot, or the southwest corner of the existing practice baseball/softball fields.

Phase 2 would also include turf grass rehabilitation for the 4.55-acre practice baseball/softball fields. The existing turf grass would be stripped and replaced with new turf grass, and new irrigation spray heads would be installed.

Phase 3 – New Ag Barn Facility

Phase 3 would include an approximately 4.41 acres site. Phase 3 would a new Ag Barn on 3 acres located across S. Hazel Avenue from the existing Maintenance Operations Facility. The Ag Barn building is approximately 18,470 sq. ft. and would be used for housing animals for educational purposes. The size of the Ag Barn building may be reduced to align with available funding. The surrounding facility would include about 12 parking stalls, concrete sidewalks, gravel access roads, and landscaped areas. Based on available funds, chicken hutches, a shade structure, orchards, and a pasture field may be constructed. Approximately 3 acres of land currently planted as wheat fields (owned and leased out by the District) would be cleared to construct the new Ag Barn Facility. Sewer, water, electrical, and stormwater utility connections would connect to mains located under S. Hazel Avenue.

Phase 3 would also include road improvements to Hazel Avenue, starting at the intersection of Stathem St. and Hazel Ave., extending 970 feet to the north. This area, approximately 1.41 acres, along S. Hazel Ave. would be demolished and reconstructed with new stormwater drain inlets and 62 parking stalls on the east side. These parking stalls would be oversized for large vehicle parking, 10-feet wide x 20-feet deep. Approximately 865 feet of new sidewalk would be constructed along the east side of S. Hazel Avenue. A 700 sq. ft. +/- community toilet building would be added at the northwest corner of the new multi-use fields and connected to the existing sewer main under Hazel Avenue. The toilet building will serve the community fields and the Phase 3 Ag Farm.

Closing Remarks

If you would like to be a consulting party on this project, please let us know of your interest as soon as possible, but no later than 30 days after receipt of this letter. Please include in your reply the name and

contact information for the tribe's principal representative in the consultation. If you do not wish to consult on this project, please inform us.

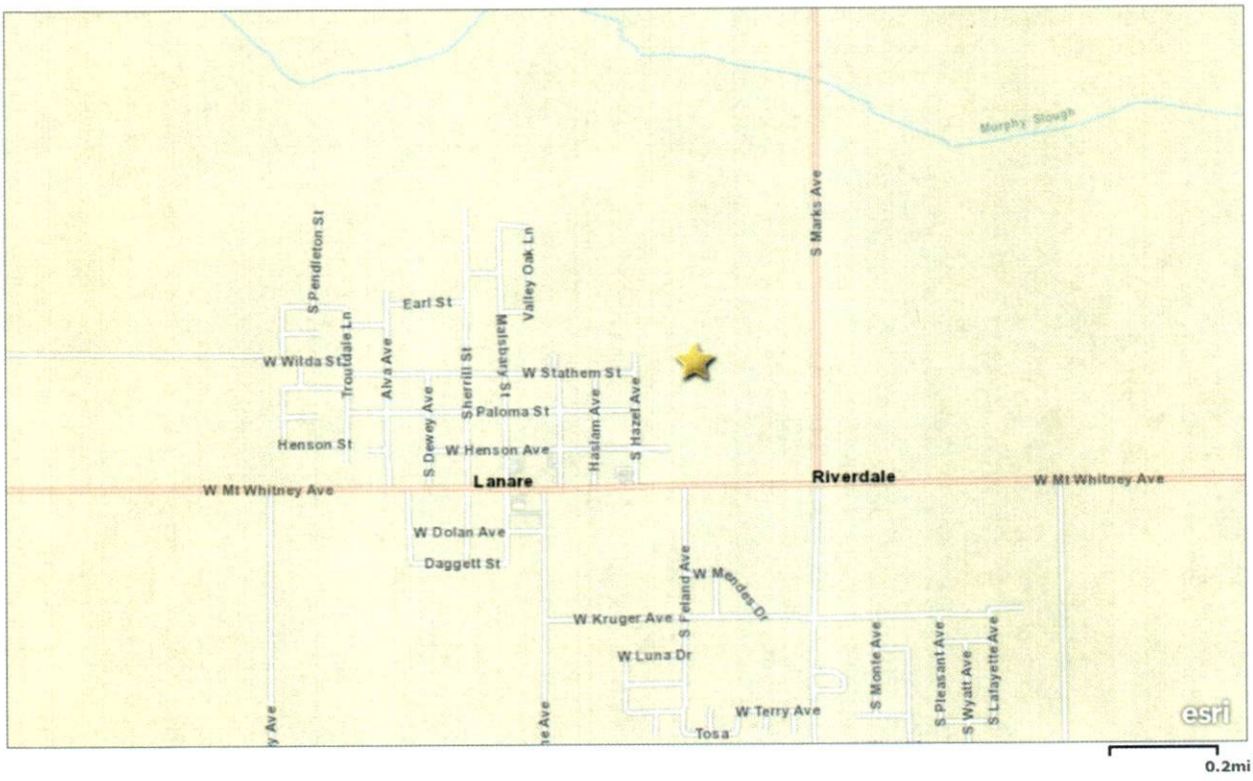
Please feel free to email your reply to me at the following address: jpercell@rjusd.org. If you have any questions about the project, please let me know.

I look forward to hearing from you soon.

Sincerely,

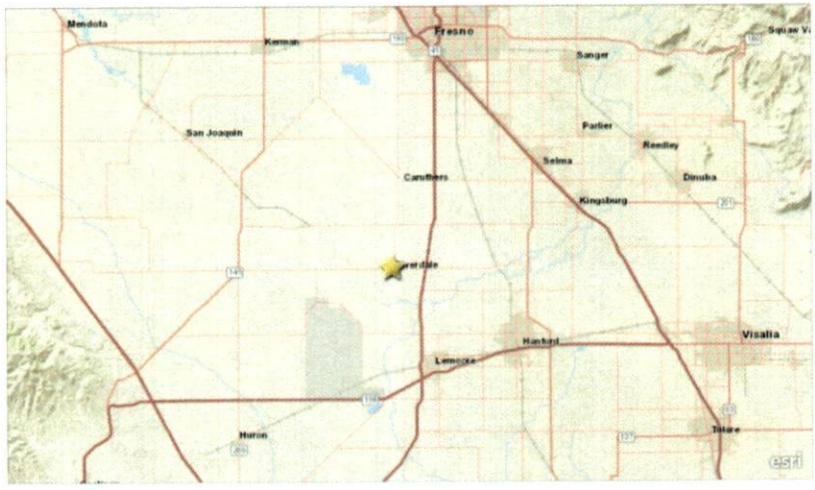
Riverdale Joint Unified School District
Jeff Percell
Superintendent
(559) 867-8200
jpercell@rjusd.org

Figure 1: Location Maps



Fresno County Dept. PWP, Bureau of Land Management, Esri, HERE, Garmin, INCREMENT P, NGA, USGS

Project Location



Esri, HERE, Garmin, NGA, USGS, NPS

Figure 1: APE Maps

SYMBOL LEGEND:

- PROJECT SITE BOUNDARY
- PHASE 1 BOUNDARY/AREA
- PHASE 2 BOUNDARY/AREA
- PHASE 3 BOUNDARY/AREA

N

0 100 200 300 600
SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 1

Blair, Church & Flynn
CONSULTING ENGINEERS

CONSULTANT

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

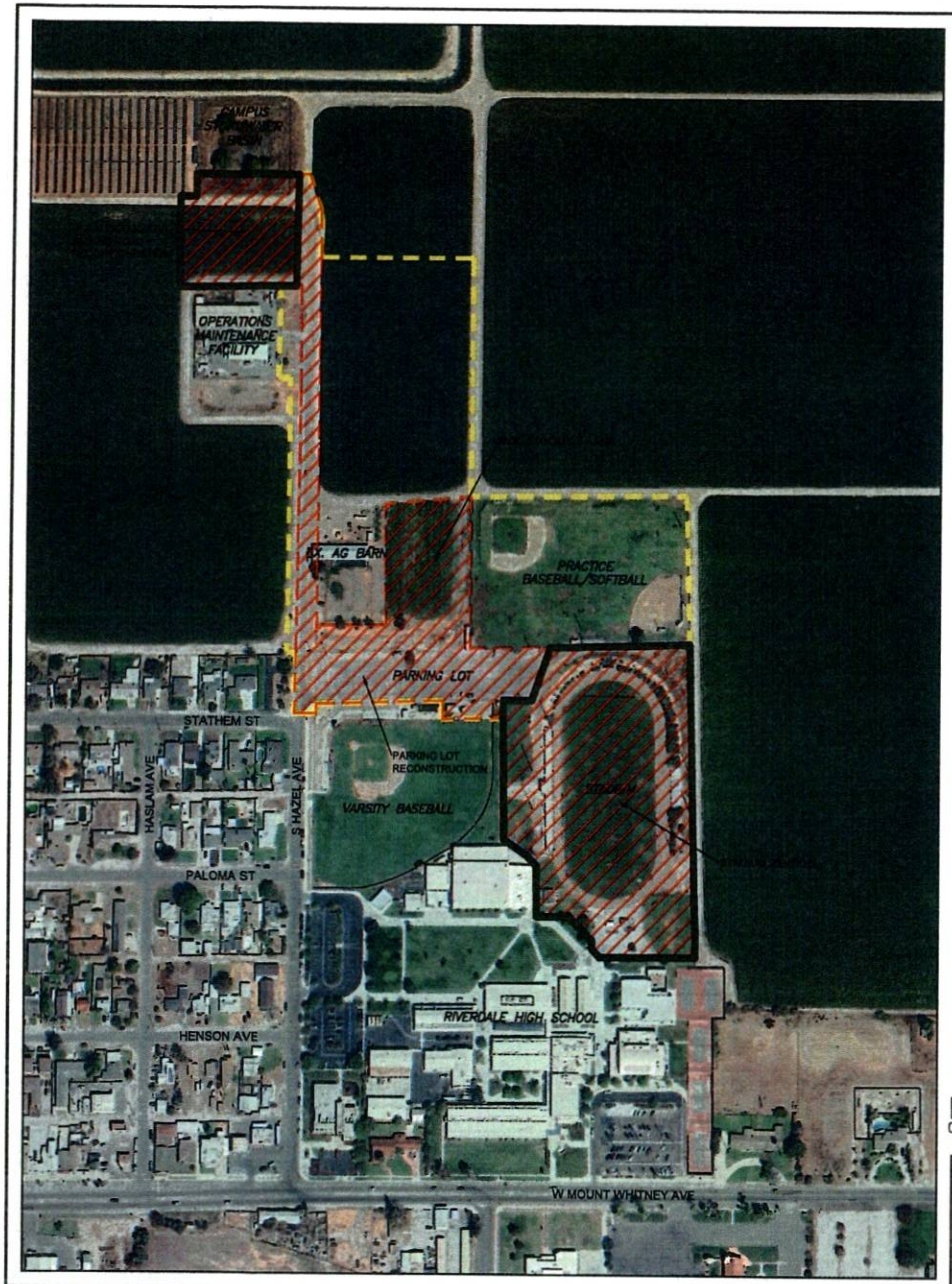
RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

TOTAL PROJECT LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 1
OF 4 SHEETS

Drawing: P:\233-024\BIM\Exhibits\CEQA\230308_Riverdale HS CEQA Figures_2025-02-26.dwg; Master Plan Plot by: mgonnano Feb 26, 2025 - 11:22am



SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 1 BOUNDARY/AREA

N

0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 2

Blair, Church & Flynn
CONSULTING ENGINEERS

CONSULTANT

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

PHASE 1 LOCATION MAP

DR. BY	MG
CH. BY	JP
DATE	02-07-25
SCALE:	AS NOTED

SHEET NO. 2 OF 4 SHEETS

SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 2 BOUNDARY/AREA

N

0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 3

Blair, Church & Flynn
CONSULTING ENGINEERS

CONSULTANT

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

PHASE 2 LOCATION MAP

DR. BY	MG
CH. BY	JP
DATE	02-07-25
SCALE:	AS NOTED

SHEET NO. 3 OF 4 SHEETS

SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 3 BOUNDARY/AREA

N

0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 4

Blair, Church & Flynn
CONSULTING ENGINEERS

CONSULTANT

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

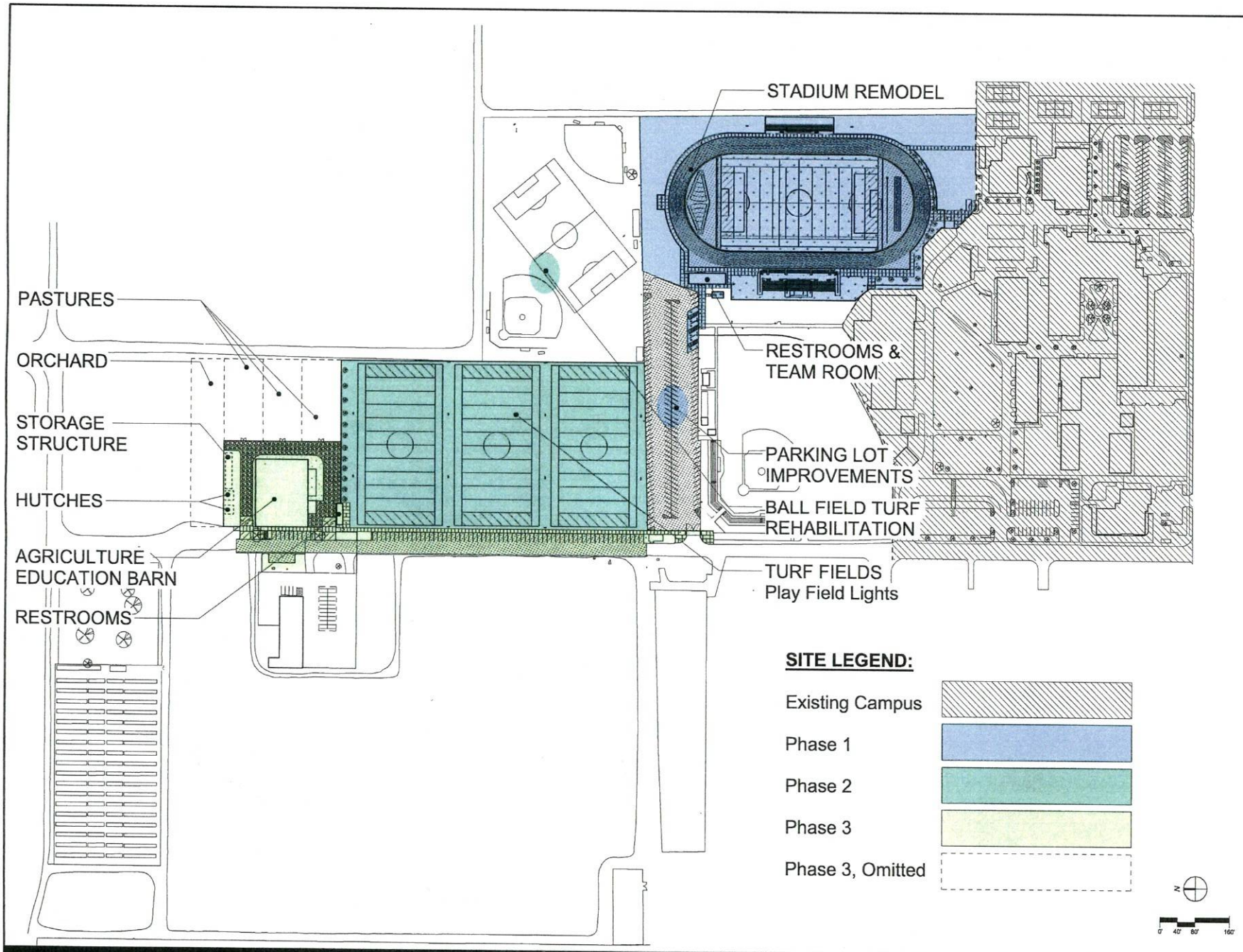
RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

PHASE 3 LOCATION MAP

DR. BY	MG
CH. BY	JP
DATE	02-07-25
SCALE:	AS NOTED

SHEET NO. 4 OF 4 SHEETS

Figure 2: Schematic Plans



THESE SIGNATURES REFLECT THE ACCEPTANCE OF THE INFORMATION SHOWN ON THIS DRAWING FOR THE COMPLETION OF THE SCHEMATIC DESIGN PHASE AND TO ALLOW WORK ON THE CONSTRUCTION DOCUMENTS TO PROCEED.

Approval

Riverdale High School - Athletic Improvements

Riverdale Joint Unified School District

Riverdale, CA 93656

Darden Project Number: 2272

Date: 01/06/2025

Project Information

darden architects
ARCHITECTURE PLANNING INTERIORS
www.dardenarchitects.com
6790 N. West Ave. • Fresno, CA 93711 • T 559.448.8251

Architect

PROJECT PHASING PLAN

Phase

Copyright 2024 Darden Architects

darden architects, inc.
ARCHITECTURE • PLANNING • INTERIORS

D:\2272_Athletic_Projects_V22_Carlo47RBP.rvt

March 3, 2025

Santa Rosa Rancheria Tachi Yokut Tribe
Shana Powers, THPO
P.O. Box 8
Lemoore, CA, 93245

Re: Riverdale High School Facility Improvements Project

Dear Shanna Powers, Tribal Historic Preservation Officer

Riverdale Joint Unified School District (District) is proposing to construct the Riverdale High School Facility Improvements Project ("Project") on the Riverdale High School campus, in Riverdale, California. The District is preparing an Initial Study to identify potential environmental impacts resulting from the Project according to the California Environmental Quality Act (CEQA), California Public Resources Code Section 21080. As a part of the Initial Study preparation and pursuant to Assembly Bill 52, the District is respectfully requesting consultation with the Santa Rosa Rancheria Tachi Yokut Tribe.

The District welcomes you to be a consulting party and help identify tribal cultural resources in the project area that may have religious and cultural significance, and if such resources exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss ways to avoid, minimize, or mitigate potential adverse effects.

The proposed project site is in Township 17S, Range 19E, Section 24 at approximately 36° 26' 56" N, 119° 51' 23" W. The Area of Potential Effect (APE) is approximately 25.54 acres northeast of the intersection of W. Mount Whitney Avenue and S. Hazel Avenue in the Census-designated community of Riverdale, in Fresno County, California (APN: 053-130-12T, and 053-130-82T). Enclosed are Figures 1 and 2 that show the project location, and APE.

Project Description

The District proposes to renovate the football/soccer and track stadium, reconstruct the parking lot and the Agriculture Barn Education Facility (Ag Barn); construct new community multi-use athletic fields, and improve a section of S. Hazel Avenue. Work would be completed in three phases. The exact division of work to be completed in each phase is unknown and would depend on available funding and construction costs. A description of each phase is described as follows:

Phase 1 – Football/Soccer Stadium and Track Remodel

The Phase 1 site is on approximately 14.1 acres. The remodeled football/soccer stadium and track would be about 5.5 acres. Remodeling would include removing the existing soil berms and trees surrounding the track, demolition of stadium seats (with approximately 2,000 home and 500 visitor bench seats), and adding new aluminum stadium bleacher stands (with 1,500 home seats and 500 visitor seats). The football/soccer field would be regraded, planted with turf grass, and receive new irrigation systems. Other improvements would include the installation of a 9-lane rubber-surface 400-meter track, and track and field facilities (including long jump, triple jump, high jump, shot put, and discus). Stadium perimeter fencing, and landscaping improvements would be included. A new 1,400 sq. ft. +/- building to house a training room, snack bar, ticket window, and toilet facilities would be constructed. Eight existing 70 feet tall stadium lights would be removed, and four 90 feet tall stadium lights would be added. The existing public bathroom would be demolished, and a new 520 sq. ft. bathroom building would be constructed immediately south of the existing parking lot. Phase 1 would also include rehabilitation of the existing 1.6-acre north campus parking lot, four parking stalls would be designated as accessible parking space and be marked with appropriate signage (see schematic plans in Figure 3).

New utilities, including electrical, sewer, water, storm drain, and irrigation would be installed. All utilities would connect to existing campus utility systems. Storm drain utilities would connect to the campus underground stormwater conveyance system, which discharges to the campus stormwater retention basin that is located about 1,500 ft north of the intersection of Stathem St. and S. Hazel Ave., on the west side of S. Hazel Avenue. This basin would be expanded to the south. An area, about 1.08 acres of existing farmland south of the basin would be cleared and excavated to expand the existing stormwater basin and reroute the existing farm road. Additionally, based on pending hydraulic analysis, the existing stormwater main under S. Hazel Avenue may need to be excavated, removed, and replaced with an upsized pipe for approximately 1,300 feet starting from the intersection of Stathem St. and S. Hazel Avenue extending north. If the existing stormwater main under Hazel Avenue must be upsized, additional stub-out stormwater pipeline connections would be constructed along Hazel Avenue for the future curb and gutter drain inlets and the Ag Barn proposed for Phase 3.

Soil removed from the existing soil berms surrounding the stadium and the stormwater basin would be moved and stockpiled to an area (1.7 acres) located east of the existing Ag Barn. This soil would be stored until it is used as fill material for Phase 2, the new Multi-Use Community Athletic Fields.

Phase 2 – Multi-Use Community Athletic Fields

Phase 2 site is on approximately 10.8 acres. Phase 2 would include grading and planting turf grass on about six (6) acres of new athletics fields, located north of the existing parking lot and west of the existing baseball/softball practice fields. The multi-use fields would include six to eight 30-ft tall pole 'practice' lights, electrical systems, irrigation systems, and a tree row at the north perimeter of the new fields. The existing Ag Barn and surrounding area would be demolished and cleared. Farther north,

approximately 2.6 acres of agricultural land, (owned and leased out by the District), would be cleared. New connections for irrigation water would be constructed to the existing water line under S. Hazel Avenue. Approximately 685 feet of new electrical conduit would be constructed from the intersection of Stathem St. and S. Hazel Avenue and extend north to provide electrical power for the multi-use fields. An additional 180 feet of stub-out electrical conduit may also be constructed extending further north to be used for the future Phase 3 Ag Barn.

Approximately 660 feet of overhead electrical utilities spanning west to east from S. Hazel Avenue along the north side of the parking lot to the north side of the stadium would be removed and replaced with underground electrical lines. Trenching for the undergrounding of electrical lines would disturb a 0.3-acre area of soil. A new electrical transformer and irrigation control station would be installed at the west end of the parking lot, or the southwest corner of the existing practice baseball/softball fields.

Phase 2 would also include turf grass rehabilitation for the 4.55-acre practice baseball/softball fields. The existing turf grass would be stripped and replaced with new turf grass, and new irrigation spray heads would be installed.

Phase 3 – New Ag Barn Facility

Phase 3 would include an approximately 4.41 acres site. Phase 3 would a new Ag Barn on 3 acres located across S. Hazel Avenue from the existing Maintenance Operations Facility. The Ag Barn building is approximately 18,470 sq. ft. and would be used for housing animals for educational purposes. The size of the Ag Barn building may be reduced to align with available funding. The surrounding facility would include about 12 parking stalls, concrete sidewalks, gravel access roads, and landscaped areas. Based on available funds, chicken hutches, a shade structure, orchards, and a pasture field may be constructed. Approximately 3 acres of land currently planted as wheat fields (owned and leased out by the District) would be cleared to construct the new Ag Barn Facility. Sewer, water, electrical, and stormwater utility connections would connect to mains located under S. Hazel Avenue.

Phase 3 would also include road improvements to Hazel Avenue, starting at the intersection of Stathem St. and Hazel Ave., extending 970 feet to the north. This area, approximately 1.41 acres, along S. Hazel Ave. would be demolished and reconstructed with new stormwater drain inlets and 62 parking stalls on the east side. These parking stalls would be oversized for large vehicle parking, 10-feet wide x 20-feet deep. Approximately 865 feet of new sidewalk would be constructed along the east side of S. Hazel Avenue. A 700 sq. ft. +/- community toilet building would be added at the northwest corner of the new multi-use fields and connected to the existing sewer main under Hazel Avenue. The toilet building will serve the community fields and the Phase 3 Ag Farm.

Closing Remarks

If you would like to be a consulting party on this project, please let us know of your interest as soon as possible, but no later than 30 days after receipt of this letter. Please include in your reply the name and

contact information for the tribe's principal representative in the consultation. If you do not wish to consult on this project, please inform us.

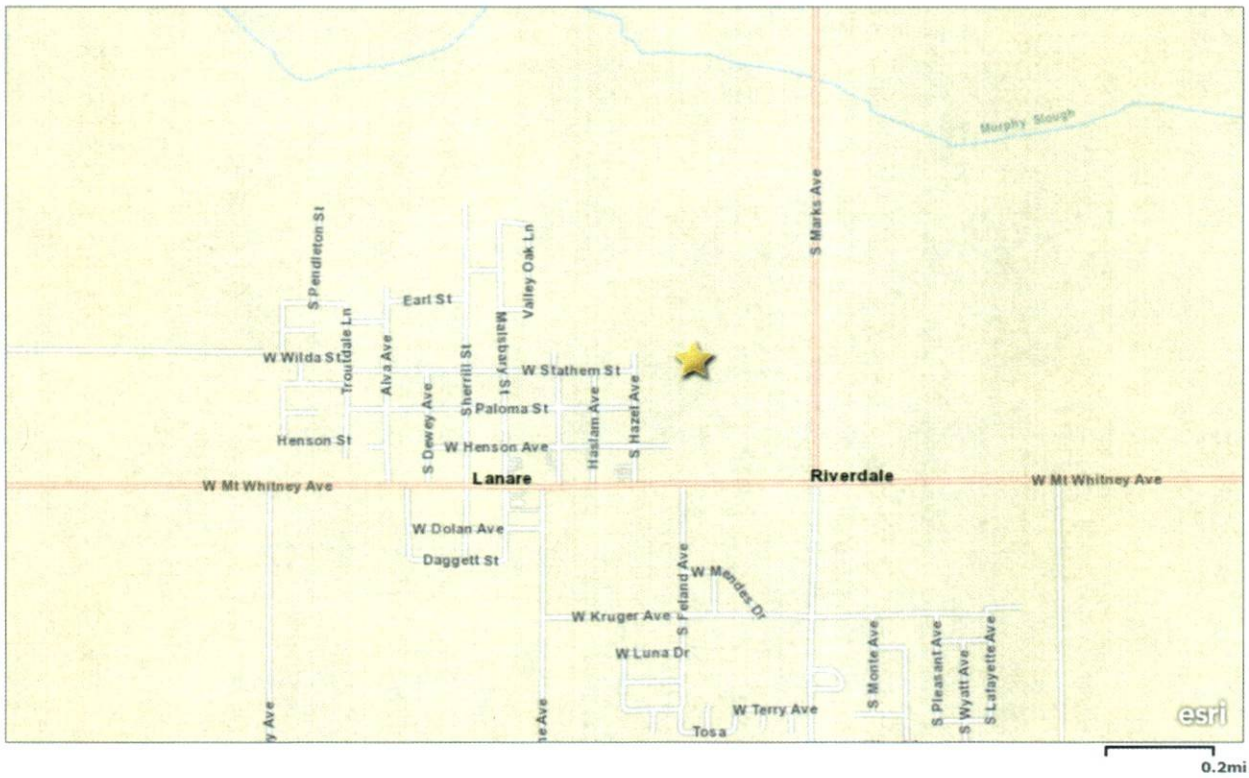
Please feel free to email your reply to me at the following address: jpercell@rjusd.org. If you have any questions about the project, please let me know.

I look forward to hearing from you soon.

Sincerely,

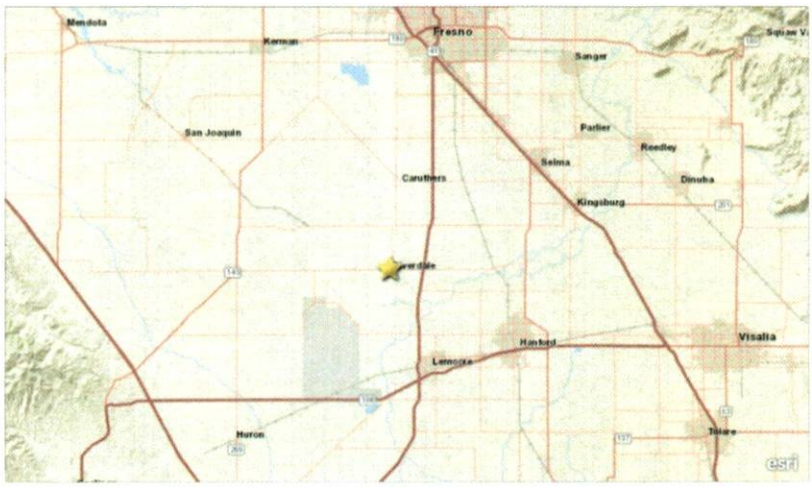
Riverdale Joint Unified School District
Jeff Percell
Superintendent
(559) 867-8200
jpercell@rjusd.org

Figure 1: Location Maps



Fresno County Dept. PWP, Bureau of Land Management, Esri, HERE, Garmin, INCREMENT P, NGA, USGS

Project Location



Esri, HERE, Garmin, NGA, USGS, NPS

Figure 1: APE Maps

SYMBOL LEGEND:

- PROJECT SITE BOUNDARY
- PHASE 1 BOUNDARY/AREA
- PHASE 2 BOUNDARY/AREA
- PHASE 3 BOUNDARY/AREA

N

0 100 200 300 600
SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 1

Blair, Church & Flynn
CONSULTING ENGINEERS

CONSULTANT
Blair, Church & Flynn Consulting Engineers
461 Clovis Avenue, Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

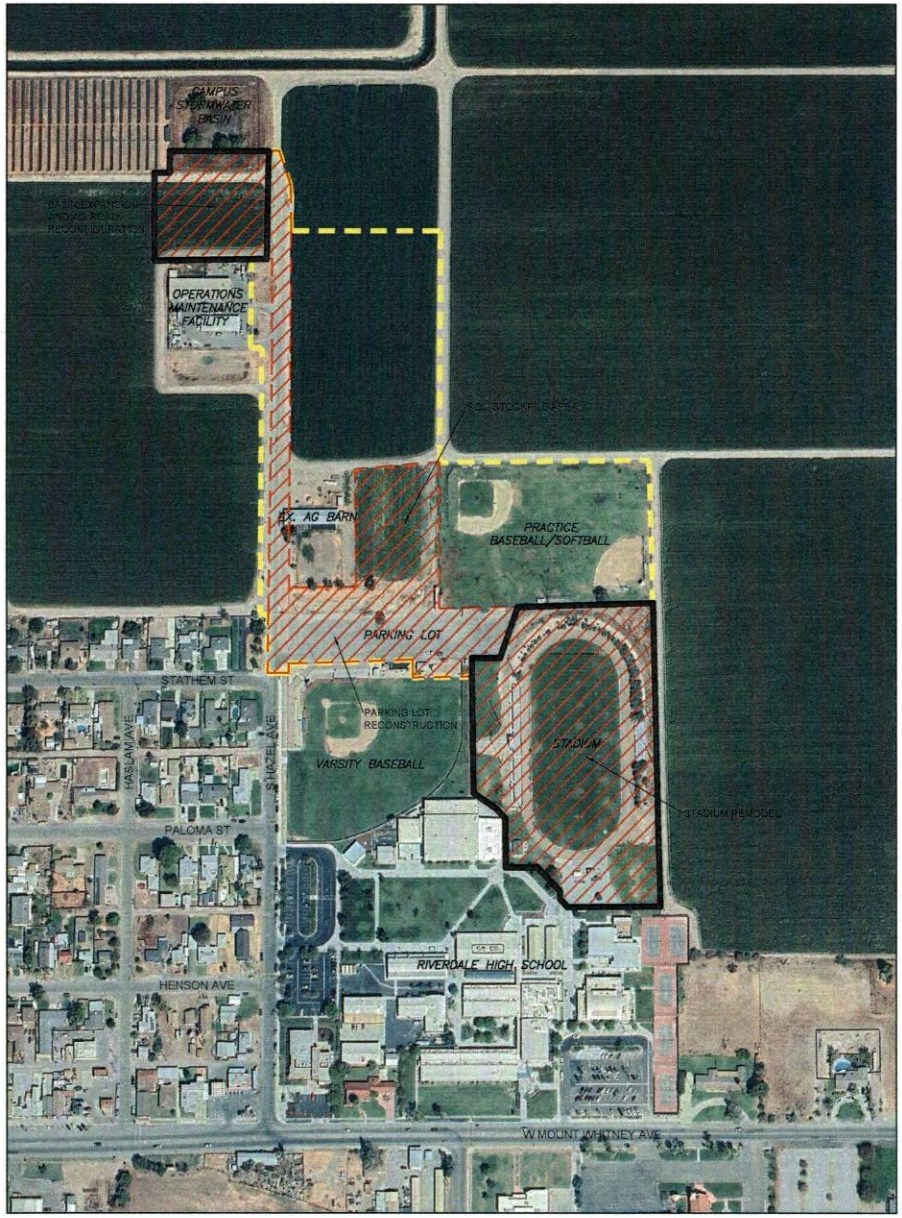
RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

TOTAL PROJECT LOCATION MAP

DR. BY	MG
CH. BY	JP
DATE	02-07-25
SCALE:	AS NOTED

SHEET NO. 1 OF 4 SHEETS

Drawing: P:\223-0246\Site\Exhibits\CEQA\223308_Riverdale HS CEQA Figures_2025-02-25.dwg; Master Plan Plot by: mgarnero Feb 26, 2025 - 11:22am



SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 1 BOUNDARY/AREA

N

0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 2

Blair, Church & Flynn CONSULTING ENGINEERS

CONSULTANT

Blair, Church & Flynn Consulting Engineers
465 Clovis Avenue, Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

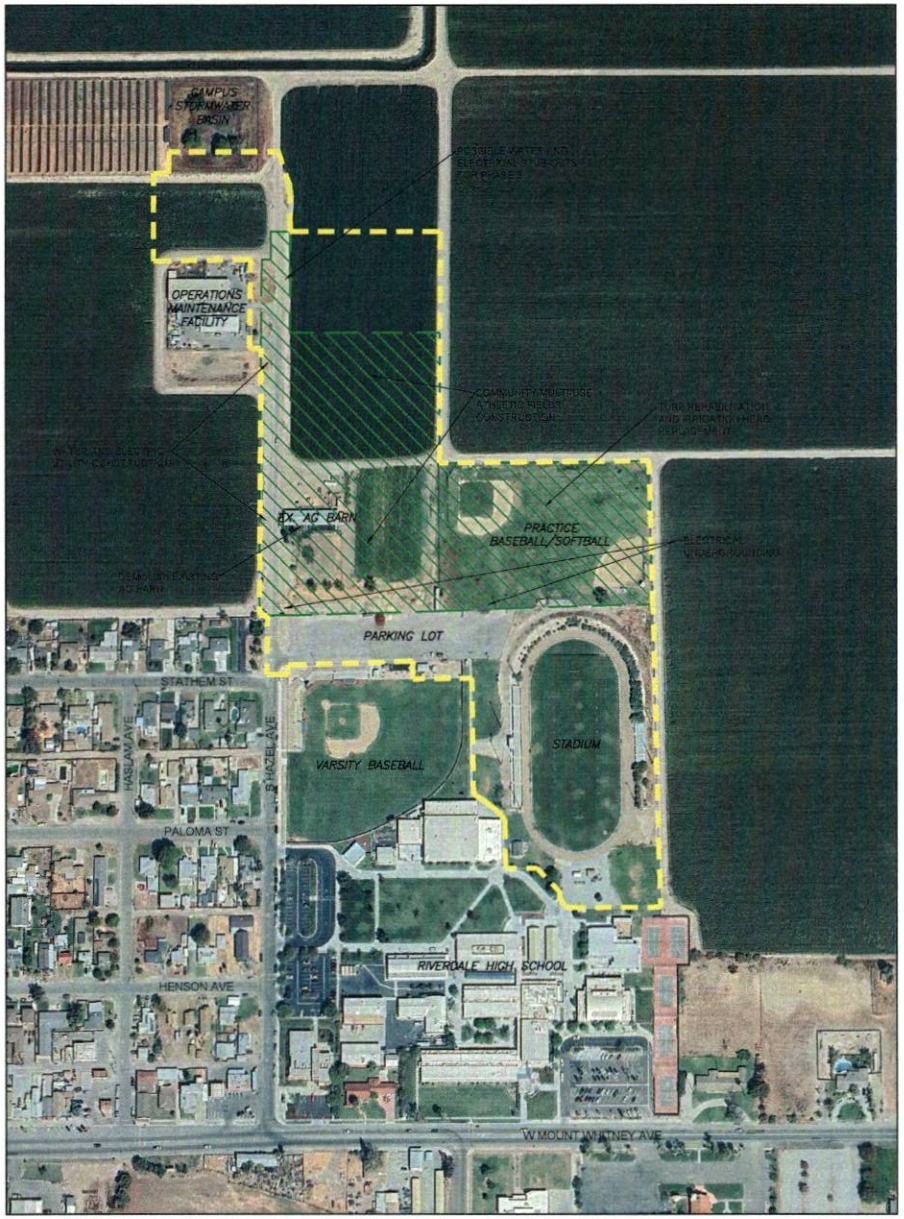
RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

PHASE 1 LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 2
OF 4 SHEETS

Drawing: P:\223-0246\Site\Exhibits\CEQA\223308_Riverdale HS CEQA Figures_2025-03-26.dwg, Phase 1 Plot by: mgannaro Feb 26, 2025 - 11:22am



SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 2 BOUNDARY/AREA

N

0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 3

Blair, Church & Flynn
CONSULTING ENGINEERS

CONSULTANT

Blair, Church & Flynn
Consulting Engineers
461 Clovis Avenue,
Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

PHASE 2 LOCATION MAP

DR. BY	MG
CH. BY	JP
DATE	02-07-25
SCALE:	AS NOTED

SHEET NO. 3 OF 4 SHEETS

Drawing: P:\223-024\Site\Exhibits\CEQA\223308_Riverdale HS CEQA Figures_2025-02-28.dwg; Phase 2 Plot by: mgennaro Feb 28, 2025 - 11:22am

SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 3 BOUNDARY/AREA

N

0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 4

Blair, Church & Flynn
CONSULTING ENGINEERS

CONSULTANT

Blair, Church & Flynn
Consulting Engineers
461 Clovis Avenue,
Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

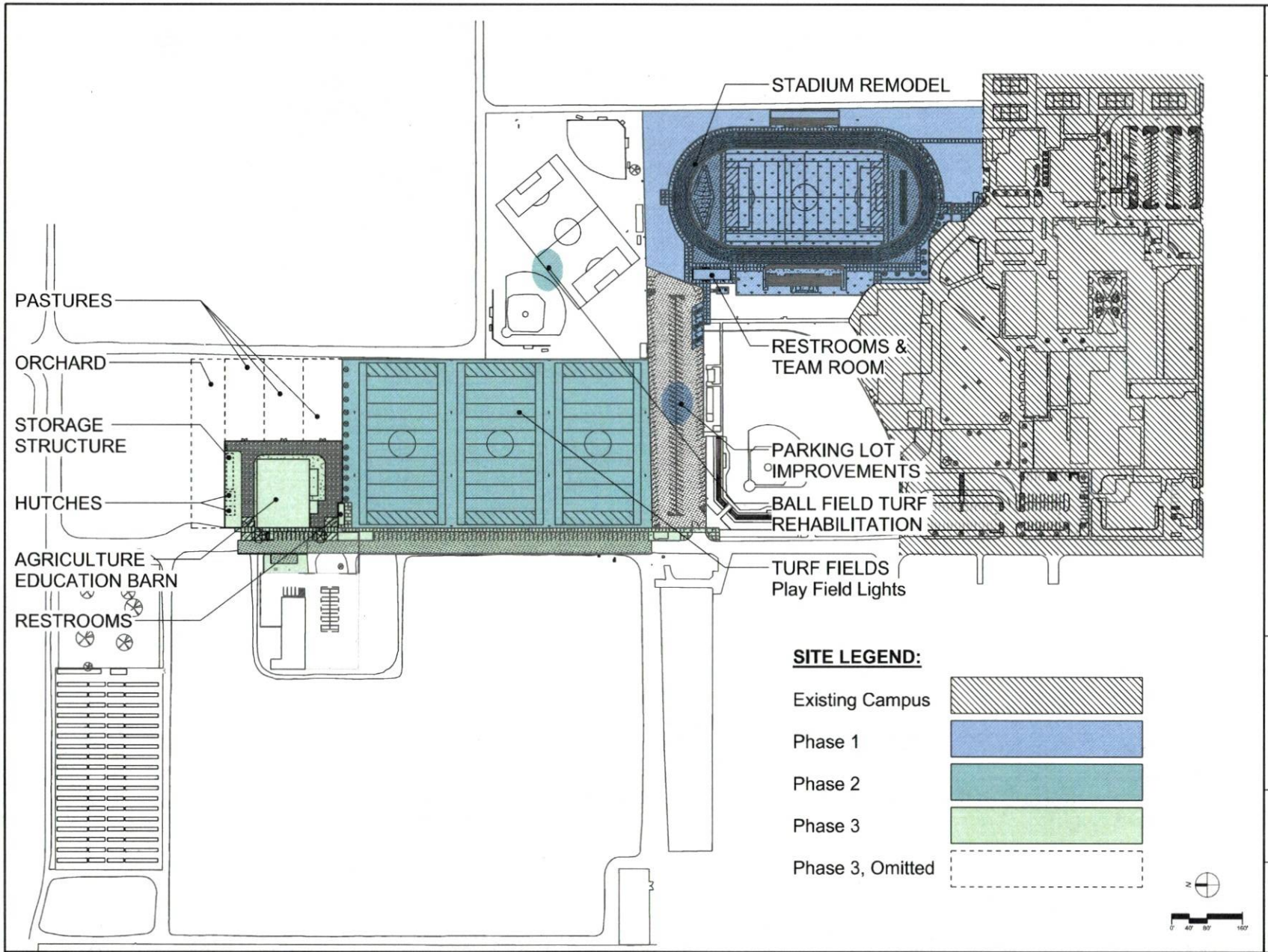
PHASE 3 LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 4 OF 4 SHEETS

Drawing: P:\223-0246\Site\Exhibits\CEQA\223308_Riverdale HS CEQA Figures_2025-02-25.dwg, Phase 3 Plot by: mgarcaro Feb 26, 2025 - 11:22am

Figure 2: Schematic Plans



THESE SIGNATURES REFLECT THE ACCEPTANCE OF THE INFORMATION SHOWN ON THIS DRAWING FOR THE COMPLETION OF THE SCHEMATIC DESIGN PHASE AND TO ALLOW WORK ON THE CONSTRUCTION DOCUMENTS TO PROCEED.

Approval

Riverdale High School - Athletic Improvements

Riverdale Joint Unified School District

Riverdale, CA 93656

Darden Project Number: 2272

Date: 01/06/2025

Project Information

darden architects
ARCHITECTURE
PLANNING
INTERIORS
www.dardenarchitects.com

Architect

PROJECT PHASING PLAN

Phase

Copyright 2024 Darden Architects

darden architects, inc.
ARCHITECTURE • PLANNING • INTERIORS

1/6/2025 11:32:26 AM
D:\2272_Athletic_Projects_V22_Cad_ATP&P.rvt

March 3, 2025

Santa Rosa Rancheria Tachi Yokut Tribe
Samantha McCarty, Cultural Specialist II
P.O. Box 8
Lemoore, CA, 93245

Re: Riverdale High School Facility Improvements Project

Dear Samantha McCarty, Cultural Specialist II,

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Closing Remarks

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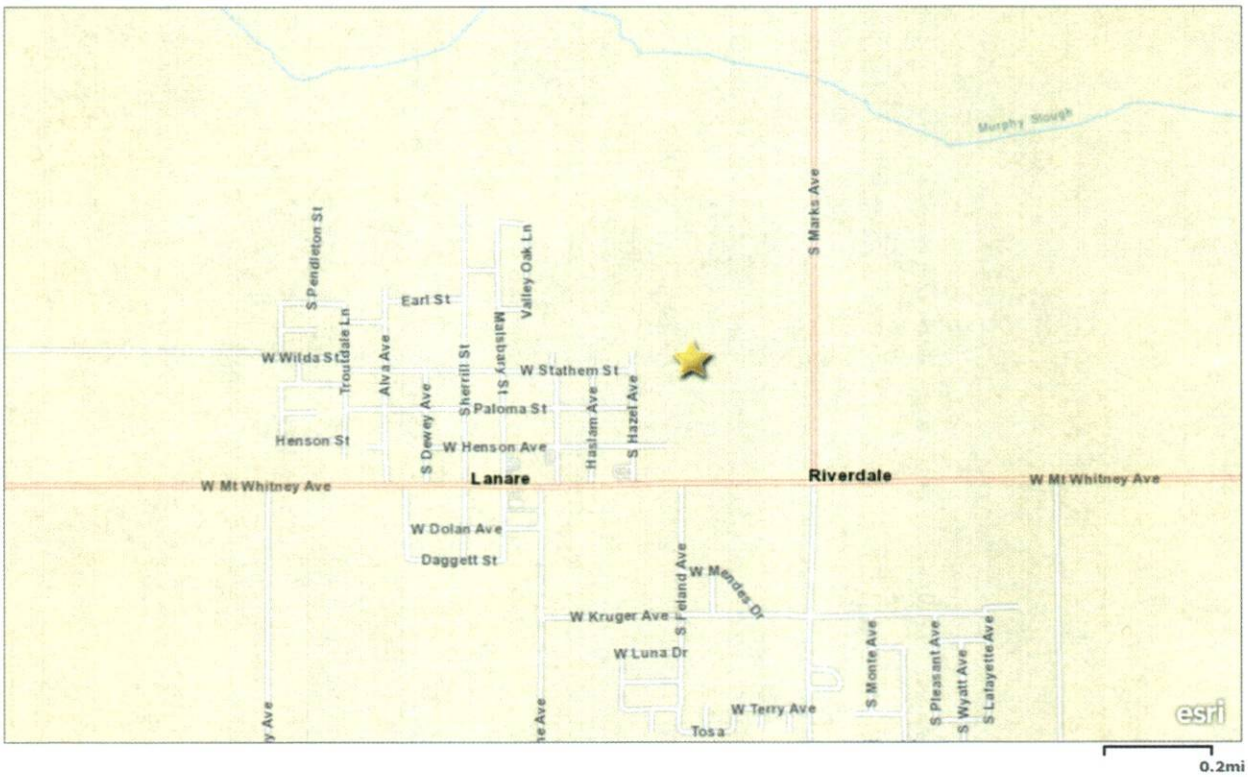
Please feel free to email your reply to me at the following address: jpercell@rjusd.org. If you have any questions about the project, please let me know.

I look forward to hearing from you soon.

Sincerely,

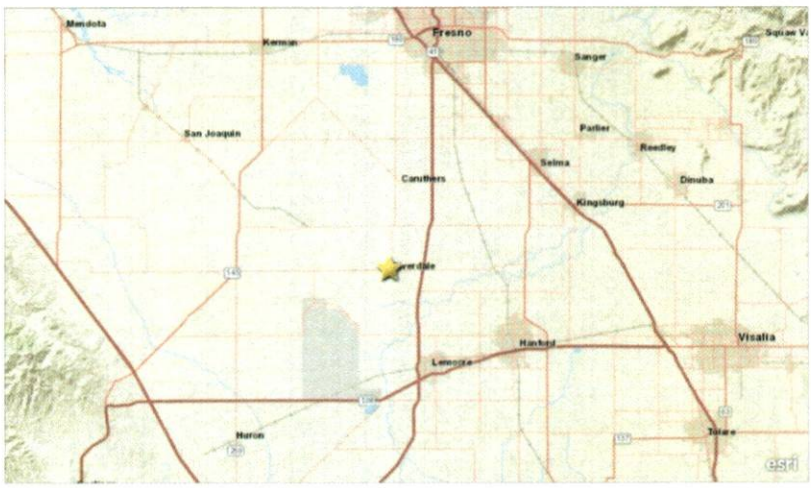
Riverdale Joint Unified School District
Jeff Percell
Superintendent
(559) 867-8200
jpercell@rjusd.org

Figure 1: Location Maps



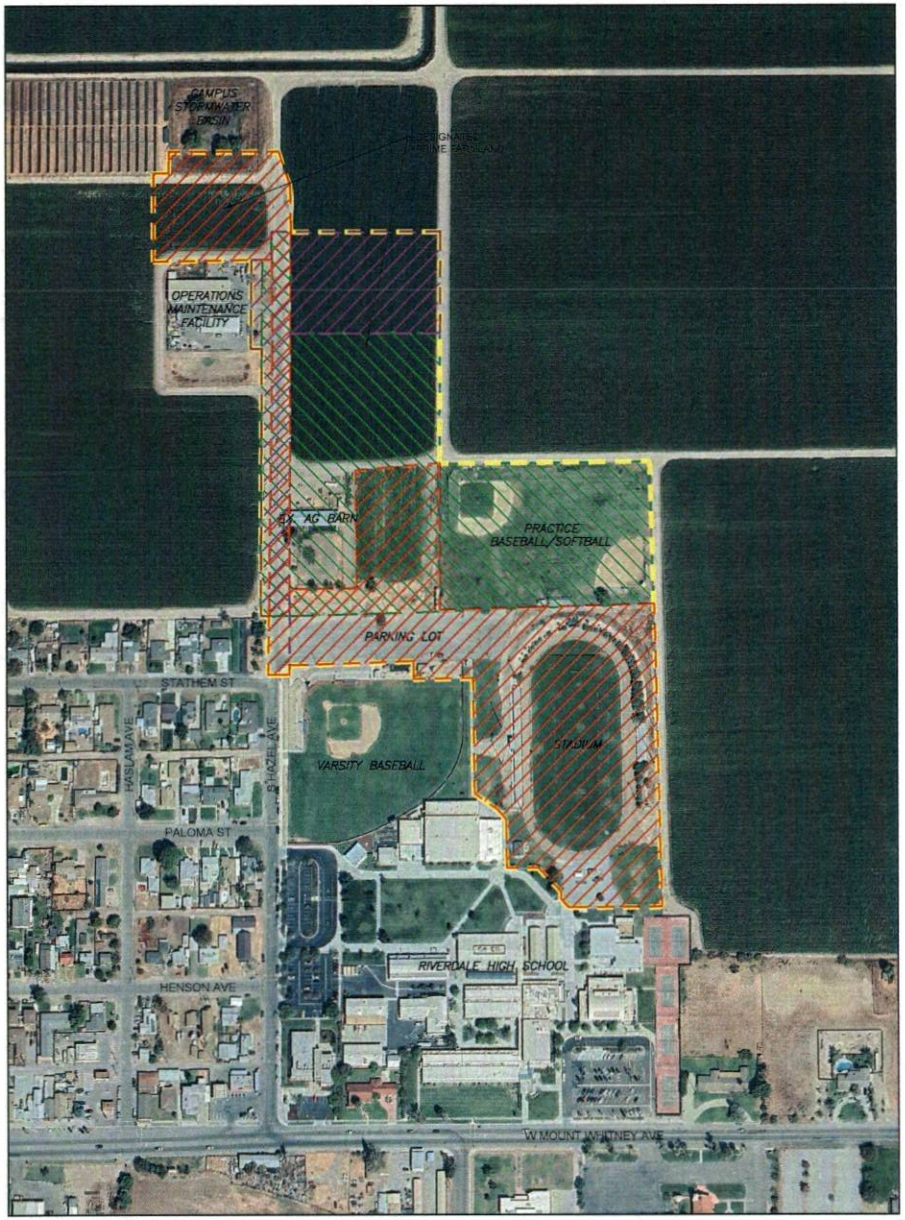
Fresno County Dept. PWP, Bureau of Land Management, Esri, HERE, Garmin, INCREMENT P, NGA, USGS

Project Location



Esri, HERE, Garmin, NGA, USGS, NPS

Figure 1: APE Maps



SYMBOL LEGEND:

- PROJECT SITE BOUNDARY
- PHASE 1 BOUNDARY/AREA
- PHASE 2 BOUNDARY/AREA
- PHASE 3 BOUNDARY/AREA

N

0 100 200 300 600
SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 1

Blair, Church & Flynn
CONSULTING ENGINEERS

CONSULTANT
Blair, Church & Flynn Consulting Engineers
461 Clovis Avenue, Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

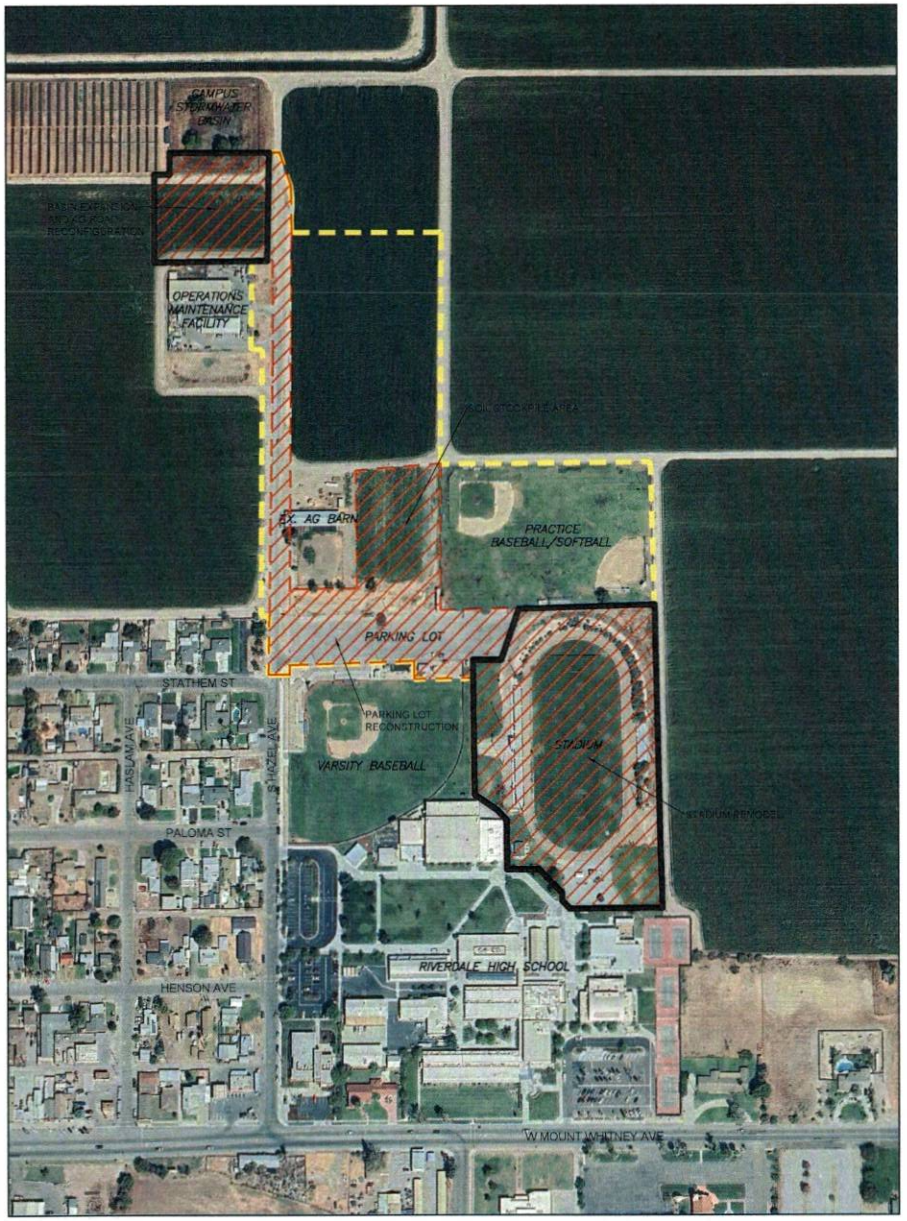
RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

TOTAL PROJECT LOCATION MAP

DR. BY	MG
CH. BY	JP
DATE	02-07-25
SCALE:	AS NOTED

SHEET NO. 1 OF 4 SHEETS

Drawing: P:\223-0246\Site\Exhibits\CEQA\223308_Riverdale HS CEQA Figures_2025-02-25.dwg, Master Plan Plot by: mgarnaro Feb 26, 2025 - 11:22am



SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 1 BOUNDARY/AREA

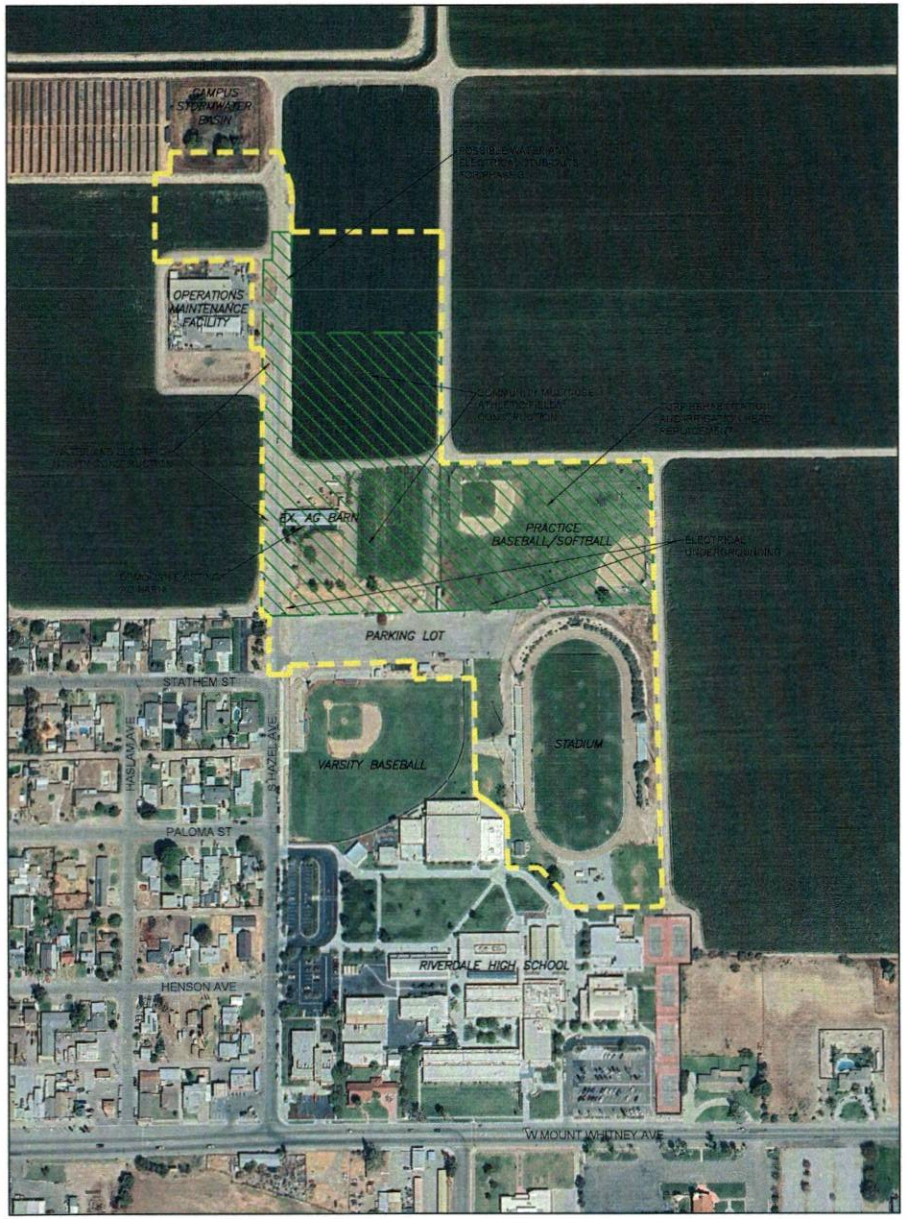
N

0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455			FIGURE: 2
Blair, Church & Flynn CONSULTING ENGINEERS	CONSULTANT Blair, Church & Flynn Consulting Engineers 481 Clovis Avenue, Suite 200 Clovis, California 93612 Tel (559) 326-1400 Fax (559) 326-1500	RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT	
		RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS PHASE 1 LOCATION MAP	DR. BY MG CH. BY JP DATE 02-07-25 SCALE: AS NOTED
			SHEET NO. 2 OF 4 SHEETS

Drawing: P:\223-024B\Site\Exhibits\CEQA\223308_Riverdale HS CEQA Figures_2025-02-26.dwg Phase 1 Plot by: mgarriano Feb 26, 2025 - 11:22am



SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 2 BOUNDARY/AREA

0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 3

Blair, Church & Flynn CONSULTING ENGINEERS

CONSULTANT

Blair, Church & Flynn Consulting Engineers
451 Clovis Avenue, Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

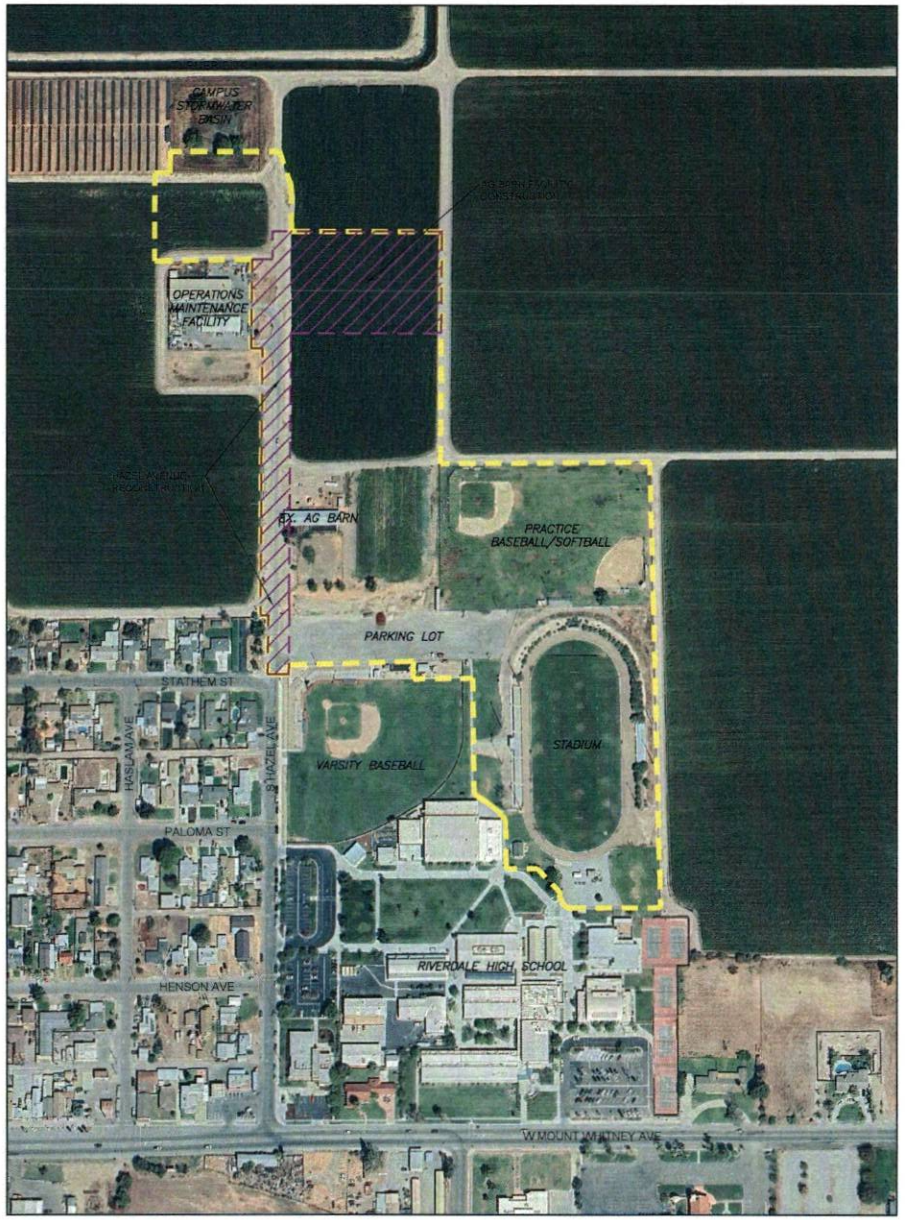
RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

PHASE 2 LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 3 OF 4 SHEETS

Drawing: P:\2025-0246\Site\Exhibits\CEQA\025306_Riverdale HS CEQA Figures_2025-02-26.dwg, Phase 2 Plot by: mgarnaro Feb 26, 2025 - 11:22am



SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 3 BOUNDARY/AREA

N

0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 4

Blair, Church & Flynn
CONSULTING ENGINEERS

CONSULTANT

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Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

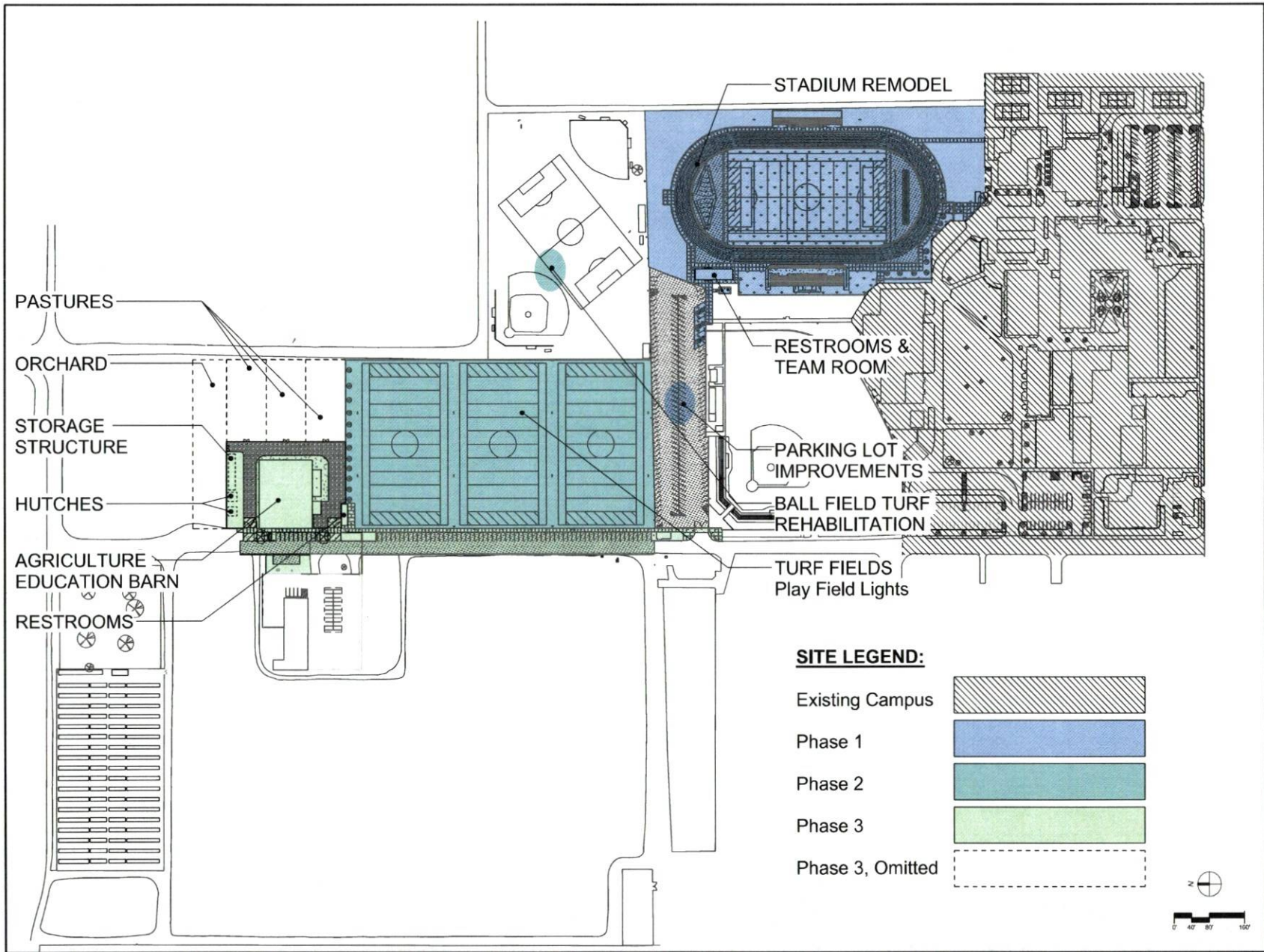
RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

PHASE 3 LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 4 OF 4 SHEETS

Figure 2: Schematic Plans



THESE SIGNATURES REFLECT THE ACCEPTANCE OF THE INFORMATION SHOWN ON THIS DRAWING FOR THE COMPLETION OF THE SCHEMATIC DESIGN PHASE AND TO ALLOW WORK ON THE CONSTRUCTION DOCUMENTS TO PROCEED.

Approval

Riverdale High School - Athletic Improvements

Riverdale Joint Unified School District

Riverdale, CA 93656

Darden Project Number: 2272

Date: 01/06/2025

Project Information

ARCHITECTURE PLANNING INTERIORS

Architect

PROJECT PHASING PLAN

Phase

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ARCHITECTURE • PLANNING • INTERIORS

1/6/2025 11:32:08 AM
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March 3, 2025

Santa Rosa Rancheria Tachi Yokut Tribe
Nichole Escalon, Cultural Specialist I
P.O. Box 8
Lemoore, CA, 93245

Re: Riverdale High School Facility Improvements Project

Dear Nichole Escalon, Cultural Specialist I,

Riverdale Joint Unified School District (District) is proposing to construct the Riverdale High School Facility Improvements Project ("Project") on the Riverdale High School campus, in Riverdale, California. The District is preparing an Initial Study to identify potential environmental impacts resulting from the Project according to the California Environmental Quality Act (CEQA), California Public Resources Code Section 21080. As a part of the Initial Study preparation and pursuant to Assembly Bill 52, the District is respectfully requesting consultation with the Santa Rosa Rancheria Tachi Yokut Tribe.

The District welcomes you to be a consulting party and help identify tribal cultural resources in the project area that may have religious and cultural significance, and if such resources exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss ways to avoid, minimize, or mitigate potential adverse effects.

The proposed project site is in Township 17S, Range 19E, Section 24 at approximately 36° 26' 56" N, 119° 51' 23" W. The Area of Potential Effect (APE) is approximately 25.54 acres northeast of the intersection of W. Mount Whitney Avenue and S. Hazel Avenue in the Census-designated community of Riverdale, in Fresno County, California (APN: 053-130-12T, and 053-130-82T). Enclosed are Figures 1 and 2 that show the project location, and APE.

Project Description

The District proposes to renovate the football/soccer and track stadium, reconstruct the parking lot and the Agriculture Barn Education Facility (Ag Barn); construct new community multi-use athletic fields, and improve a section of S. Hazel Avenue. Work would be completed in three phases. The exact division of work to be completed in each phase is unknown and would depend on available funding and construction costs. A description of each phase is described as follows:

Phase 1 – Football/Soccer Stadium and Track Remodel

The Phase 1 site is on approximately 14.1 acres. The remodeled football/soccer stadium and track would be about 5.5 acres. Remodeling would include removing the existing soil berms and trees surrounding the track, demolition of stadium seats (with approximately 2,000 home and 500 visitor bench seats), and adding new aluminum stadium bleacher stands (with 1,500 home seats and 500 visitor seats). The football/soccer field would be regraded, planted with turf grass, and receive new irrigation systems. Other improvements would include the installation of a 9-lane rubber-surface 400-meter track, and track and field facilities (including long jump, triple jump, high jump, shot put, and discus). Stadium perimeter fencing, and landscaping improvements would be included. A new 1,400 sq. ft. +/- building to house a training room, snack bar, ticket window, and toilet facilities would be constructed. Eight existing 70 feet tall stadium lights would be removed, and four 90 feet tall stadium lights would be added. The existing public bathroom would be demolished, and a new 520 sq. ft. bathroom building would be constructed immediately south of the existing parking lot. Phase 1 would also include rehabilitation of the existing 1.6-acre north campus parking lot, four parking stalls would be designated as accessible parking space and be marked with appropriate signage (see schematic plans in Figure 3).

New utilities, including electrical, sewer, water, storm drain, and irrigation would be installed. All utilities would connect to existing campus utility systems. Storm drain utilities would connect to the campus underground stormwater conveyance system, which discharges to the campus stormwater retention basin that is located about 1,500 ft north of the intersection of Stathem St. and S. Hazel Ave., on the west side of S. Hazel Avenue. This basin would be expanded to the south. An area, about 1.08 acres of existing farmland south of the basin would be cleared and excavated to expand the existing stormwater basin and reroute the existing farm road. Additionally, based on pending hydraulic analysis, the existing stormwater main under S. Hazel Avenue may need to be excavated, removed, and replaced with an upsized pipe for approximately 1,300 feet starting from the intersection of Stathem St. and S. Hazel Avenue extending north. If the existing stormwater main under Hazel Avenue must be upsized, additional stub-out stormwater pipeline connections would be constructed along Hazel Avenue for the future curb and gutter drain inlets and the Ag Barn proposed for Phase 3.

Soil removed from the existing soil berms surrounding the stadium and the stormwater basin would be moved and stockpiled to an area (1.7 acres) located east of the existing Ag Barn. This soil would be stored until it is used as fill material for Phase 2, the new Multi-Use Community Athletic Fields.

Phase 2 – Multi-Use Community Athletic Fields

Phase 2 site is on approximately 10.8 acres. Phase 2 would include grading and planting turf grass on about six (6) acres of new athletics fields, located north of the existing parking lot and west of the existing baseball/softball practice fields. The multi-use fields would include six to eight 30-ft tall pole 'practice' lights, electrical systems, irrigation systems, and a tree row at the north perimeter of the new fields. The existing Ag Barn and surrounding area would be demolished and cleared. Farther north,

approximately 2.6 acres of agricultural land, (owned and leased out by the District), would be cleared. New connections for irrigation water would be constructed to the existing water line under S. Hazel Avenue. Approximately 685 feet of new electrical conduit would be constructed from the intersection of Stathem St. and S. Hazel Avenue and extend north to provide electrical power for the multi-use fields. An additional 180 feet of stub-out electrical conduit may also be constructed extending further north to be used for the future Phase 3 Ag Barn.

Approximately 660 feet of overhead electrical utilities spanning west to east from S. Hazel Avenue along the north side of the parking lot to the north side of the stadium would be removed and replaced with underground electrical lines. Trenching for the undergrounding of electrical lines would disturb a 0.3-acre area of soil. A new electrical transformer and irrigation control station would be installed at the west end of the parking lot, or the southwest corner of the existing practice baseball/softball fields.

Phase 2 would also include turf grass rehabilitation for the 4.55-acre practice baseball/softball fields. The existing turf grass would be stripped and replaced with new turf grass, and new irrigation spray heads would be installed.

Phase 3 – New Ag Barn Facility

Phase 3 would include an approximately 4.41 acres site. Phase 3 would a new Ag Barn on 3 acres located across S. Hazel Avenue from the existing Maintenance Operations Facility. The Ag Barn building is approximately 18,470 sq. ft. and would be used for housing animals for educational purposes. The size of the Ag Barn building may be reduced to align with available funding. The surrounding facility would include about 12 parking stalls, concrete sidewalks, gravel access roads, and landscaped areas. Based on available funds, chicken hutches, a shade structure, orchards, and a pasture field may be constructed. Approximately 3 acres of land currently planted as wheat fields (owned and leased out by the District) would be cleared to construct the new Ag Barn Facility. Sewer, water, electrical, and stormwater utility connections would connect to mains located under S. Hazel Avenue.

Phase 3 would also include road improvements to Hazel Avenue, starting at the intersection of Stathem St. and Hazel Ave., extending 970 feet to the north. This area, approximately 1.41 acres, along S. Hazel Ave. would be demolished and reconstructed with new stormwater drain inlets and 62 parking stalls on the east side. These parking stalls would be oversized for large vehicle parking, 10-feet wide x 20-feet deep. Approximately 865 feet of new sidewalk would be constructed along the east side of S. Hazel Avenue. A 700 sq. ft. +/- community toilet building would be added at the northwest corner of the new multi-use fields and connected to the existing sewer main under Hazel Avenue. The toilet building will serve the community fields and the Phase 3 Ag Farm.

Closing Remarks

If you would like to be a consulting party on this project, please let us know of your interest as soon as possible, but no later than 30 days after receipt of this letter. Please include in your reply the name and

contact information for the tribe's principal representative in the consultation. If you do not wish to consult on this project, please inform us.

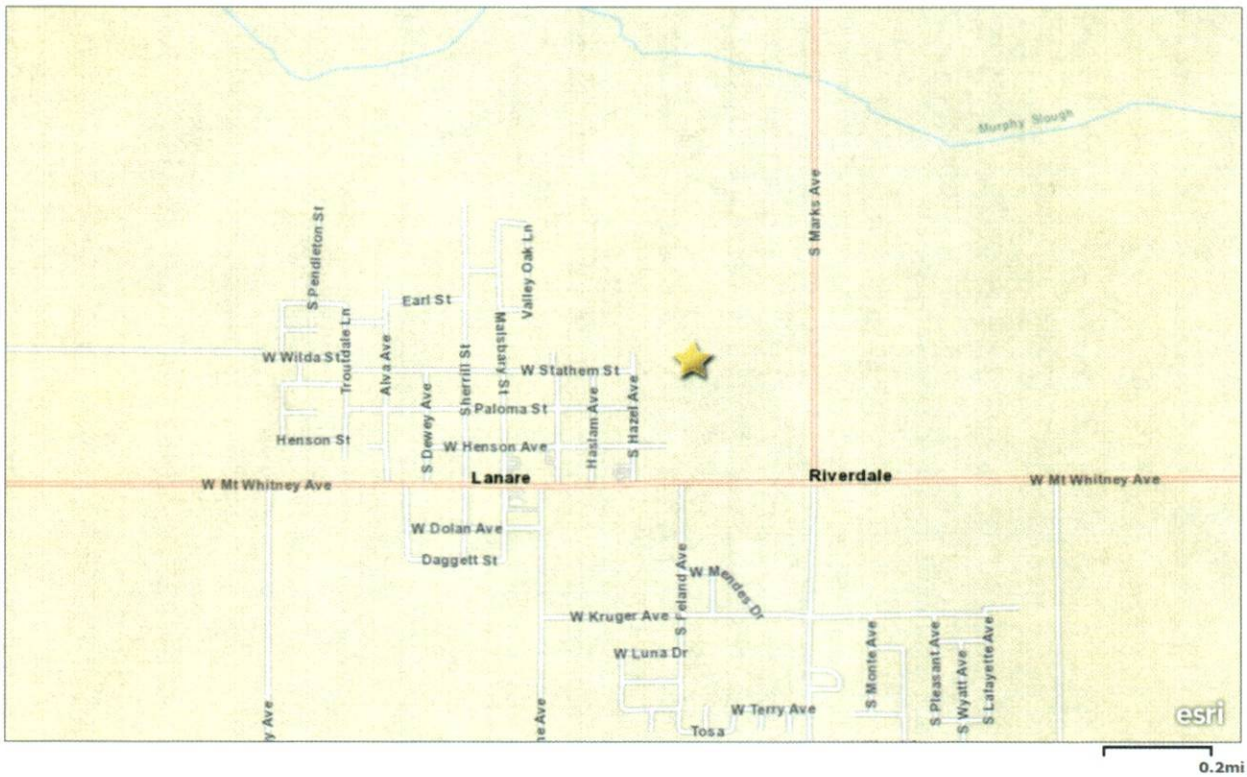
Please feel free to email your reply to me at the following address: jpercell@rjusd.org. If you have any questions about the project, please let me know.

I look forward to hearing from you soon.

Sincerely,

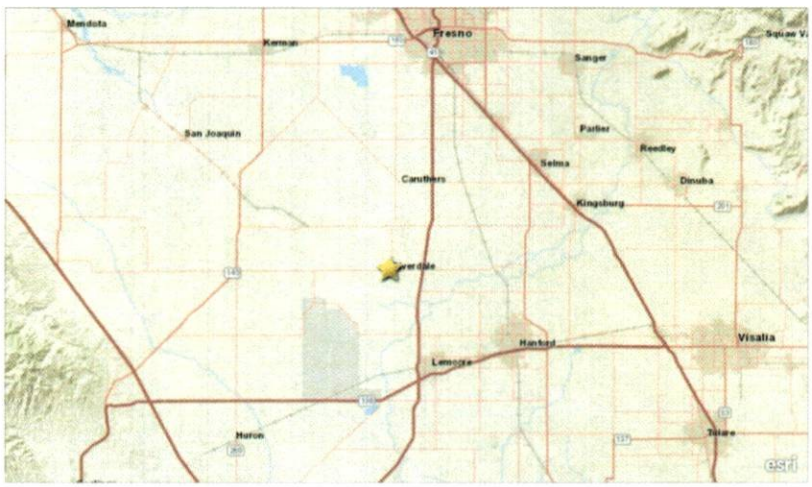
Riverdale Joint Unified School District
Jeff Percell
Superintendent
(559) 867-8200
jpercell@rjusd.org

Figure 1: Location Maps



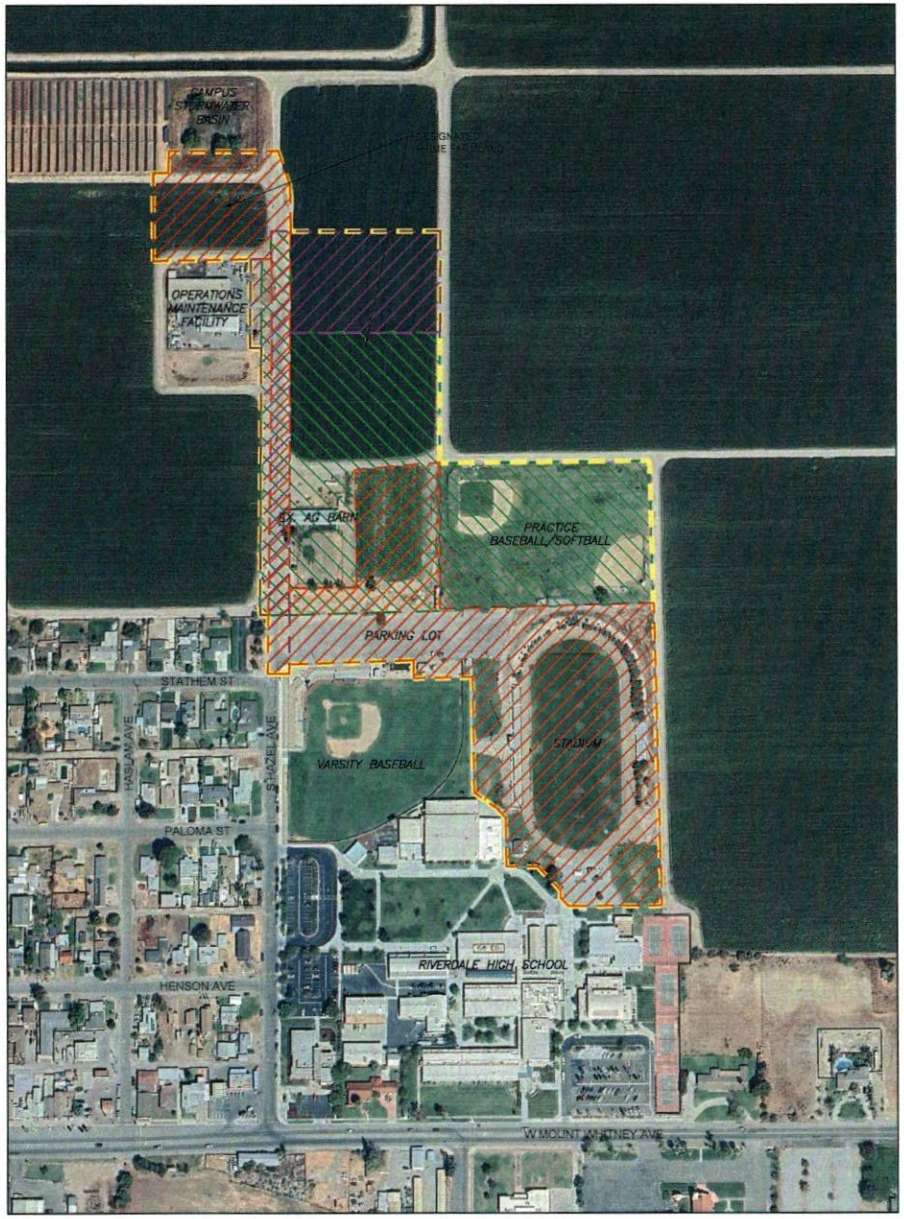
Fresno County Dept. PWP, Bureau of Land Management, Esri, HERE, Garmin, INCREMENT P, NGA, USGS

Project Location



Esri, HERE, Garmin, NGA, USGS, NPS

Figure 1: APE Maps



SYMBOL LEGEND:

- PROJECT SITE BOUNDARY
- PHASE 1 BOUNDARY/AREA
- PHASE 2 BOUNDARY/AREA
- PHASE 3 BOUNDARY/AREA

N

0 100 200 300 600
SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 1

Blair, Church & Flynn CONSULTING ENGINEERS

CONSULTANT
Blair, Church & Flynn Consulting Engineers
401 Clovis Avenue, Suite 300
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

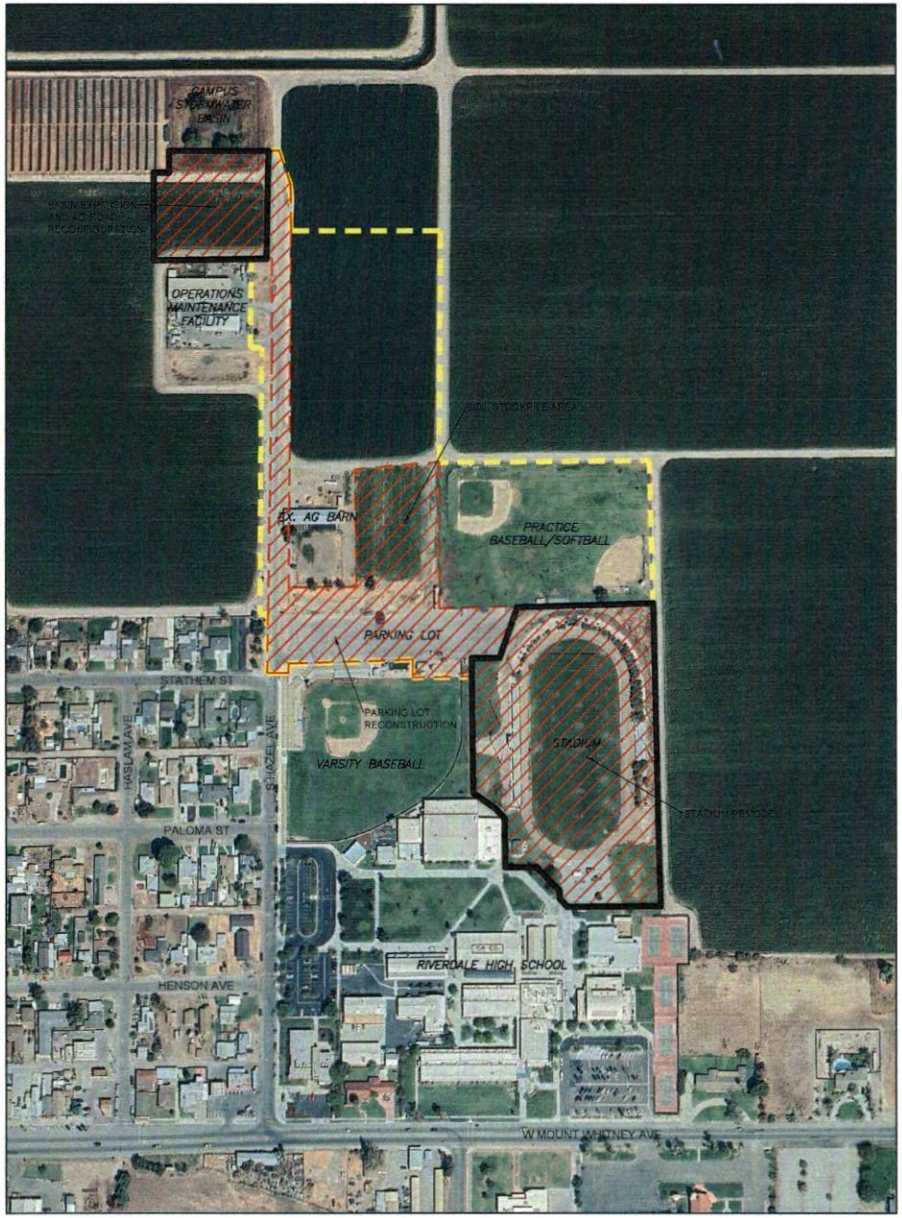
RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

TOTAL PROJECT LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 1
OF 4 SHEETS

Drawing: P:\223-024\BStar\Exhibits\CEQA\223308_Riverdale HS CEQA Figures_2025-02-26.dwg, Master Plan Plot by: mgunnars Feb 26, 2025 - 11:22am



SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 1 BOUNDARY/AREA

N

0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 2

Blair, Church & Flynn CONSULTING ENGINEERS

CONSULTANT

Blair, Church & Flynn Consulting Engineers
481 Clovis Avenue, Suite 200
Clovis, California 93612
Tel (559) 326-5400
Fax (559) 326-5500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

PHASE 1 LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 2
OF 4 SHEETS

Drawing: P:\223-024R\Site\Exhibits\CEQA\221308_Riverdale HS CEQA Figures_2023-02-28.dwg, Phase 1 Plot by: mgarrison Feb 28, 2025 - 11:22am

SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 2 BOUNDARY/AREA

N

0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 3

Blair, Church & Flynn CONSULTING ENGINEERS

CONSULTANT

Blair, Church & Flynn Consulting Engineers
481 Clovis Avenue, Suite 300
Clovis, California 93613
Tel (559) 326-1400
Fax (559) 326-1500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

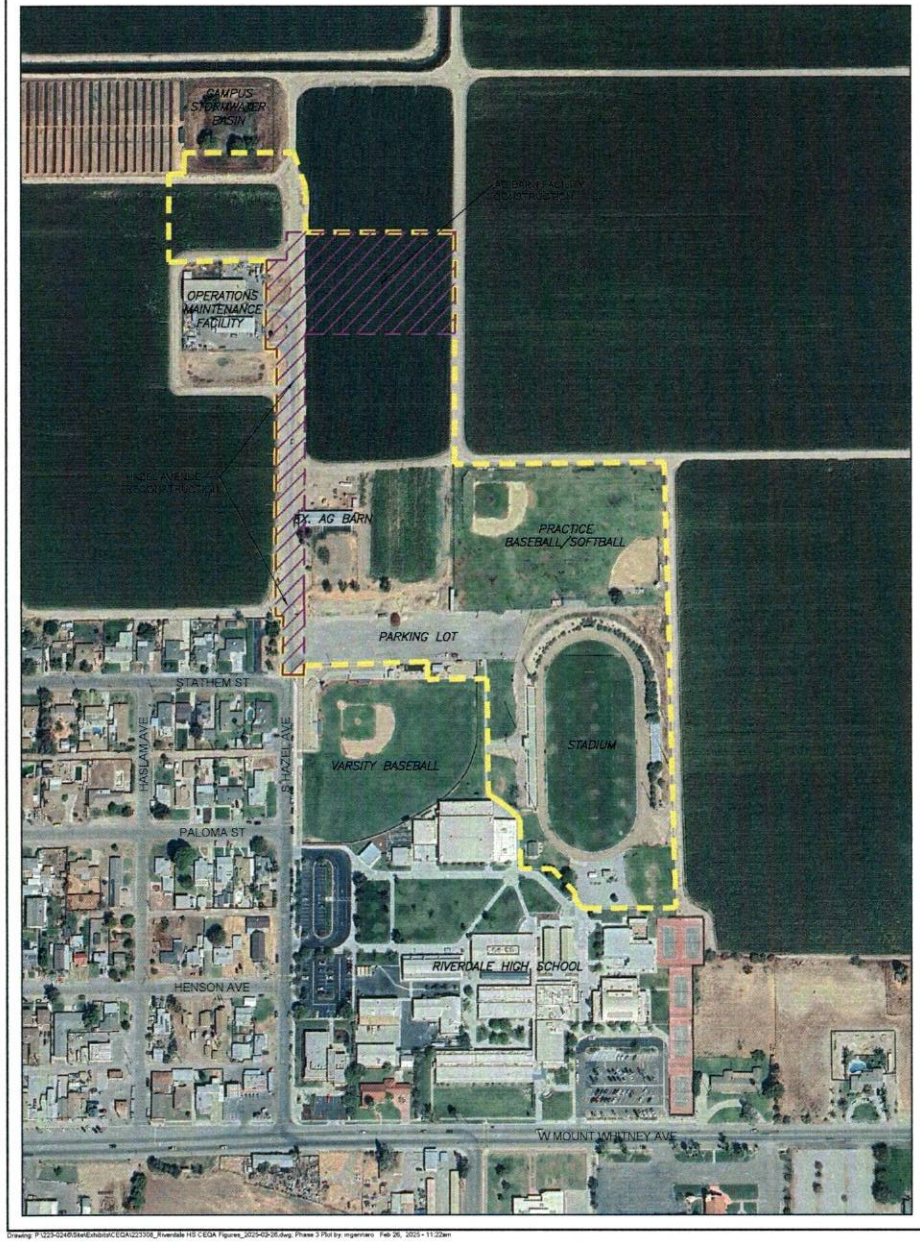
RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

PHASE 2 LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 3
OF 4 SHEETS

Drawing: P:\223-024R\Site\Exhibits\CEQA\223024_Riverdale HS CEQA Figures_2025-02-26.dwg, Phase 2 Plot by: mgammon Feb 26, 2025 - 11:22am



SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 3 BOUNDARY/AREA

0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 4

Blair, Church & Flynn CONSULTING ENGINEERS

CONSULTANT

Blair, Church & Flynn Consulting Engineers
451 Clovis Avenue, Suite 200
Clovis, California 93612
Tel (559) 326-5400
Fax (559) 326-5500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

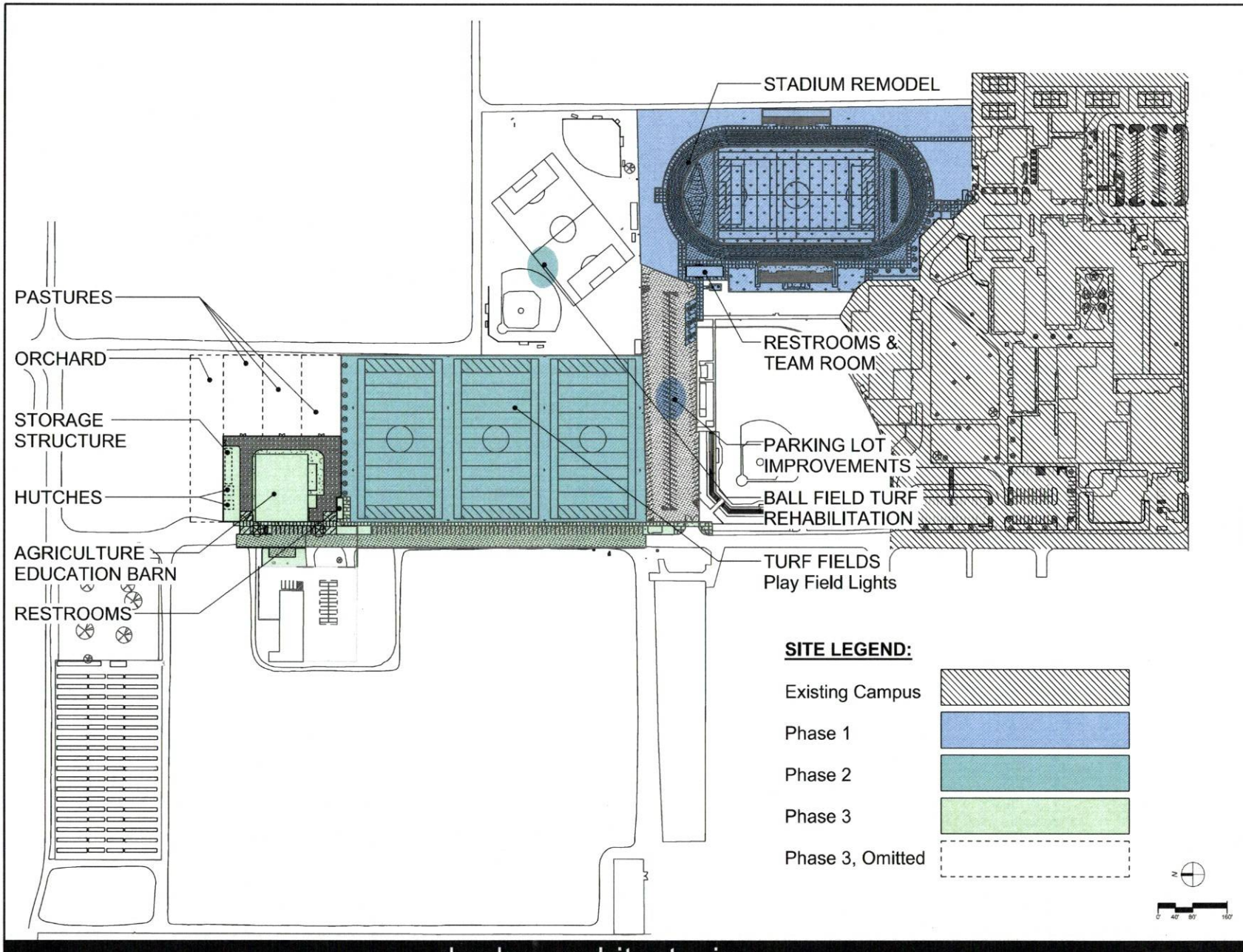
PHASE 3 LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 4 OF 4 SHEETS

Drawing: P:\223-0240\Site\Exhibits\CEQA\223308_Riverdale HS CEQA Figures_2025-02-26.dwg; Phase 3 Plot by: mgennaro Feb 26, 2025 - 11:22am

Figure 2: Schematic Plans



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Approval

Riverdale High School - Athletic Improvements

Riverdale Joint Unified School District

Riverdale, CA 93656

Darden Project Number: 2272

Date: 01/06/2025

Project Information

ARCHITECTURE
PLANNING
INTERIORS
www.dardenarchitects.com
6799 N. West Ave. • Fresno, CA 93711 • T. 559.449.8251
Architect

PROJECT PHASING PLAN

Phase

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ARCHITECTURE • PLANNING • INTERIORS

1/6/2025 11:32:08 AM
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March 3, 2025

Table Mountain Rancheria
Michelle Heredia-Cordova, Chairperson
P.O. Box 410
Friant, CA, 93626

Re: Riverdale High School Facility Improvements Project

Dear Chairperson Michelle Heredia-Cordova,

Riverdale Joint Unified School District (District) is proposing to construct the Riverdale High School Facility Improvements Project ("Project") on the Riverdale High School campus, in Riverdale, California. The District is preparing an Initial Study to identify potential environmental impacts resulting from the Project according to the California Environmental Quality Act (CEQA), California Public Resources Code Section 21080. As a part of the Initial Study preparation and pursuant to Assembly Bill 52, the District is respectfully requesting consultation with the Table Mountain Rancheria.

The District welcomes you to be a consulting party and help identify tribal cultural resources in the project area that may have religious and cultural significance, and if such resources exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss ways to avoid, minimize, or mitigate potential adverse effects.

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Closing Remarks

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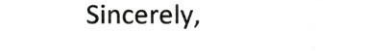
contact information for the tribe's principal representative in the consultation. If you do not wish to consult on this project, please inform us.

Please feel free to email your reply to me at the following address: jpercell@rjusd.org. If you have any questions about the project, please let me know.

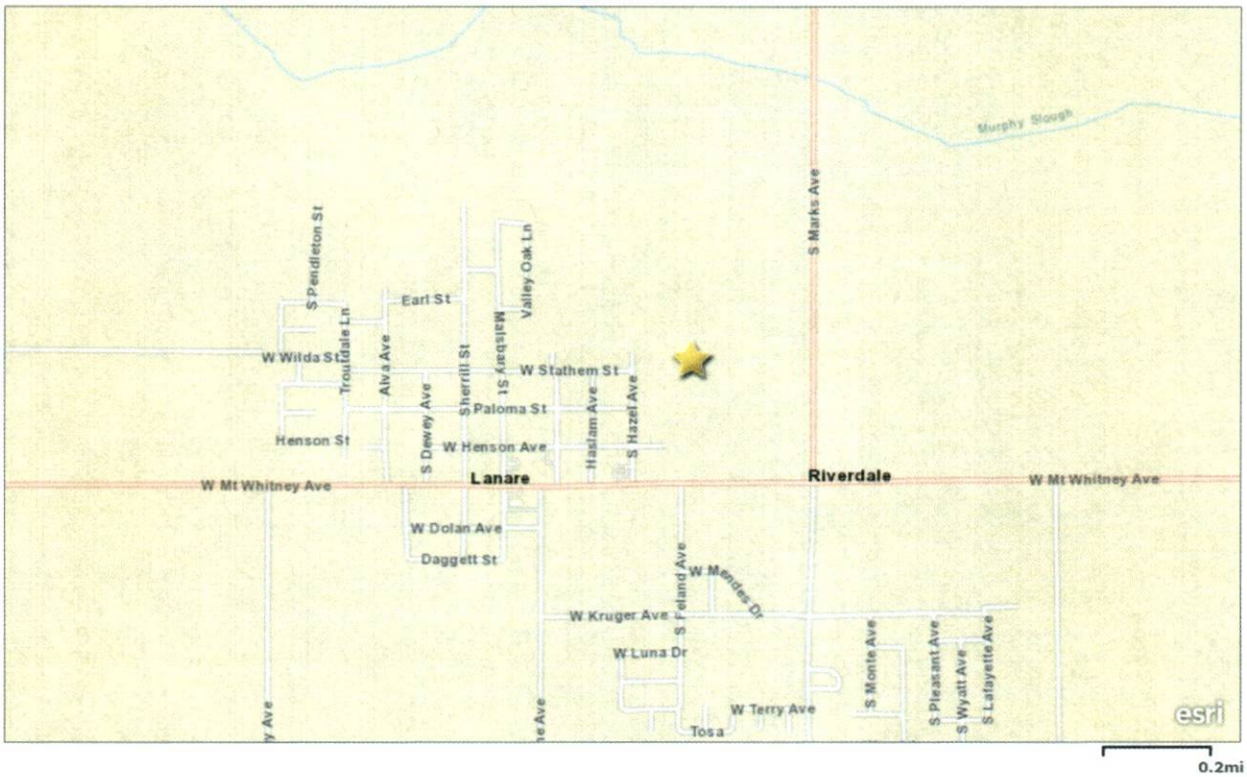
I look forward to hearing from you soon.

Sincerely,



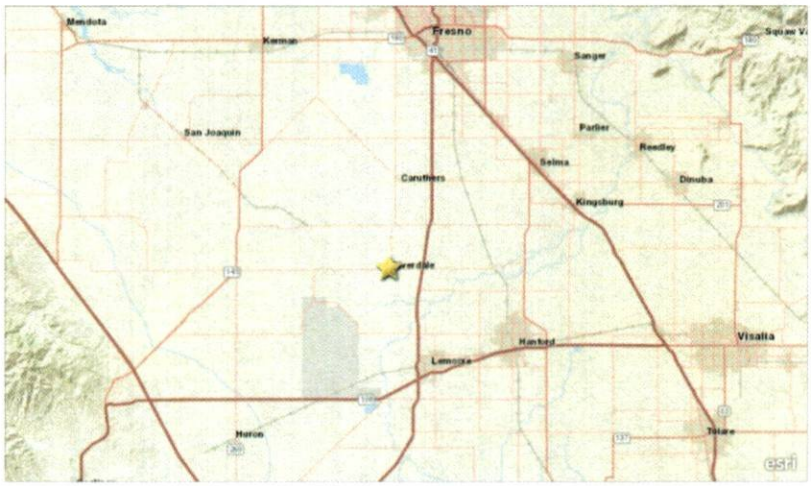
Riverdale Joint Unified School District
Jeff Percell
Superintendent
(559) 867-8200
jpercell@rjusd.org

Figure 1: Location Maps



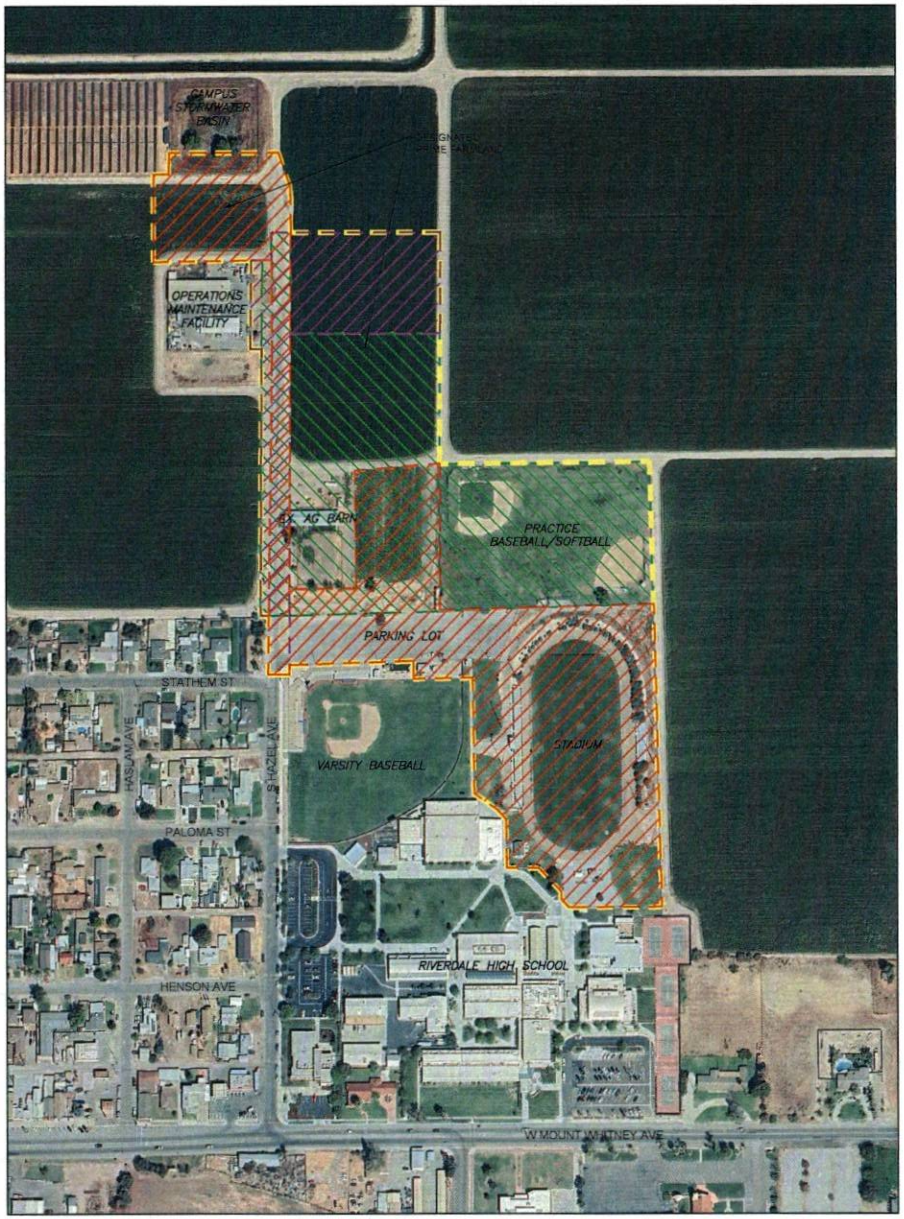
Fresno County Dept. PWP, Bureau of Land Management, Esri, HERE, Garmin, INCREMENT P, NGA, USGS

Project Location



Esri, HERE, Garmin, NGA, USGS, NPS

Figure 1: APE Maps



SYMBOL LEGEND:

- PROJECT SITE BOUNDARY
- PHASE 1 BOUNDARY/AREA
- PHASE 2 BOUNDARY/AREA
- PHASE 3 BOUNDARY/AREA

N

0 100 200 300 600
SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 1

Blair, Church & Flynn CONSULTING ENGINEERS

CONSULTANT
Blair, Church & Flynn Consulting Engineers
401 Clovis Avenue, Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

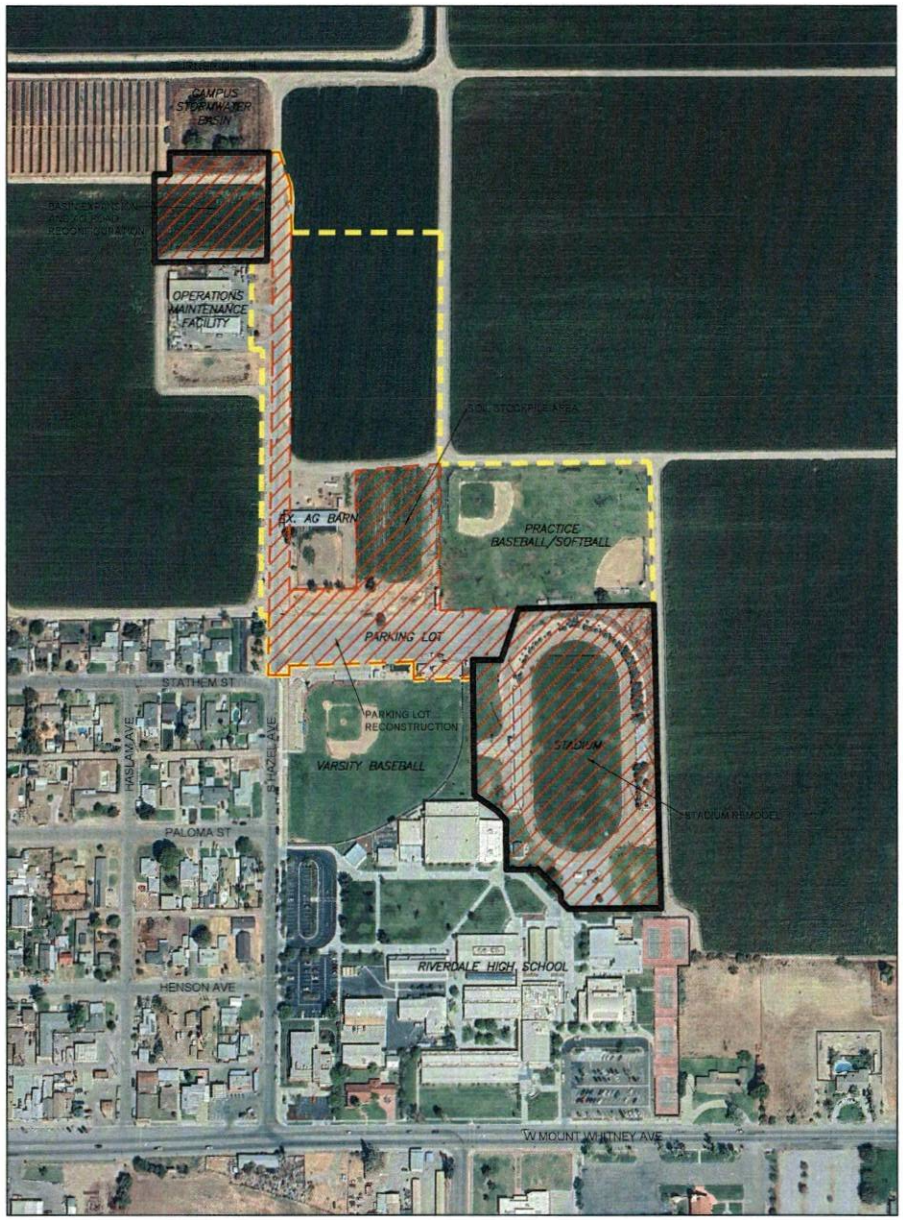
RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

TOTAL PROJECT LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 1
OF 4 SHEETS

Drawing: P:\223-0248\Bid\Exhibits\CEQA\223308_Riverdale HS CEQA Figures_2025-02-26.dwg; Master Plan Plot by: mgannaro Feb 26, 2025 - 11:23am



SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 1 BOUNDARY/AREA

N

0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 2

Blair, Church & Flynn CONSULTING ENGINEERS

CONSULTANT

Blair, Church & Flynn Consulting Engineers
451 Clovis Avenue, Suite 200
Clovis, California 93612
Tel (559) 326-5400
Fax (559) 326-5500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

PHASE 1 LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 2
OF 4 SHEETS

Drawing: P:\223-024\GIS\ArcExhibits\CEQA\223008_Riverdale HS CEQA Figures_2025-02-26.dwg: Phase 1 Plot by: mgennaro Feb 26, 2025 - 11:20am

SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 2 BOUNDARY/AREA

N

0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 3

Blair, Church & Flynn
CONSULTING ENGINEERS

CONSULTANT
Blair, Church & Flynn Consulting Engineers
481 Clovis Avenue, Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

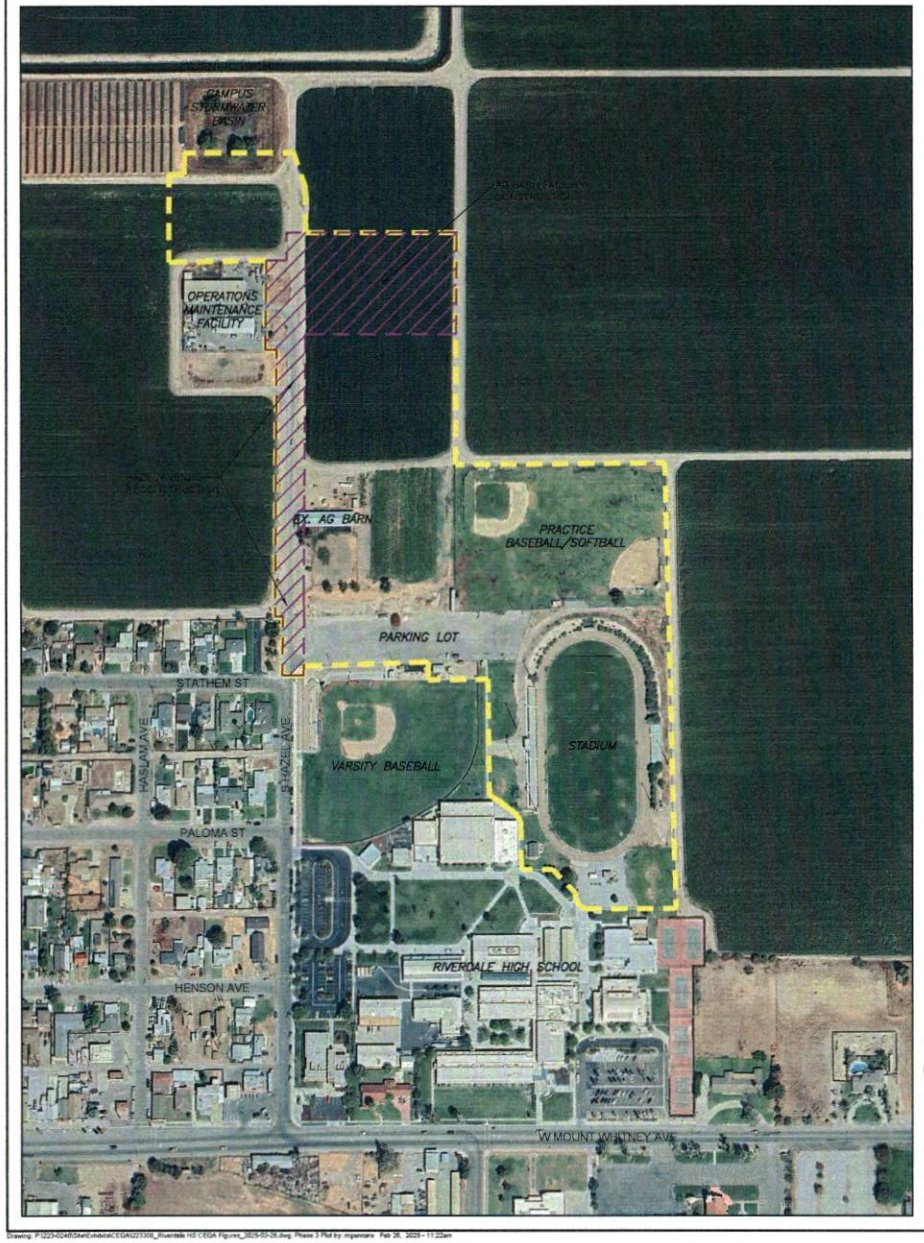
RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

PHASE 2 LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 3 OF 4 SHEETS



SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 3 BOUNDARY/AREA

N

0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 4

Blair, Church & Flynn
CONSULTING ENGINEERS

CONSULTANT
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Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

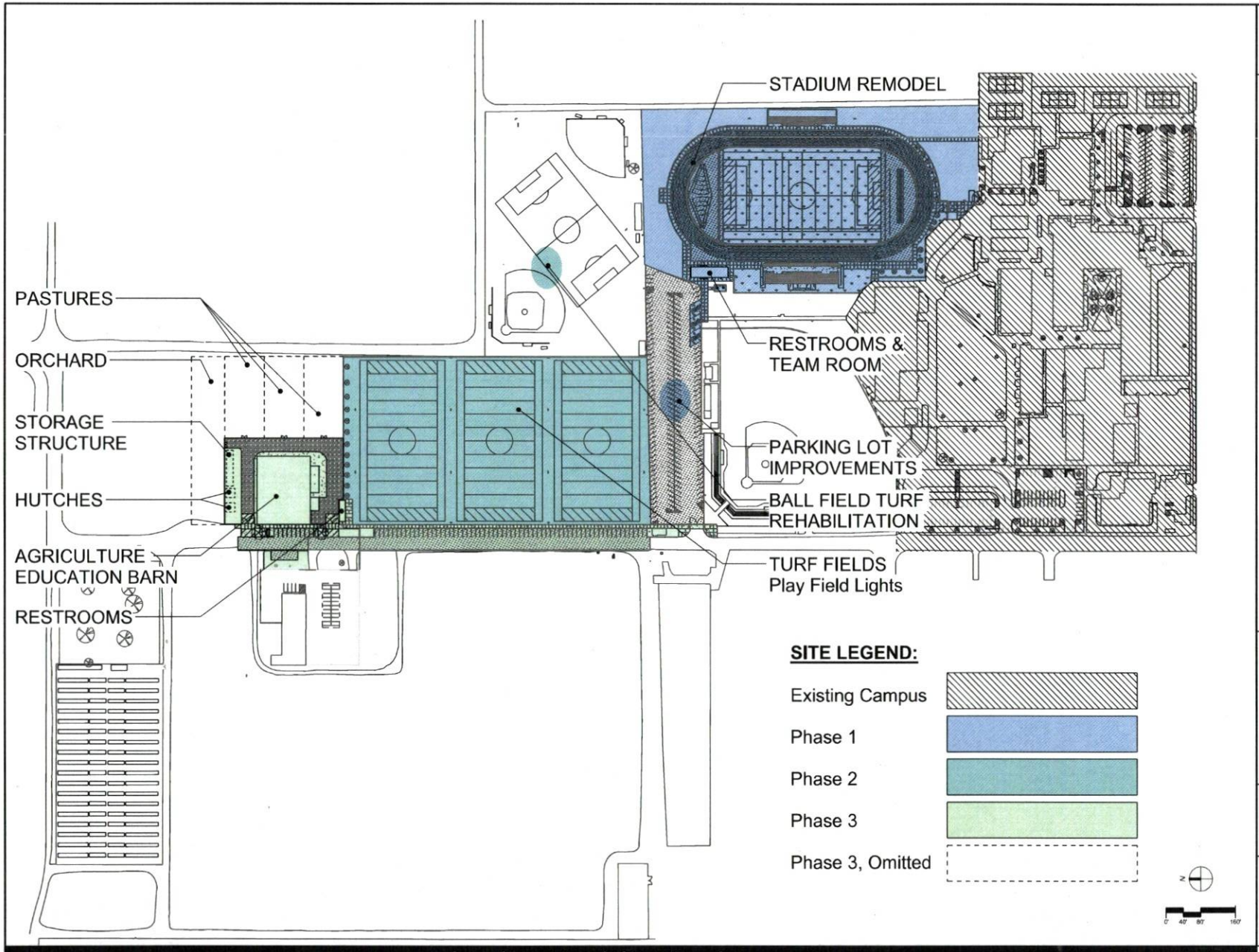
PHASE 3 LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 4 OF 4 SHEETS

Drawing: P:\223-0246\Site\Exhibits\CEQA\223308_Riverdale HS CEQA Figures_2025-02-26.dwg; Phase 3 Plot by: mgiannaro Feb 26, 2025 - 11:22am

Figure 2: Schematic Plans



THESE SIGNATURES REFLECT THE ACCEPTANCE OF THE INFORMATION SHOWN ON THIS DRAWING FOR THE COMPLETION OF THE SCHEMATIC DESIGN PHASE AND TO ALLOW WORK ON THE CONSTRUCTION DOCUMENTS TO PROCEED.

Approval

Riverdale High School - Athletic Improvements

Riverdale Joint Unified School District

Riverdale, CA 93656

Darden Project Number: 2272

Date: 01/06/2025

Project Information

ARCHITECTURE PLANNING INTERIORS

Architect

PROJECT PHASING PLAN

Phase

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ARCHITECTURE • PLANNING • INTERIORS

March 3, 2025

Tule River Indian Tribe
Neil Peyron, Chairperson
P.O. Box 589
Porterville, CA, 93258

Re: Riverdale High School Facility Improvements Project

Dear Chairperson Neil Peyron,

Riverdale Joint Unified School District (District) is proposing to construct the Riverdale High School Facility Improvements Project ("Project") on the Riverdale High School campus, in Riverdale, California. The District is preparing an Initial Study to identify potential environmental impacts resulting from the Project according to the California Environmental Quality Act (CEQA), California Public Resources Code Section 21080. As a part of the Initial Study preparation and pursuant to Assembly Bill 52, the District is respectfully requesting consultation with the Tule River Indian Tribe

.

The District welcomes you to be a consulting party and help identify tribal cultural resources in the project area that may have religious and cultural significance, and if such resources exist, to help assess how the project might affect them. If the project might have an adverse effect, we would like to discuss ways to avoid, minimize, or mitigate potential adverse effects.

The proposed project site is in Township 17S, Range 19E, Section 24 at approximately 36° 26' 56" N, 119° 51' 23" W. The Area of Potential Effect (APE) is approximately 25.54 acres northeast of the intersection of W. Mount Whitney Avenue and S. Hazel Avenue in the Census-designated community of Riverdale, in Fresno County, California (APN: 053-130-12T, and 053-130-82T). Enclosed are Figures 1 and 2 that show the project location, and APE.

Project Description

The District proposes to renovate the football/soccer and track stadium, reconstruct the parking lot and the Agriculture Barn Education Facility (Ag Barn); construct new community multi-use athletic fields, and improve a section of S. Hazel Avenue. Work would be completed in three phases. The exact division of work to be completed in each phase is unknown and would depend on available funding and construction costs. A description of each phase is described as follows:

Phase 1 – Football/Soccer Stadium and Track Remodel

The Phase 1 site is on approximately 14.1 acres. The remodeled football/soccer stadium and track would be about 5.5 acres. Remodeling would include removing the existing soil berms and trees surrounding the track, demolition of stadium seats (with approximately 2,000 home and 500 visitor bench seats), and adding new aluminum stadium bleacher stands (with 1,500 home seats and 500 visitor seats). The football/soccer field would be regraded, planted with turf grass, and receive new irrigation systems. Other improvements would include the installation of a 9-lane rubber-surface 400-meter track, and track and field facilities (including long jump, triple jump, high jump, shot put, and discus). Stadium perimeter fencing, and landscaping improvements would be included. A new 1,400 sq. ft. +/- building to house a training room, snack bar, ticket window, and toilet facilities would be constructed. Eight existing 70 feet tall stadium lights would be removed, and four 90 feet tall stadium lights would be added. The existing public bathroom would be demolished, and a new 520 sq. ft. bathroom building would be constructed immediately south of the existing parking lot. Phase 1 would also include rehabilitation of the existing 1.6-acre north campus parking lot, four parking stalls would be designated as accessible parking space and be marked with appropriate signage (see schematic plans in Figure 3).

New utilities, including electrical, sewer, water, storm drain, and irrigation would be installed. All utilities would connect to existing campus utility systems. Storm drain utilities would connect to the campus underground stormwater conveyance system, which discharges to the campus stormwater retention basin that is located about 1,500 ft north of the intersection of Stathem St. and S. Hazel Ave., on the west side of S. Hazel Avenue. This basin would be expanded to the south. An area, about 1.08 acres of existing farmland south of the basin would be cleared and excavated to expand the existing stormwater basin and reroute the existing farm road. Additionally, based on pending hydraulic analysis, the existing stormwater main under S. Hazel Avenue may need to be excavated, removed, and replaced with an upsized pipe for approximately 1,300 feet starting from the intersection of Stathem St. and S. Hazel Avenue extending north. If the existing stormwater main under Hazel Avenue must be upsized, additional stub-out stormwater pipeline connections would be constructed along Hazel Avenue for the future curb and gutter drain inlets and the Ag Barn proposed for Phase 3.

Soil removed from the existing soil berms surrounding the stadium and the stormwater basin would be moved and stockpiled to an area (1.7 acres) located east of the existing Ag Barn. This soil would be stored until it is used as fill material for Phase 2, the new Multi-Use Community Athletic Fields.

Phase 2 – Multi-Use Community Athletic Fields

Phase 2 site is on approximately 10.8 acres. Phase 2 would include grading and planting turf grass on about six (6) acres of new athletics fields, located north of the existing parking lot and west of the existing baseball/softball practice fields. The multi-use fields would include six to eight 30-ft tall pole 'practice' lights, electrical systems, irrigation systems, and a tree row at the north perimeter of the new fields. The existing Ag Barn and surrounding area would be demolished and cleared. Farther north,

approximately 2.6 acres of agricultural land, (owned and leased out by the District), would be cleared. New connections for irrigation water would be constructed to the existing water line under S. Hazel Avenue. Approximately 685 feet of new electrical conduit would be constructed from the intersection of Stathem St. and S. Hazel Avenue and extend north to provide electrical power for the multi-use fields. An additional 180 feet of stub-out electrical conduit may also be constructed extending further north to be used for the future Phase 3 Ag Barn.

Approximately 660 feet of overhead electrical utilities spanning west to east from S. Hazel Avenue along the north side of the parking lot to the north side of the stadium would be removed and replaced with underground electrical lines. Trenching for the undergrounding of electrical lines would disturb a 0.3-acre area of soil. A new electrical transformer and irrigation control station would be installed at the west end of the parking lot, or the southwest corner of the existing practice baseball/softball fields.

Phase 2 would also include turf grass rehabilitation for the 4.55-acre practice baseball/softball fields. The existing turf grass would be stripped and replaced with new turf grass, and new irrigation spray heads would be installed.

Phase 3 – New Ag Barn Facility

Phase 3 would include an approximately 4.41 acres site. Phase 3 would a new Ag Barn on 3 acres located across S. Hazel Avenue from the existing Maintenance Operations Facility. The Ag Barn building is approximately 18,470 sq. ft. and would be used for housing animals for educational purposes. The size of the Ag Barn building may be reduced to align with available funding. The surrounding facility would include about 12 parking stalls, concrete sidewalks, gravel access roads, and landscaped areas. Based on available funds, chicken hutches, a shade structure, orchards, and a pasture field may be constructed. Approximately 3 acres of land currently planted as wheat fields (owned and leased out by the District) would be cleared to construct the new Ag Barn Facility. Sewer, water, electrical, and stormwater utility connections would connect to mains located under S. Hazel Avenue.

Phase 3 would also include road improvements to Hazel Avenue, starting at the intersection of Stathem St. and Hazel Ave., extending 970 feet to the north. This area, approximately 1.41 acres, along S. Hazel Ave. would be demolished and reconstructed with new stormwater drain inlets and 62 parking stalls on the east side. These parking stalls would be oversized for large vehicle parking, 10-feet wide x 20-feet deep. Approximately 865 feet of new sidewalk would be constructed along the east side of S. Hazel Avenue. A 700 sq. ft. +/- community toilet building would be added at the northwest corner of the new multi-use fields and connected to the existing sewer main under Hazel Avenue. The toilet building will serve the community fields and the Phase 3 Ag Farm.

Closing Remarks

If you would like to be a consulting party on this project, please let us know of your interest as soon as possible, but no later than 30 days after receipt of this letter. Please include in your reply the name and

contact information for the tribe's principal representative in the consultation. If you do not wish to consult on this project, please inform us.

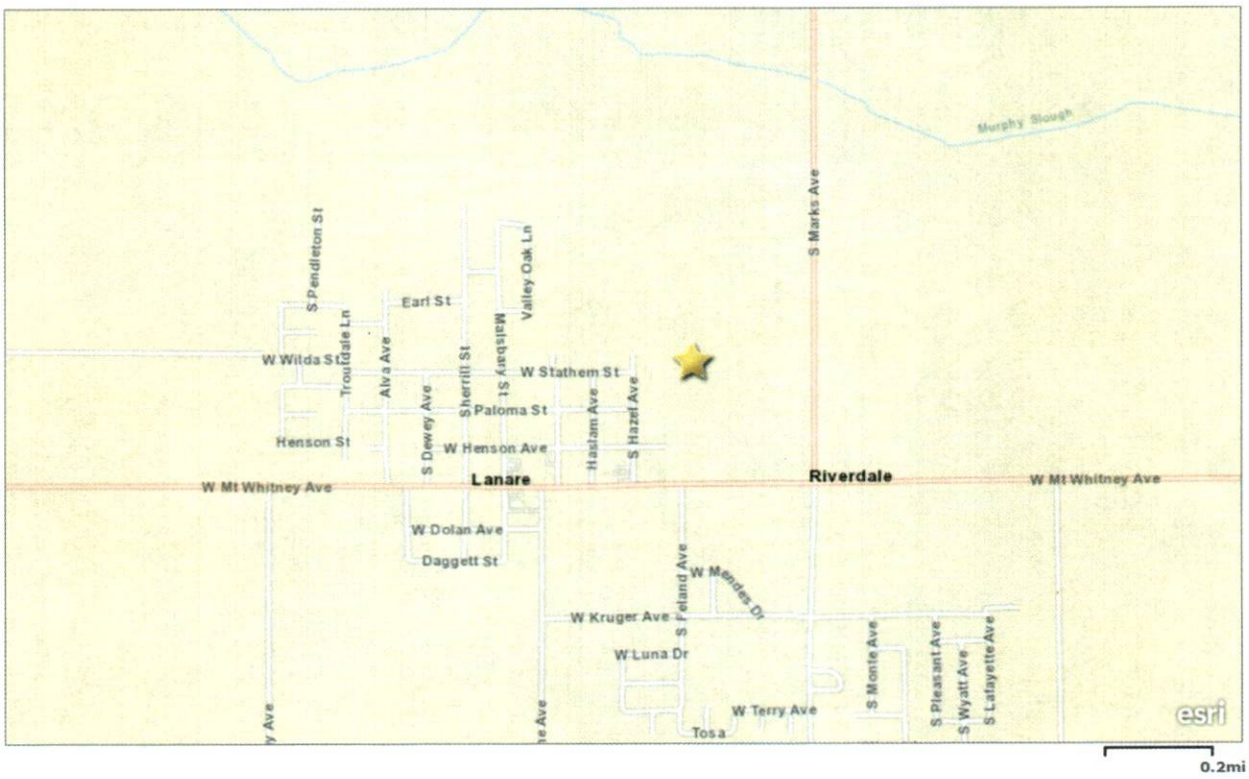
Please feel free to email your reply to me at the following address: jpercell@rjusd.org. If you have any questions about the project, please let me know.

I look forward to hearing from you soon.

Sincerely,

Riverdale Joint Unified School District
Jeff Percell
Superintendent
(559) 867-8200
jpercell@rjusd.org

Figure 1: Location Maps



Project Location

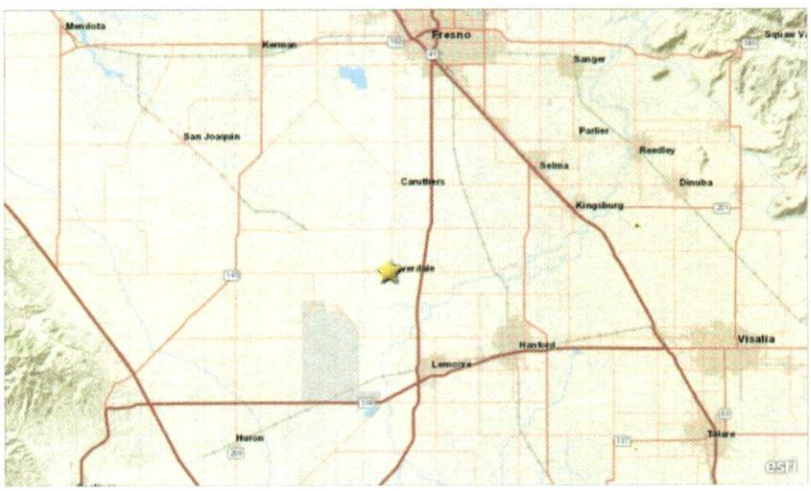
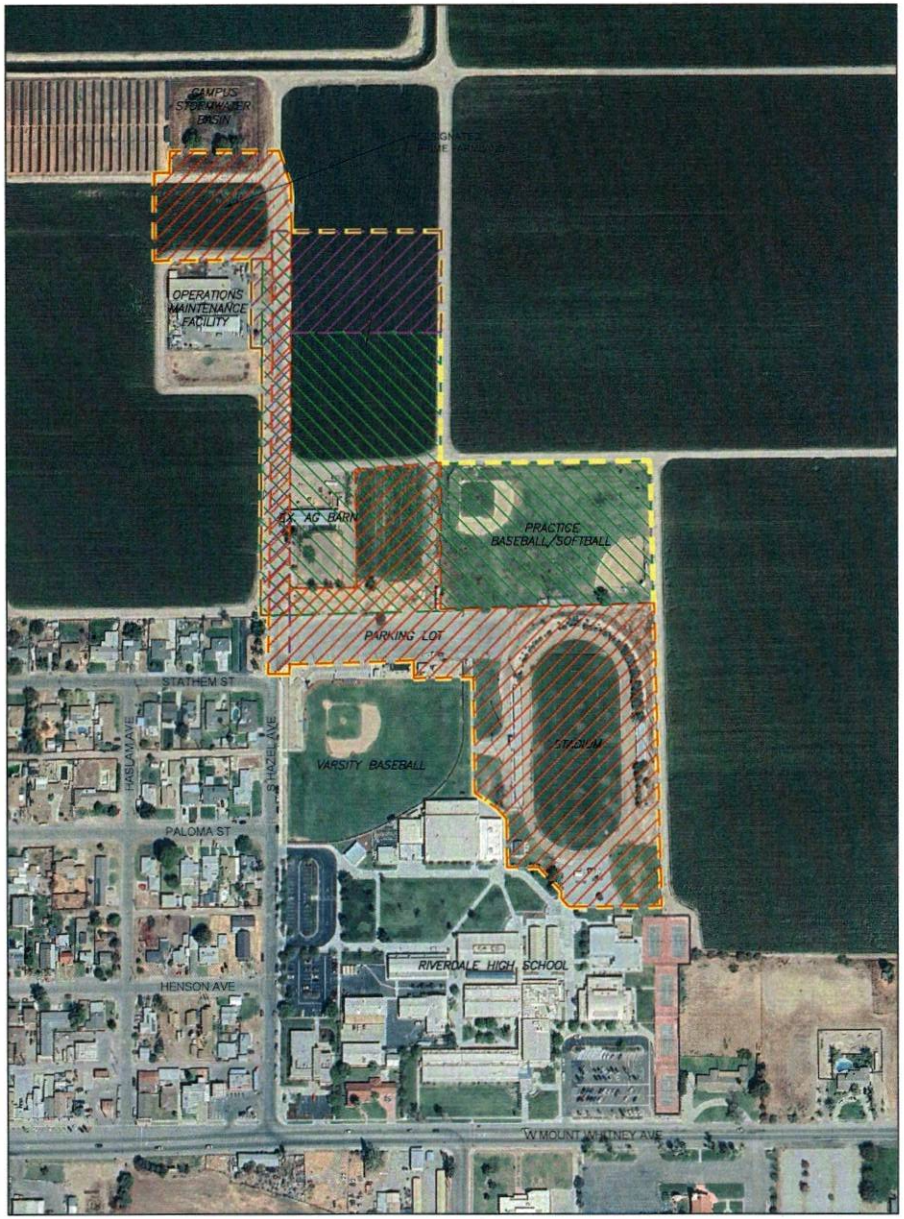


Figure 1: APE Maps



SYMBOL LEGEND:

- PROJECT SITE BOUNDARY
- PHASE 1 BOUNDARY/AREA
- PHASE 2 BOUNDARY/AREA
- PHASE 3 BOUNDARY/AREA

N

0 100 200 300 600
SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 1

Blair, Church & Flynn
CONSULTING ENGINEERS

CONSULTANT
Blair, Church & Flynn Consulting Engineers
481 Clovis Avenue, Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

TOTAL PROJECT LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 1 OF 4 SHEETS

SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 1 BOUNDARY/AREA

N

0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 2

Blair, Church & Flynn
CONSULTING ENGINEERS

CONSULTANT
Blair, Church & Flynn Consulting Engineers
481 Clovis Avenue, Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

PHASE 1 LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 2 OF 4 SHEETS

SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 2 BOUNDARY/AREA

0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 3

Blair, Church & Flynn CONSULTING ENGINEERS

CONSULTANT

Blair, Church & Flynn Consulting Engineers
481 Clovis Avenue, Suite 200
Clovis, California 93612
Tel (559) 326-5400
Fax (559) 326-5500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

PHASE 2 LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 3 OF 4 SHEETS

Drawing: P:\223-024B\Site\Exhibits\CEQA\223308_Riverdale HS CEQA Figures_2025-02-26.dwg, Phase 2 Plot by mgannam Feb 26, 2025 - 11:23am

SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 3 BOUNDARY/AREA

N

0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 4

Blair, Church & Flynn
CONSULTING ENGINEERS

CONSULTANT
Blair, Church & Flynn
Consulting Engineers
461 Clovis Avenue,
Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

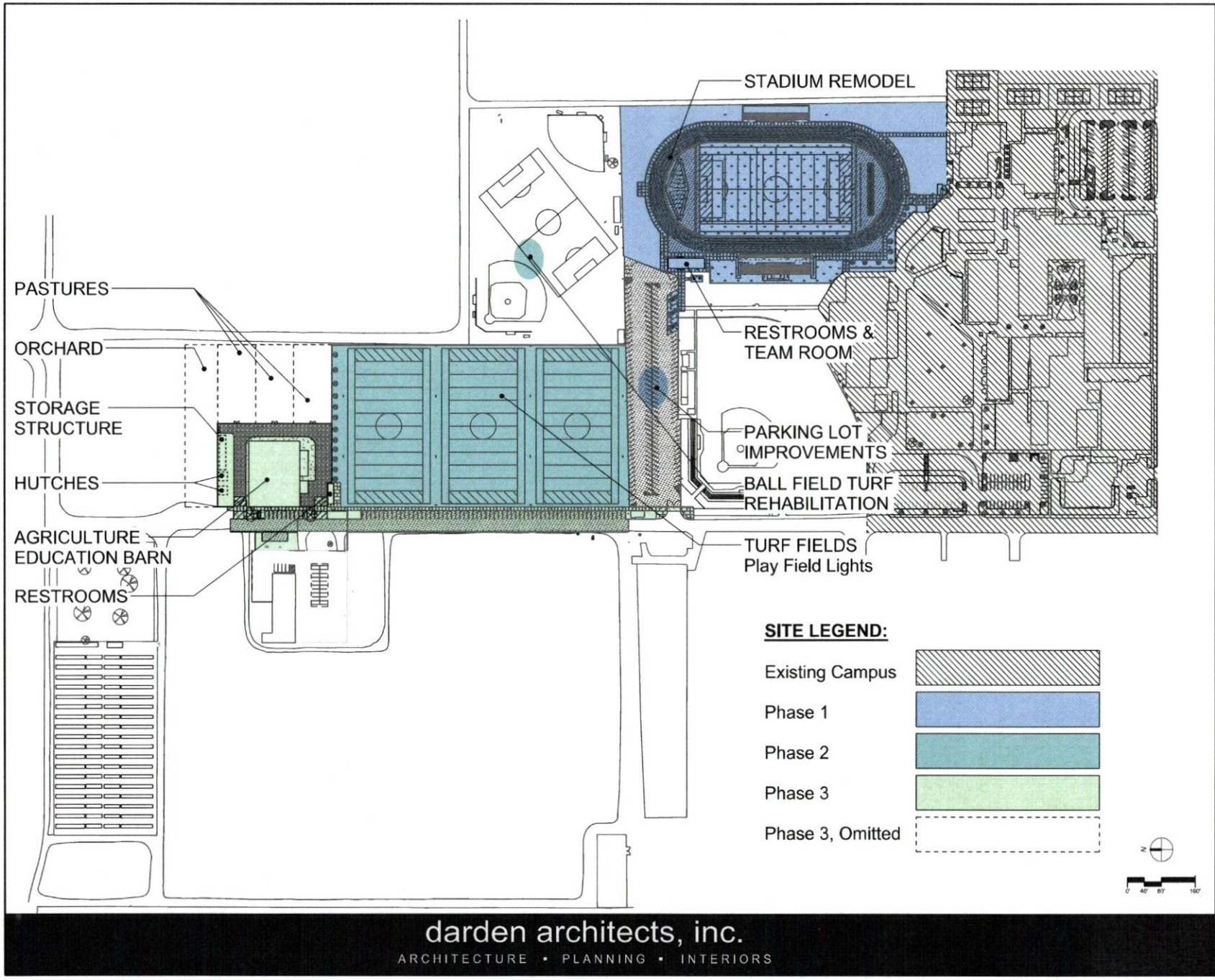
PHASE 3 LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 4
OF 4 SHEETS

Drawing: P:\223-024\Site\Exhibits\CEQA\223308_Riverdale HS CEQA Figures_2025-02-26.dwg; Phase 3 Plot by: mgenteno Feb 26, 2025 - 11:22am

Figure 2: Schematic Plans



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Approval

Riverdale High School - Athletic Improvements

Riverdale Joint Unified School District

Riverdale, CA 93656

Darden Project Number: 2272

Date: 01/06/2025

Project Information

darden architects

ARCHITECTURE PLANNING INTERIORS

www.dardenarchitects.com

6790 N. Blind Ave. • Fresno, CA 92711 • T: 559.448.8251

Architect

PROJECT PHASING PLAN

Phase

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1/8/2025 11:32:08 AM
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March 3, 2025

Wuksachi Indian Tribe/Eshom Valley Band
Kenneth Woodrow, Chairperson
1179 Rock Haven Ct.
Salinas, CA, 93906

Re: Riverdale High School Facility Improvements Project

Dear Chairman Kenneth Woodrow,

Riverdale Joint Unified School District (District) is proposing to construct the Riverdale High School Facility Improvements Project ("Project") on the Riverdale High School campus, in Riverdale, California. The District is preparing an Initial Study to identify potential environmental impacts resulting from the Project according to the California Environmental Quality Act (CEQA), California Public Resources Code Section 21080. As a part of the Initial Study preparation and pursuant to Assembly Bill 52, the District is respectfully requesting consultation with the Wuksachi Indian Tribe/Eshom Valley Band.

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Closing Remarks

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contact information for the tribe's principal representative in the consultation. If you do not wish to consult on this project, please inform us.

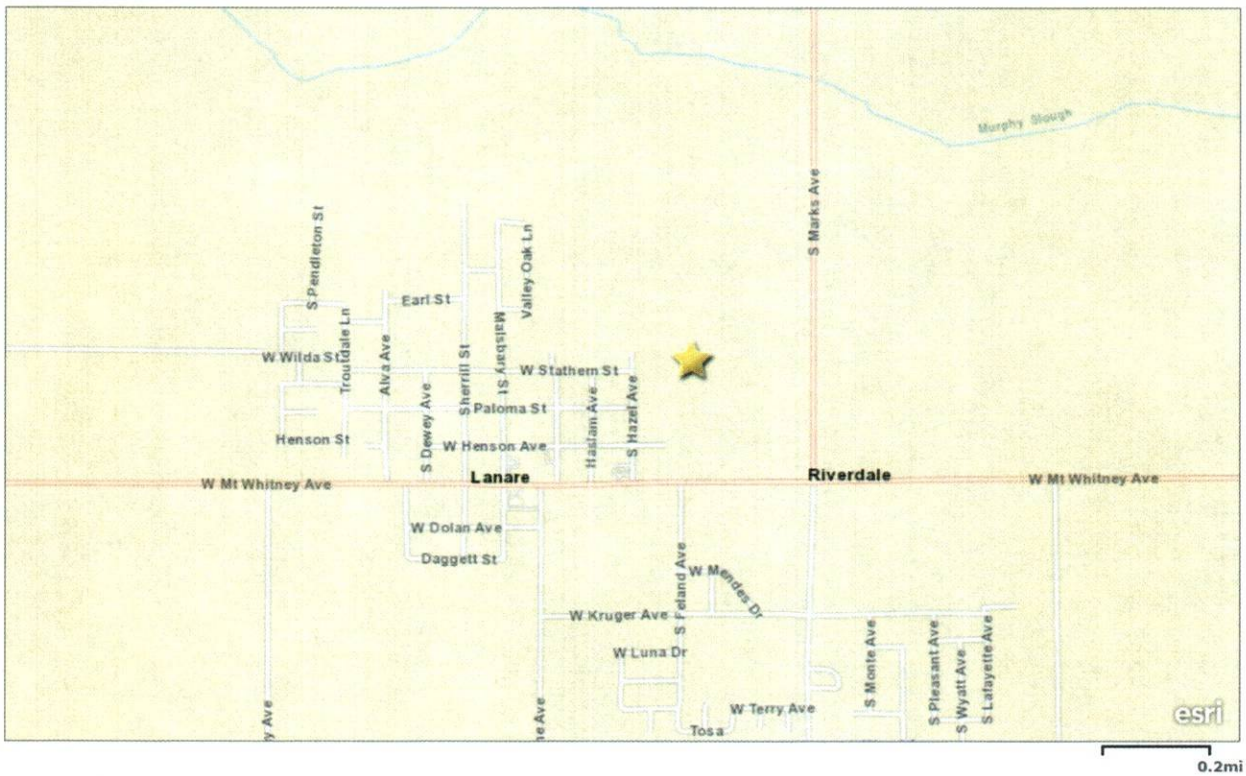
Please feel free to email your reply to me at the following address: jpercell@rjusd.org. If you have any questions about the project, please let me know.

I look forward to hearing from you soon.

Sincerely,

Riverdale Joint Unified School District
Jeff Percell
Superintendent
(559) 867-8200
jpercell@rjusd.org

Figure 1: Location Maps



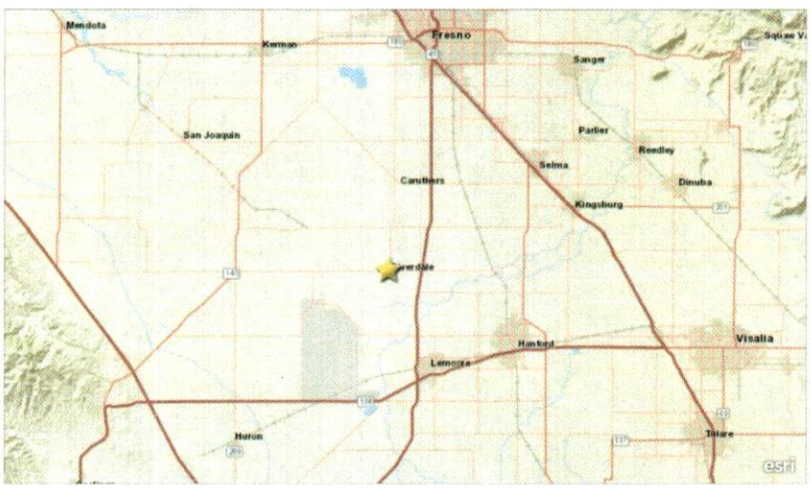
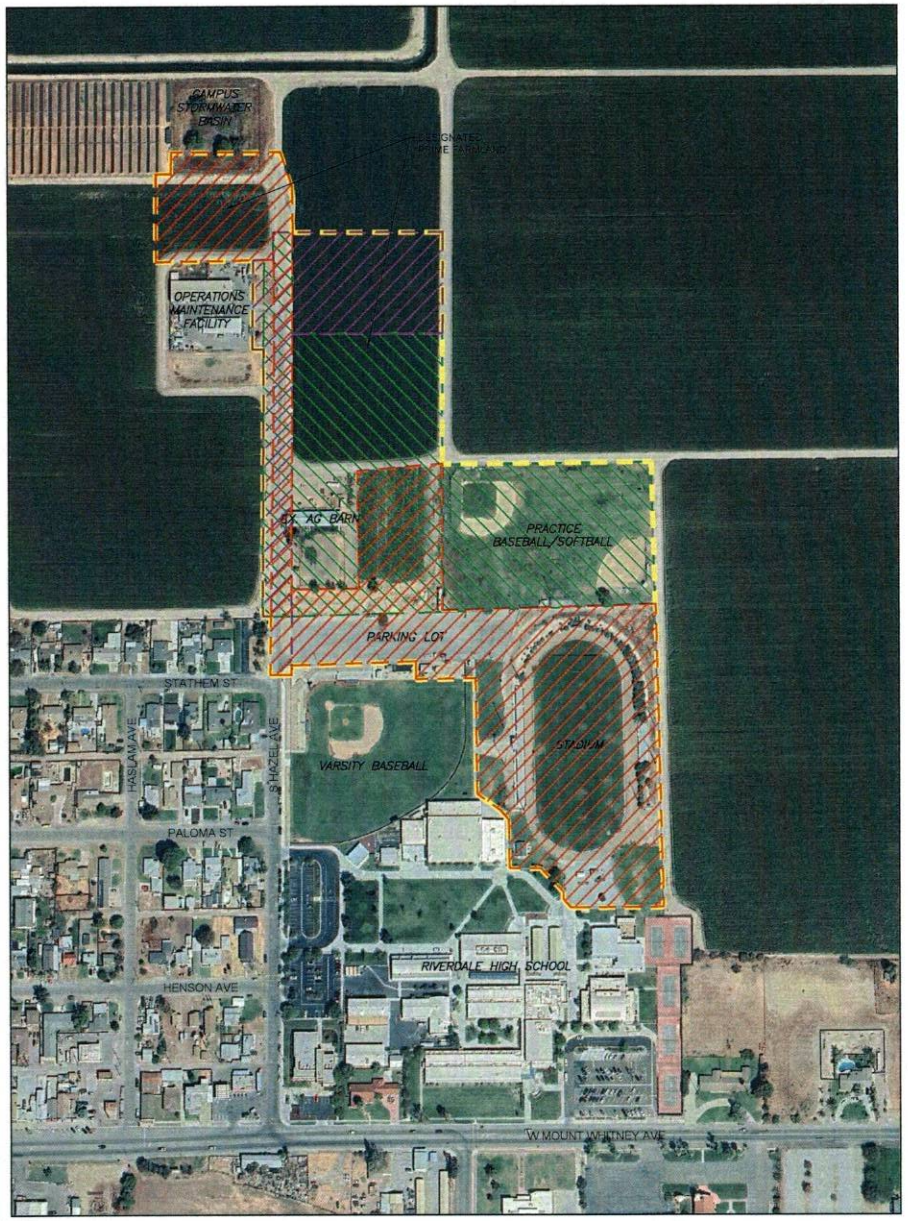


Figure 1: APE Maps



SYMBOL LEGEND:

- PROJECT SITE BOUNDARY
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N

0 100 200 300 600
SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 1

Blair, Church & Flynn CONSULTING ENGINEERS

CONSULTANT
Blair, Church & Flynn Consulting Engineers
451 Clovis Avenue, Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

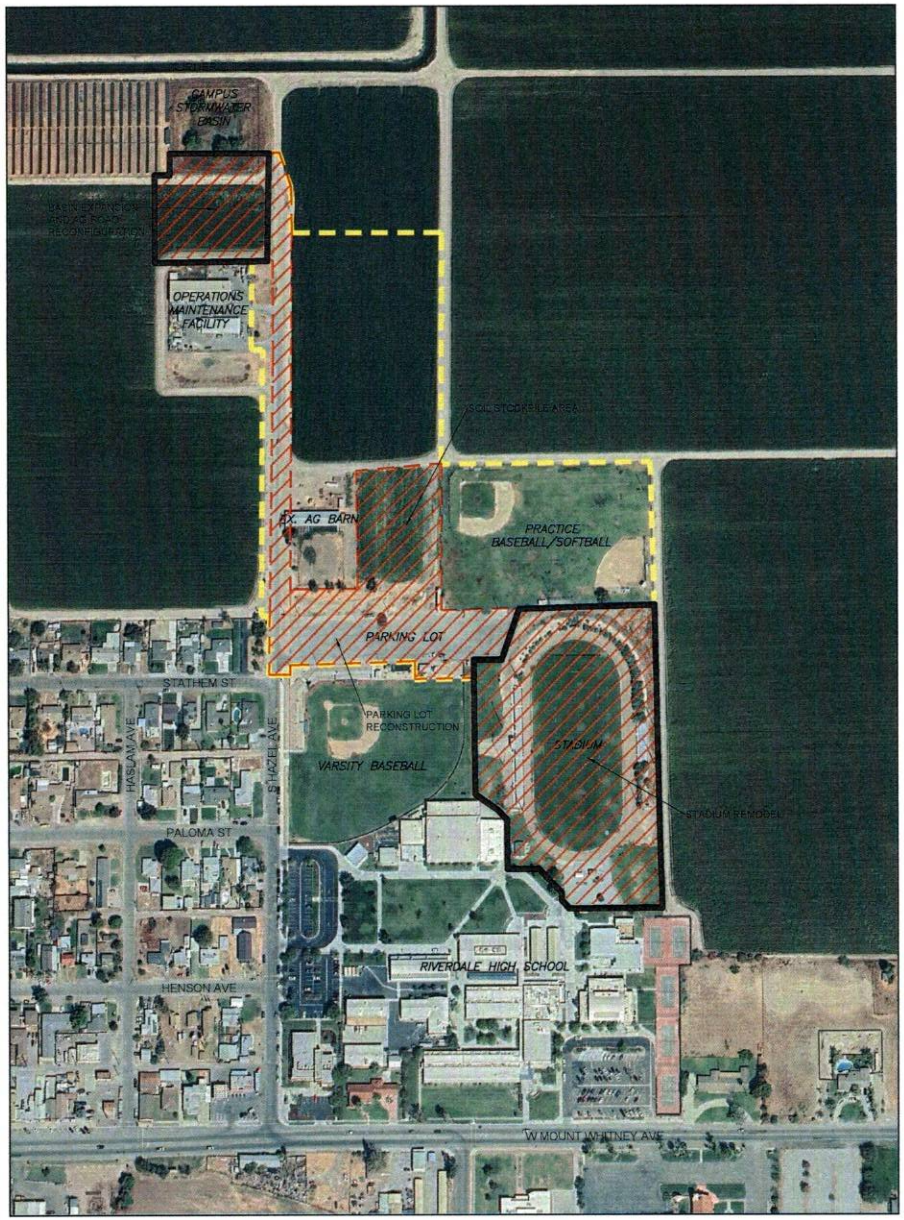
RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

TOTAL PROJECT LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 1
OF 4 SHEETS

Drawing: P:\223-024\BSite\Exhibits\CEQA\223008_Riverdale HS CEQA Figures_2025-02-26.dwg; Master Plan Plot by: mgennaro Feb 26, 2025 - 11:22am



SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 1 BOUNDARY/AREA

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0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 2

Blair, Church & Flynn
CONSULTING ENGINEERS

CONSULTANT
Blair, Church & Flynn
Consulting Engineers
451 Clovis Avenue,
Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

PHASE 1 LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 2
OF 4 SHEETS

Drawing: P:\223-0246\Site\Exhibits\CEQA\223308_Riverdale HS CEQA Figures_2025-02-26.dwg; Phase 1 Plot by: mgennaro Feb 26, 2025 - 11:22am

SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 2 BOUNDARY/AREA

0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 3

Blair, Church & Flynn CONSULTING ENGINEERS

CONSULTANT

Blair, Church & Flynn Consulting Engineers
481 Clovis Avenue, Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

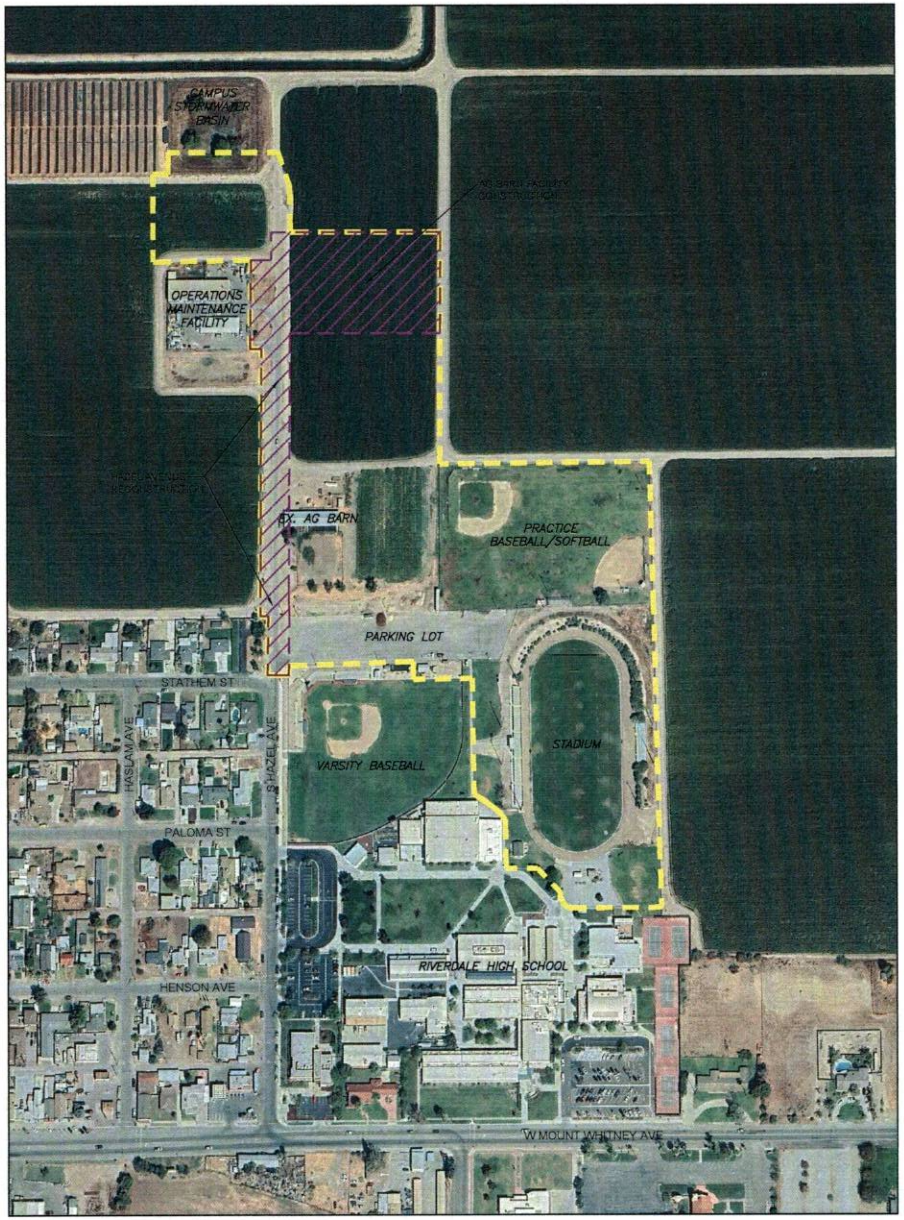
RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

PHASE 2 LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 3
OF 4 SHEETS



SYMBOL LEGEND:

PROJECT SITE BOUNDARY

PHASE 3 BOUNDARY/AREA

0 100 200 300 600

SCALE IN FEET

SITE LOCATION: 3086 W MOUNT WHITNEY AVE | RIVERDALE, CA 93656 | 36.43348, -119.85455

FIGURE: 4

Blair, Church & Flynn CONSULTING ENGINEERS

CONSULTANT

Blair, Church & Flynn Consulting Engineers
481 Clovis Avenue, Suite 200
Clovis, California 93612
Tel (559) 326-1400
Fax (559) 326-1500

RIVERDALE JOINT UNNIFIED SCHOOL DISTRICT

RIVERDALE HIGH SCHOOL FACILITY IMPROVEMENTS

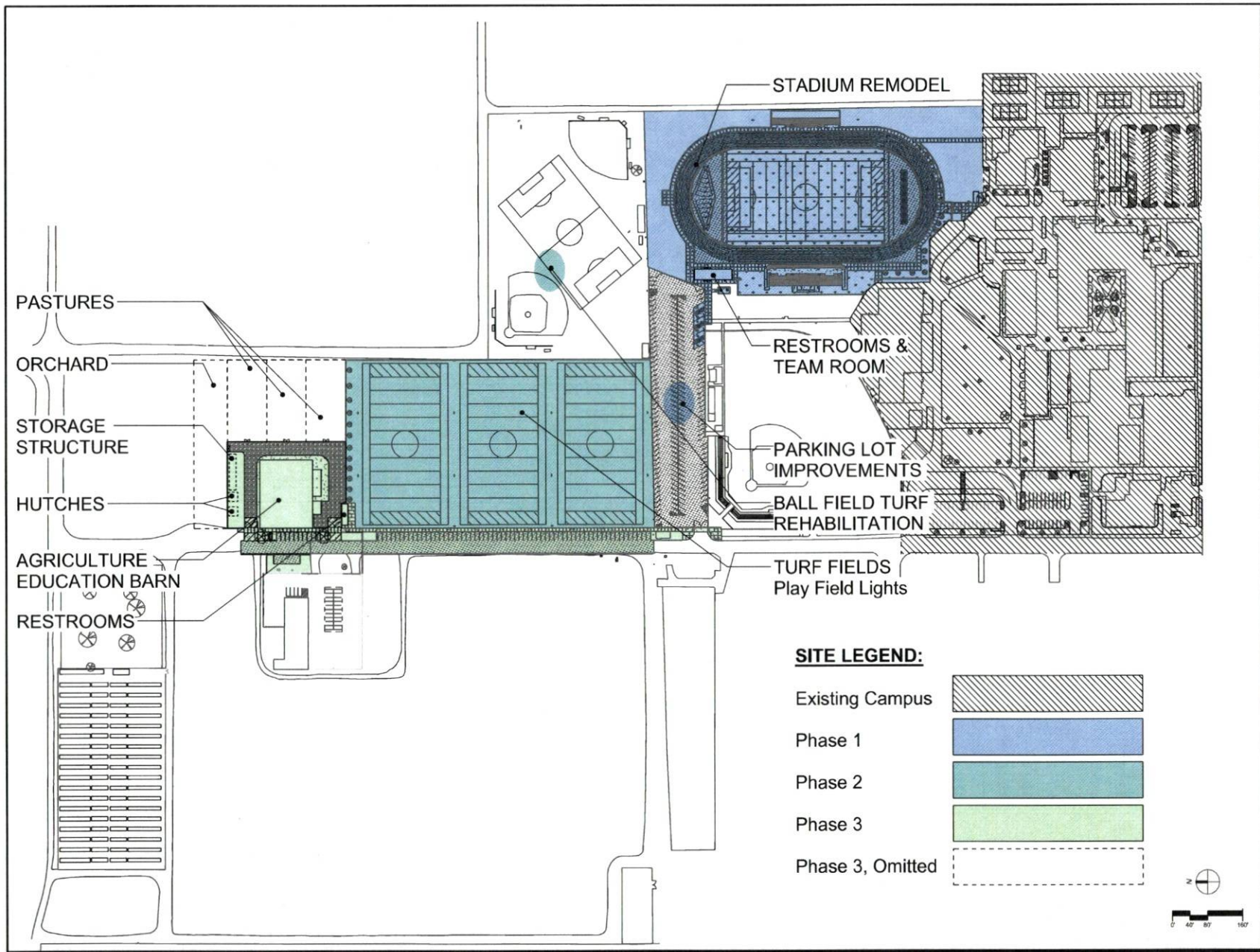
PHASE 3 LOCATION MAP

DR. BY MG
CH. BY JP
DATE 02-07-25
SCALE: AS NOTED

SHEET NO. 4
OF 4 SHEETS

Drawing: P:\223-024R\Revit\Exhibits\CEQA\223308_Riverdale HS CEQA Figures_2025-02-26.dwg, Phase 3 Plot by: mgennaro Feb 26, 2025 - 11:22am

Figure 2: Schematic Plans



THESE SIGNATURES REFLECT THE ACCEPTANCE OF THE INFORMATION SHOWN ON THIS DRAWING FOR THE COMPLETION OF THE SCHEMATIC DESIGN PHASE AND ITS ALLOW WORK ON THE CONSTRUCTION DOCUMENTS TO PROCEED.

Approval

Riverdale High School - Athletic Improvements

Riverdale Joint Unified School District

Riverdale, CA 93656

Darden Project Number: 2272

Date: 01/06/2025

Project Information

ARCHITECTURE PLANNING INTERIORS

Architect

PROJECT PHASING PLAN

Phase

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darden architects, inc.

ARCHITECTURE • PLANNING • INTERIORS

1/6/2025 11:33:28 AM
D:\2272_Athletic_Projects_V22_Cad\Art\RMP.rvt

Appendix F: AB 52 Tribal Correspondence Records

Attachment 3: AB 52 Tribal Noticing Letters Receipts

Riverdale High School Project Tribal Consultation Correspondence

Contact List	Date Letter Sent to Contact	Date of Response	Comments/Concerns
Kitanemuk & Yowlumne Tejon Indians Delia Dominguez, Chairperson 115 Radio Street Bakersfield, CA, 93305 Email: 2deedominguez@gmail.com Phone: (626) 339-6785	March 3, 2025 March 14, 2025 (emailed)		
Santa Rosa Rancheria Tachi Yokut Tribe Shana Powers, THPO P.O. Box 8 Lemoore, CA, 93245 Email: Not available Phone: (559) 423-3900	March 3, 2025		Delivered 3/6/25 4:08pm
Santa Rosa Rancheria Tachi Yokut Tribe Samantha McCarty, Cultural Specialist II P.O. Box 8 Lemoore, CA, 93245 Email: smccarty@tachi-yokut-nsn.gov (559) 633-3440	March 3, 2025		Delivered 3/6/25 4:08pm
Santa Rosa Rancheria Tachi Yokut Tribe Nichole Escalon, Cultural Specialist I P.O. Box 8 Lemoore, CA, 93245 Email: Not available (559) 924-1278	March 3, 2025		Delivered 3/6/25 4:08pm
Table Mountain Rancheria Michelle Heredia-Cordova, Chairperson P.O. Box 410 Friant, CA, 93626 Email: mhcordova@tmr.org Phone: (559) 822-2587 Fax: (559) 822-2693	March 3, 2025		Delivered 3/4/25 11:27am
Tule River Indian Tribe Neil Peyron, Chairperson P.O. Box 589 Porterville, CA, 93258 Email: neil.peyron@tulerivertribe-nsn.gov Phone: (559) 781-4271 Fax: (559) 781-4610	March 3, 2025		Delivered 3/6/25 9:26a.m.
Wuksachi Indian Tribe/Eshom Valley Band Kenneth Woodrow, Chairperson 1179 Rock Haven Ct. Salinas, CA, 93906 Email: kwood8934@aol.com Phone: (831) 443-9702	March 3, 2025		Delivered 3/5/25 2:17pm

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- ☐ Adult Signature Required $ _____
- ☐ Adult Signature Restricted Delivery $ _____

Postage
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Sent To
Delia Dominguez, Chairperson
Street and Apt. No., or PO Box No.
115 Radio Street
City, State, ZIP+4®
Bakersfield, CA 93305

RIVERDALE CA
Postmark Here
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PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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- ☐ Adult Signature Restricted Delivery $

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Sent To
Delia Dominguez, Chairperson
Street and Apt. No., or PO Box No.
115 Radio Street
City, State, ZIP+4®
Bakersfield, CA 93305

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

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- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
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1. Article Addressed to:
Delia Dominguez, Chairperson
Kitanemuk & Yowlumne Tejon Indians
115 Radio Street
Bakersfield, CA 93305

9590 9402 8887 4064 3073 53

2. Article Number *(Transfer from service label)*
7019 2280 0000 3783 2129

PS Form 3811, July 2020 PSN 7530-02-000-9053

COMPLETE THIS SECTION ON DELIVERY

A. Signature
X
☐ Agent
☐ Addressee

B. Received by *(Printed Name)*

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ ...ail Restricted Delivery
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- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

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- ☐ Adult Signature Required $
- ☐ Adult Signature Restricted Delivery $

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RIVERDALE CA
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Sent to
Santa Rosa Rancheria Tachi Yokat Tribe
(Nichole Escalon)
Street and Apt. No., or PO Box No.
PO Box 8
City, State, ZIP+4
Lemoore, CA 93245

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Santa Rosa Rancheria Tachi
Yokut Tribe
Nichole Escalon, Cultural Specialist
PO BOX 8, Lemoore, CA 93245

9590 9402 8887 4064 3073 84

2. Article Number *(Transfer from service label)*

7019 2280 0000 3783 2150

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent
☐ Addressee

B. Received by *(Printed Name)*: Jennifer Medina

C. Date of Delivery: 3/6/25

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ ail Restricted Delivery
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

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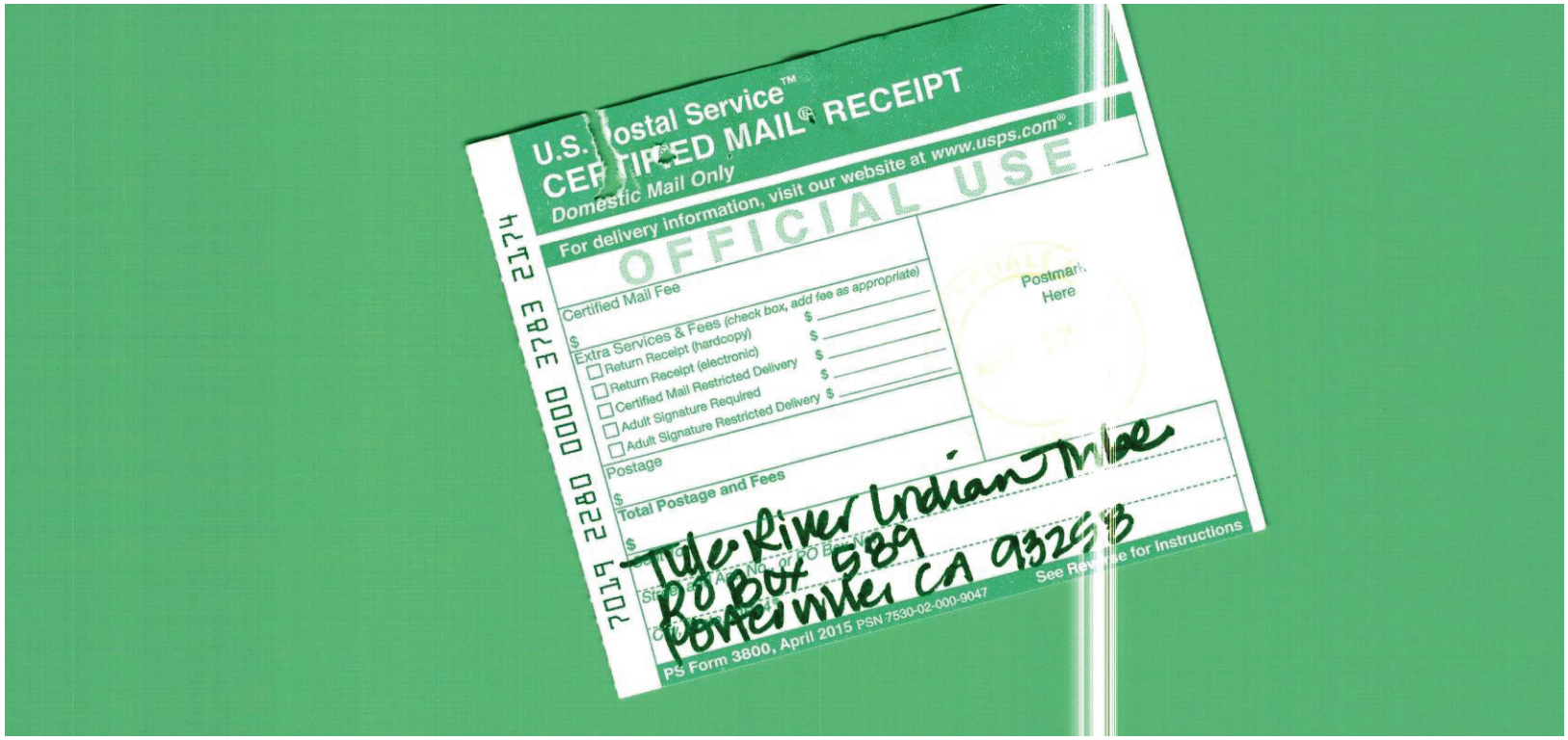
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Return Receipt (electronic) $
Certified Mail Restricted Delivery $
Adult Signature Required
Adult Signature Restricted Delivery $
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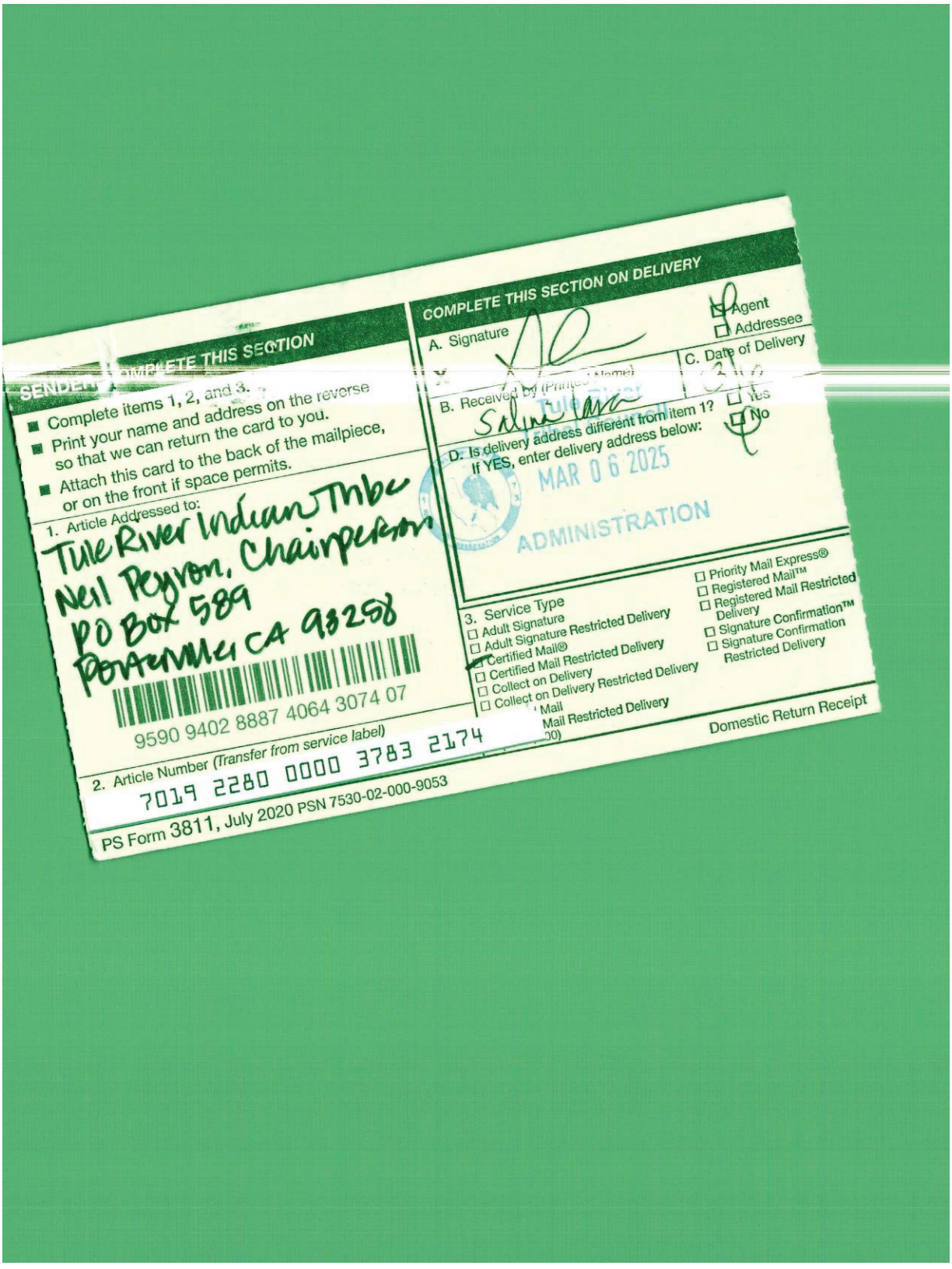
Tule River Indian Tribe
PO Box 589
Porterville CA 93258
PS Form 3800, April 2015 PSN 7530-02-000-9047
See Reverse for Instructions
7014 2280 0000 3783 2174



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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Tule River Indian Tribe
Neil Peyron, Chairperson
PO Box 589
Porterville CA 93258

9590 9402 8887 4064 3074 07

2. Article Number (Transfer from service label)

7019 2280 0000 3783 2174

COMPLETE THIS SECTION ON DELIVERY

A. Signature

☑ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☑ No

MAR 0 6 2025

ADMINISTRATION

3. Service Type

☐ Adult Signature
☐ Adult Signature Restricted Delivery
☑ Certified Mail®
☐ Certified Mail Restricted Delivery
☐ Collect on Delivery
☐ Collect on Delivery Restricted Delivery
☐ Mail
☐ Mail Restricted Delivery
☐ Priority Mail Express®
☐ Registered Mail™
☐ Registered Mail Restricted Delivery
☐ Signature Confirmation™
☐ Signature Confirmation Restricted Delivery

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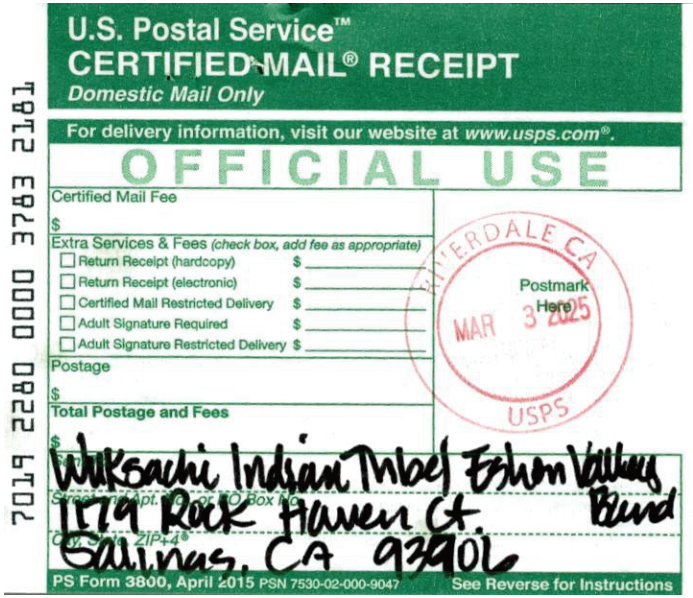

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Wiksachi Indian Tribe Eshom Valley Band
1179 Rock Haven Ct.
Salinas, CA 93906

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1. Article Addressed to:

Wuksachi Indian Tribe/
Eshom Valley Band
Kennetth Woodrow, Chairperson
1179 Rock Haven Ct.
Salinas, CA 93906

9590 9402 8887 4064 3074 14

2. Article Number *(Transfer from service label)*

7019 2280 0000 3783 2181

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent
☐ Addressee

B. Received by *(Printed Name)*

C. Date of Delivery

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☑ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Priority Mail Express®
- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery
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- ☐ Certified Mail Restricted Delivery $
- ☐ Adult Signature Required $
- ☐ Adult Signature Restricted Delivery $

Postage
$

Total Postage and Fees
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RIVERDALE CA
Postmark Here
MAR 2025
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(Sunantha McCarty)

Sent To
Santa Rosa Rancheria Tachi Yokut Tribe
Street and Apt. No., or PO Box No.
PO Box 8
City, State, ZIP+4
Lemoore CA 93245

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

SENDER: *COMPLETE THIS SECTION*

- Complete items 1, 2, and 3.
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- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Santa Rosa Rancheria Tachi Yokut Tribe
Samantha McCarty, Cultural Specialist
PO Box 8, Lemoore CA 93245

9590 9402 8887 4064 3073 91

2. Article Number *(Transfer from service label)*

7019 2280 0000 3783 2167

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent
☐ Addressee

B. Received by *(Printed Name)*: Jennifer Medina

C. Date of Delivery: 3/6/25

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☑ Certified Mail®
- ☐ Certified Mail Restricted Delivery
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- ☐ Adult Signature Required $
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MAR 2025
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Table Mountain Rancheria
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PO Box 410
City, State, ZIP+4®
Friant, CA 93626

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1. Article Addressed to:

Table Mountain Rancheria
Michael Heredia - Cordova
PO Box 410 Chairperson
Friant, CA 93626

9590 9402 8887 4064 3073 60

2. Article Number *(Transfer from service label)*

7019 2280 0000 3783 2136

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X [signature] ☐ Agent ☐ Addressee

B. Received by *(Printed Name)*: TMR

C. Date of Delivery: 3.4.25

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☑ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail
- ☐ ...ail Restricted Delivery
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- ☐ Signature Confirmation Restricted Delivery

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- ☐ Certified Mail Restricted Delivery $
- ☐ Adult Signature Required $
- ☐ Adult Signature Restricted Delivery $

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Total Postage and Fees
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Santa Rosa Rancheria Tachi Yokut Tribe
Street and Apt. No., or PO Box No.
PO Box 8
City, State, ZIP+4®
Lemoore, CA 93245

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- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Santa Rosa Rancheria Tachi
Yokut Tribe
Shana Powers, THPO
PO Box 8, Lemoore CA 93245

9590 9402 8887 4064 3073 77

2. Article Number *(Transfer from service label)*

7019 2280 0000 3783 2143

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X

☐ Agent
☐ Addressee

B. Received by *(Printed Name)*: Jennifer Medina

C. Date of Delivery: 3 | 6 | 25

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type

- ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
- ☑ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
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Appendix F: AB 52 Tribal Correspondence Records

Attachment 4: AB 52 Tribal Noticing Responses Received

TABLE MOUNTAIN RANCHERIA
TRIBAL GOVERNMENT OFFICE

March 12, 2025

Jeff Percell
Superintendent
Riverdale Joint Unified School District
P.O. Box 1058
Riverdale, CA 93656

RE: Riverdale High School Facility Improvement Projects proposing 3 phased exterior facility additions/reconstructions in the community of Riverdale, Fresno County, California.

To: Jeff Percell,

This is in response to your letter dated, March 3, 2025, regarding, Riverdale High School Facility Improvement Projects proposing 3 phased exterior facility additions and reconstructions in the community of Riverdale, Fresno County, California.

We appreciate receiving notice; however, this project site is beyond our area of interest.

Sincerely,

Robert Pennell
Cultural Resources Director

Michelle Heredia-Cordova
Tribal Chairperson

Richard L. Jones
Tribal Vice-Chairperson

Jenna Gosselaar
Tribal Secretary/Treasurer

Samantha Toles-Rodriguez
Tribal Council Member-At-Large

Mark Martinez
Tribal Council Member-At-Large

23736
Sky Harbour Road
Post Office
Box 410
Friant
California
93626
(559) 822-2587
Fax
(559) 822-2693

From: **Samantha McCarty** <SMcCarty@tachi-yokut-nsn.gov>
Date: Thu, Apr 17, 2025 at 5:13 PM
Subject: Riverdale High School Facility Improvements Project
To: jpercell@rjusd.org <jpercell@rjusd.org>
Cc: Nichole Escalon <nescalon@tachi-yokut-nsn.gov>

Dear Jeff,

Thank you for contacting the Santa Rosa Rancheria Tachi-Yokut Tribe regarding the Riverdale High School Facility Improvement Project. The Tribe does have concerns regarding this project and is requesting the following:

- To be retained to provide all construction staff and crew a Cultural Presentation prior to any work beginning.
- To have a Tribal Monitor on site during any ground disturbing activities related to the project.
- To be notified of any discoveries made immediately
- To have a Curation Agreement in place prior to any work beginning.

If you have any questions, comments, and or concerns, please do not hesitate to contact Nichole or myself. Thank you.

Sincerely,

Samantha McCarty
Santa Rosa Rancheria Tachi-Yokut Tribe
Cultural Specialist II
SMcCarty@tachi-yokut-nsn.gov
Cell: (559) 633-6640
Direct Line: (559) 925-2591
Office: (559) 924-1278 x 4091

PLEASE KEEP ALL CULTURAL STAFF IN EMAILS UNLESS STATED OTHERWISE

--

Jeff Percell

Superintendent

Riverdale Joint Unified School District

Ph. (559) 891-4300 or (559) 867-8200

Fax (559) 867-6722

Through our collective commitment, every student will be empowered and supported as they build a strong academic and social foundation for future success.

ATTENTION: If you are not an intended recipient of this electronic mail, you may not use, copy, disclose, or distribute this electronic mail or any information contained in or attached to it. If you received this transmission in error, please notify the sender, Riverdale Joint Unified School District, by reply e-mail or by telephone at (559) 891-4300 and delete the transmission. Thank you.

Appendix G: Comments and Responses to Public Review

Public Review and Circulation

In compliance with the California Environmental Quality Act (CEQA) and the CEQA Guidelines, the Draft Initial Study/Mitigated Negative Declaration (IS/MND) was submitted to the State Clearinghouse (SCH) for agency review and was made available for public review. The District posted a Notice of Intent (NOI) at the Riverdale Memorial District, published the NOI and Draft IS/MND on the District's website, and made hard copies available at the District Office.

Public Comment Period and Submittals

The 30-day public review period concluded on October 19, 2025. One comment letter was received:

- California Department of Conservation, Geologic Energy Management Division (CalGEM) (letter dated September 29, 2025): CalGEM states there are no known active or abandoned oil, gas, or geothermal wells within the Project site. The letter also describes general responsibilities and safety considerations should previously unknown wells be encountered.

Response to CalGEM Comment

Comment noted; no changes to the Draft IS/MND are required. The comment confirms the absence of known wells on the site and provides standard informational advisories. The IS/MND impact conclusions remain unchanged.

No other comments were received from agencies or the public.

Tribal Consultation Summary

Initiation and Consultation Activities

The District issued consultation invitations to tribes traditionally and culturally affiliated with the Project area on March 3, 2025. The Santa Rosa Rancheria Tachi-Yokut Tribe (SRR) requested consultation on April 17, 2025. A consultation meeting was held on May 16, 2025 among SRR's cultural resources representative, the District Superintendent, and the District's environmental consultant to discuss potential effects to Tribal Cultural Resources (TCRs) and potential mitigation.

Follow-Up Submittals and Coordination

- July 18, 2025: The District provided SRR with draft Tribal Cultural Resource mitigation measures for review.
- August 27, 2025: The District transmitted draft monitoring and curation agreements (executed by the District) to SRR.
- September 22, 2025: The District provided an amended monitoring agreement reflecting refined mitigation language.

- July–October 2025: The District and its consultant followed up by email and phone to request input and confirm availability for monitoring/training.

During this period, no additional comments or feedback were received from SRR regarding the proposed mitigation measures, and a fully executed monitoring and curation agreement was not returned.

Consultation Status and Final IS/MND Updates

In light of the consultation record and outreach described above, the District determined on October 28, 2025 that formal consultation is complete and provided written notification to SRR. To ensure implementation remains effective if Tribal representatives are unavailable during construction, the District refined the Tribal mitigation measures to clarify SRR participation "if available" and to provide functionally equivalent archaeological monitoring and training as a contingency. These updates are reflected in Section 18, *Tribal Cultural Resources* and Section 5 *Cultural Resources*, and carried forward into the Mitigation Monitoring and Reporting Program (MMRP).

The District remains open to continued coordination with SRR during implementation, including participation in construction monitoring, worker training, and treatment/curation procedures should SRR wish to engage.

Conclusion

The public review yielded one informational agency comment that does not require changes to the Draft IS/MND. The District conducted consultation with SRR, incorporated Tribal measures into the IS/MND and MMRP, and clarified procedures to ensure protection of Tribal Cultural Resources under both full participation and contingency scenarios. The Final IS/MND and MMRP reflect these updates and the District's independent judgment and analysis.