

Lilac to Rancho Double Tracking Project

Prepared for

San Bernardino County Transportation Authority

June 2018



402 W. Broadway, Suite 1450
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Volume II
Appendix B through Appendix I

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Appendix B

Visual Impact Assessment

Lilac to Rancho Double Tracking Project - Visual Impact Assessment

PREPARED FOR: San Bernardino County Transportation Authority
COPY TO: Moffatt & Nichol
PREPARED BY: CH2M
DATE: March 13, 2018

Purpose of Study and Assessment Method

The purpose of this visual impact assessment (VIA) technical memorandum is to document potential visual impacts that may be created by the proposed Lilac to Rancho Double Tracking Project (Proposed Project) and to propose measures to lessen any potential visual impacts that may be identified. Visual impacts are identified by documenting the existing visual resources in the project area, identifying the nature and extent of the visual change that could occur as a result of the Proposed Project predicting how the affected public would respond to or perceive those changes. This visual impact assessment generally follows the guidance outlined in the publication *Visual Impact Assessment for Highway Projects* published by the Federal Highway Administration (FHWA) in March 1981 and is structured using the template for a minor level visual impact assessment developed and used by the California Department of Transportation to address both CEQA and NEPA based analysis, documentation and approvals.

Project Description

The San Bernardino County Transportation Authority (SBCTA) is proposing to construct approximately three (3) miles of a second main line track along the San Gabriel Subdivision, San Bernardino Line (SBL) railroad corridor between Control Point (CP) Lilac Milepost 52.4 to approximately CP Rancho, near MP 55.1 in the cities of Rialto and San Bernardino. The improvements assessed in this study would be located within the rail corridor shown on Figure 1 - Project Components and Viewpoint Locations Map and would include the following features:

- The addition of a second track through each of the existing eight (8) at-grade crossings starts just west of Lilac Avenue in the City of Rialto on the west end of the Proposed Project and ends east of Rialto Avenue in the City of San Bernardino on the east end of the Proposed Project. The second track would be located on the south side of the existing single track, and would be accommodated within the existing railroad right of way.
- Improvements to each of the eight at-grade roadway crossings to accommodate the new second track would be implemented. These improvements would include street improvements that in some cases entail retaining walls to alter the grade of the streets as they approach the crossings. In addition, they would include relocation of existing gates and railroad signal warning devices, installation of pedestrian safety gates, and relocation of signal cabinets. Figure 4 provides an example of the physical configuration of the improvements that would be implemented at each of the crossings.
- In addition to the improvements at the eight at-grade crossings where the double-tracking would take place, improvements consistent with the quiet zone feasibility and system requirements would

also be implemented. These improvements would be provided at the Cactus Avenue crossing just to the west of Lilac Avenue and at the Rancho Avenue crossing, just one roadway crossing east of Rialto Avenue. The quiet zone features could include enhanced crossing safety features, the installation of new gates and warning devices and pedestrian safety gates (quad-gates).

- At the Rialto Metrolink Station, a second passenger platform will be constructed on the south side of the new second track. This platform will be outfitted with shelter structures, light fixtures, and other appurtenances similar to those on the existing platform and along the north side of the existing track. For visual consistency with the existing passenger platform the designs of the second passenger platform and the structures and other appurtenances on it will mirror those of the existing platform and its features.
- At the Rialto Station, three options are being considered to provide passengers with access to the new southern platform. The options being considered are:
 - Option 1 – Pedestrian Overpass
 - Option 2 – Pedestrian Underpass
 - Option 3 – At-Grade Pedestrian Crossing
- The protection in-place of the existing UPRR Colton Cut-off Overpass near Rialto Avenue and the compliance with horizontal and vertical clearances.
- The removal of the existing No. 20 Right-Hand (RH) turnout west of Lilac Avenue, or the consideration of the construction of a crossover. The removal of the existing turnout would require 'straight railing' the track to properly tie into the proposed second main line track on the north side of the existing main line track.
- The construction of a new No. 20 Left-Hand (LH) turnout east of Rialto Avenue. The exact location of the proposed east end of the Proposed Project would be evaluated to provide a 'best fit' alignment on a tangent segment between approximately MP 54.9 and MP 55.06.
- Existing culvert extensions and protection-in place as required. There are 3-24" RCP and 1-42" RCP near the west end of the Rialto station, and 48" and 36" RCP east of Pepper Avenue.
- Civil improvements including grading, drainage, and utilities. The existing SBCFCD "East Rialto Storm Drain" flood control channel on the north side and drainage ditches on the south side of the right-of-way will be evaluated to be protected in-place and mitigated accordingly.

This analysis of the Proposed Project's visual effects will focus on the project features that will be most readily visible and will thus have the greatest potential to affect the character and quality of views in the project area, including the following:

- The double-tracking that will occur in the project corridor
- The modifications that will be made at each of the eight existing roadway crossings and the two additional at-grade roadway crossings with potential quiet zone improvements
- The addition of the new passenger platform on the south side of the right-of-way, opposite the existing Rialto Station
- Construction of a pedestrian crossing/connection, based on the three design options, from the northern passenger platform to the new southern platform

Project Location and Setting

The project location and setting provide the context for determining the type and severity of changes to the existing visual environment. The project setting is also referred to as the project area, which is defined as the area of land that is visible from, adjacent to, and outside the 100-foot wide SBCTA-owned

railroad right-of-way, and is determined by topography, vegetation, intervening structures, and viewing distance. The project corridor is defined as the project footprint itself.

The Proposed Project is located in the cities of Rialto and San Bernardino in San Bernardino County. It would be developed within the segment of the existing 100-foot wide San Gabriel Subdivision, San Bernardino Line (SBL) railroad corridor between Control Point (CP) Lilac Milepost 52.4 in Rialto to approximately CP Rancho, near MP 55.1 in San Bernardino. The project area lies on the flat alluvial plain of the San Bernardino Valley. The rail corridor segment in which the project would be developed passes through an area that is entirely urbanized with a mix of single story industrial, warehouse, commercial, and residential structures with a suburban visual character.

In the area along the segment that extends from Lilac Avenue to the Rialto Station at Willow Avenue, the lands on the northern side of the rail corridor are developed with warehouse uses, while on the south side of the corridor, there is a manufacturing facility and a large mobile home park. In the area around Rialto Station, the land uses consist of a mix of retail and warehouse and storage activities. East of the station, between Riverside Avenue and Sycamore Avenue, storage and distribution facilities dominate. From Sycamore Avenue, east to Pepper Avenue, the area along the rail corridor is developed with a mix of single family residential neighborhoods and mobile home parks. East of Pepper Avenue, single family residential areas and mobile home parks predominate, although there is also a large manufacturing facility on the south side of the corridor at Pepper Avenue and a large rail yard on the south side of the corridor in the area west of Rancho Avenue.

The rail corridor is most visible in views from the locations like the one seen in Figure 3 where it is crossed by north/south streets. Otherwise, because most of the features located in the corridor are low, and because the corridor is lined with development that screens view, the corridor is not a major visual feature in the views from the surrounding area. The one exception to this generalization is the Rialto Metrolink Station (Figure 5). The station building is two stories in height and has a distinctive design that makes it a community landmark. Because of the open views provided by the parking lots that surround it to the west, north, and east, it is visible from nearby portions of the surrounding area.

There are no identified scenic vistas in the area along the project corridor and the project area is not located adjacent to and is not visible from any designated state scenic highways.

Visual Resources, Resource Change, Viewers, and Viewer Response

Visual resources of the project setting are defined and identified below by assessing *visual character* and *visual quality* in the project corridor. *Resource change* is assessed by evaluating the visual character and the visual quality of the visual resources that comprise the project corridor before and after the construction of the proposed project.

To document the existing visual conditions in the project area, a CH2M visual resource specialist visited the project corridor to review and identify existing visually prominent features and photograph representative views along the project corridor. Five of these views were selected to provide a basis for discussing the project's potential visual effects. These views were selected to provide a representative sample of the views that would be affected by and potentially introduce changes from the project. These views, the reasons for their selection, their existing visual condition, the project-related changes that would occur in them, and the likely response of viewers to those changes are documented below.

Viewpoint 1

Viewpoint 1 (Figure 2) a view looking east down the rail corridor from South Acacia Avenue, was selected to provide a typical view of the existing rail corridor. In the existing view, the corridor's single track is visible on the ballast berm that runs down the center of the corridor. The corridor is open, and the only vegetation consists of low growing grass and weeds. The East Rialto Storm Drain Flood Control Channel is visible on the northern (left) side of the corridor. The corridor's existing visual character is

that of a partially developed rail right-of-way. The rail corridor itself contains no visual resources of importance and its level of visual quality is low. The positive visual elements in the overall view from this location are the clusters of trees on the properties adjacent to the right-of-way, and the large mountain seen in the far distance to the east.

The new second track would be added in the now-vacant area on the southern (right) side of the corridor. Construction of the second track would entail widening of the ballasted berm to the right and installation of the new parallel track. The addition of the second track would make the corridor appear somewhat more developed in views from the road crossings, but would have no effect on the visual quality of the view down the corridor, which would remain low. The project would create no changes to the vegetation that lines the corridor or to the views of the mountain in the backdrop. Because the rail corridor is a utilitarian feature of the local environment that is seen for short durations as vehicle occupants and small numbers of pedestrians cross it, the incremental change to the corridor's appearance is likely to be of little concern to these viewers. Because of the fences and trees along the edges of the corridor, the addition of the extra track is not likely to be readily visible by the occupants of the homes that line the corridor and would thus have little to no effect on their views.

Viewpoint 2

Viewpoint 2 (Figure 3), a view looking north toward the rail corridor from South Sycamore Avenue was selected to represent a typical view toward the rail corridor from the existing north/south streets that cross it. In this view, as in the views from most of the streets that cross the corridor, the views toward the corridor are restricted by the development along the street. The primary evidence of the presence of the rail corridor is the slight upslope in the street and the crossing sign, signals, and gates. With the development of the project, the visual changes to this view would be subtle.

Figure 4 is a plan drawing that indicates the configuration of the project's features at a typical street crossing. Because it would be at grade, the additional railroad track that would be installed south of the existing track would not be readily visible. The primary visual change would be that the railroad sign, signal lights and crossing grade on the right side of the street would be replaced with new but generally similar equipment at a location closer to the southern edge of the right-of way. The new crossing gate would include a gate at the sidewalk to provide for pedestrian safety. In addition, a pedestrian safety fences and gates would be installed on the sides of the street that would not have a swing gate. At this crossing, the small signal house now located on the left side of the street where it is mostly hidden behind a chain link fence would be replaced with a new signal house located in the right-of-way on the east side of the crossing. Views toward this new signal house structure are likely to be mostly screened by fences and other features on the property that borders the right-of-way to the south. In this view, there would also be short retaining walls along both sides of the paved street to provide for a slight adjustment in the street profile as it slopes up toward the rail crossing. Overall, the project-related visual changes to this view would be minor and would have little to no effect on the view's existing visual character and quality. Because they would be so minor, these visual changes are likely to have little effect on the experience of those who see this view, either as travelers or nearby residents.

Viewpoints 3 and 4

Viewpoints 3 and 4 were selected to provide two different and representative views toward the Rialto Metrolink Station. Viewpoint 3 (Figure 5) is a view looking east toward the station from South Willow Avenue. The two-story station building has a distinctive design that makes it a community landmark. It is readily visible from nearby north-south streets because of the open views provided through the parking lots that surround it. In Viewpoint 3, the tall communications tower located adjacent to the station is visible, as well as the shelters on the platform in front of the station. The visual character of this view is that of a developed rail corridor and station complex. Because of the distinctive station building, the landscaping around it, and the views toward the distant mountains, this view has a moderately low to moderate level of visual quality.

With development of the proposed project, the view from Viewpoint 3 would be altered by expanding the ballasted roadbed now in the center of the corridor to the right and installation of the new track on it, parallel to the existing track. In addition, a new platform would be constructed on the southern edge of the corridor, opposite the platform that now can be seen in front of the existing station on the corridor's north side. The new platform would generally mirror the design of the existing platform. The crossing signal and gate now located just south of the existing track would be moved to a location further south, at the edge of the right-of-way. Except for making the corridor appear somewhat more intensively developed than it is now, these changes would have little effect on the visual character and quality of the view toward the rail corridor and station and thus would have little effect on the motorists and pedestrians on South Willow Avenue who experience this view.

One of the options for providing passenger access to the new southern platform would be to construct a pedestrian overcrossing. Figure 6 is a rendering of the proposed overcrossing structure as seen from the west. This structure would create a readily noticeable change to the view from Viewpoint 3 by adding a tall vertical structure that would compete with the train station and which would partially block the view toward the distant mountain. Although this visual change would affect the views experienced by motorists and pedestrians crossing the rail corridor on South Willow Avenue, given the moderate level of visual change and the limited duration of the views, the visual impact on Viewpoint 3 would be less than significant.

The second option for providing passenger access to the new southern platform would be to construct a pedestrian undercrossing. Figure 7 is a rendering that provides an oblique aerial view of the undercrossing as seen from the west. In the view from Viewpoint 3, the features of the underground crossing would not be readily noticeable, and thus would have little effect on the view's visual character or quality. The third option for providing passenger access to the new southern platform would be at-grade access, which would require passengers to walk from the station to South Riverside Avenue and cross the tracks at the controlled pedestrian crossing on the west side of the street. Because this alternative would require no additional structures, it would have no effect on the visual character and quality of views toward the station.

Viewpoint 4 (Figure 8) is a view from a point located in the parking lot to the northeast of the station that looks toward the station, the existing platform, and one of the shelters located on the platform. Because of the predominance of parked cars and station-related appurtenances in this view, the visual character is generally utilitarian and the level of visual quality is moderately low. In this view, the most visible features of the passenger platform proposed for the south side of the corridor would be the shelter structures, light poles, and other appurtenances located on the platform. The visual effects of the platform and its features would be minor and would have little impact on the visual character and quality of this view. Figure 9 is a rendering of the proposed pedestrian overcrossing structure as seen from Viewpoint 4. It represents one of the two architectural concepts that have been proposed for this structure. This structure would have a moderate effect on the visual character and quality of the view from Viewpoint 4. This effect would be the result of adding a large structure that would dominate the view and partially block the view toward the trees in the near-distance and the mountain ridge in the far distance. Because the area seen from Viewpoint 4 is already a heavily developed train station area, overall, the pedestrian overcrossing structure would not represent a substantial alteration of the view's existing character or level of visual quality. In light of the moderate level of visual sensitivity of those using the train station and parking lot, the visual changes brought about by the overhead pedestrian crossing structure would be less than significant.

The features of the undercrossing being considered as an alternative means to permit pedestrians to move between the northern and southern platforms would not be readily visible in this view and thus would have little to no effect on the character and quality of the view. Additionally, because the at-grade pedestrian crossing option would not entail introduction of any new structural features, it would have no effect on this view.

Viewpoint 5

Viewpoint 5 (Figure 10) is a view looking east down the unnamed alley located along the southern edge of the rail corridor between South Sycamore Avenue and South Acacia Avenue. This alley provides access to the backyard side of the homes located on the north side of East Bonnie View Drive. The visual character of this view is very utilitarian, with rail tracks on a ballast berm and a poorly maintained paved alleyway lined by a set of utility lines carried on wood poles. The primary visual asset of this view is the view toward the mountain in the far distance to the east. The vegetation in the back yards that line the rail corridor to the north also provides an element of visual interest. The overall visual quality of this view is moderately low.

The project's effects on the view seen in Figure 10 will be somewhat limited. The primary change will be the widening of the ballast berm and the addition of the second track. Because the wall along the north side of the alley will remain just as it is now, the view down the alley will not be altered and the view toward the trees along the rail corridor's northern edge will not be affected. The project will have no effect on the view toward the distant mountain to the east, which is the view's primary visual asset. Overall, the project will have little effect on the overall visual character and quality of this view. The visual sensitivity of this view is low. The primary viewers are the small numbers of people who use the alley to access the back sides of their lots. The addition of the widened ballast berm and the second track to the rail right-of-way will have little impact on the views of the residents of the homes that back up to the alley. For the most part, these homes are one story in height, and with solid fences and trees located along their northern property lines these features would screen views toward the changes in the right-of-way from the windows of the homes and also from the back yards. Given the very low level of visual change and the low level of viewer sensitivity, the project's overall level of impact would be less than significant.

Lighting

The project area is located in a highly modified suburban landscape with many existing sources of bright lighting. In particular, existing lighting in the project area is associated with surrounding industrial and commercial land uses which have exterior building mounted and typical pole-mounted fixtures in their respective parking areas as well as along street corridors. In addition, signal lighting is also mounted on the swing gates at each of corridor street crossings. The existing lighting at the Rialto Metrolink Station consists of light fixtures mounted on top of tall, retro street light -type poles along the length of the platform and throughout the landscaped areas within the surface parking areas.

The proposed lighting plan for the Project includes light fixtures which will be installed at the new platform on the south side of the tracks that will have a contemporary design that includes hoods designed to focus the light where it is needed and to prevent light spill outside the station area or directly into the sky. The new lighting proposed at the station and the lighting associated with relocation of existing railroad signal warning devices would have very little effect on existing lighting conditions in the nearby industrial, commercial, and residential areas.

Nighttime construction lighting activities are anticipated for the project (one weekend per at-grade crossing; 8 weekends in total). SBCTA will coordinate with the Cities of Rialto to implement a lighting plan that minimizes potential lighting effects on the surrounding area to the extent feasible consistent with worker safety codes and regulations.

Conclusions and Mitigation

Visual impacts are determined by assessing changes to the visual resources and predicting viewer response to those changes. The levels of visual changes brought about by the Project's various features would range from none to moderate. The greatest visual changes would be those brought about by the proposed pedestrian crossing structure at the Rialto Metrolink Station. When the moderate levels of visual change are considered in the context of the low to moderate levels of visual sensitivity in this

area, the overall levels of visual impact would be moderately low to moderate. In other areas along the Project corridor, the visual changes would be minor and would have very little effect on the visual experience of nearby residents, users of nearby industrial and commercial facilities, or those traveling through the area.

Because the levels of visual impact created by the Proposed Project would be no more than moderate, no visual mitigation measures are required.

Figures

Frame 1a



Legend

- Existing Track
- New Track
- - - Retaining Walls and Short Perimeter Walls
- Right-of-Way
- ▲ Quiet Zone Improvements
- - - East Rialto Storm Drain
- ◆ Locations of the Views Presented on the Figures
- View Direction

Basemap Source:
1. ESRI World Imagery

Frame 1b

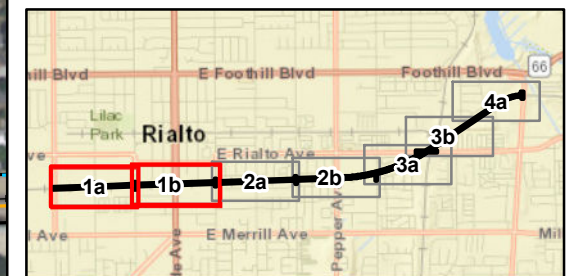
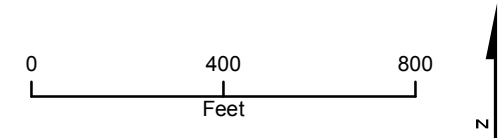


Figure 1 Sheet 1 of 5
Project Components and
Viewpoint Locations Map
SBCTA Double Track Project
Rialto, California

Frame 1b Station Area Detail



Legend

- Existing Track
- New Track
- Retaining Walls and Short Perimeter Walls
- Potential Passenger Overcrossing
- Potential Passenger Undercrossing
- New Station Platform
- Right-of-Way
- Quiet Zone Improvements
- East Rialto Storm Drain
- Locations of the Views Presented on the Figures
- View Direction

Basemap Source:
1. Google Earth Aerial Imagery

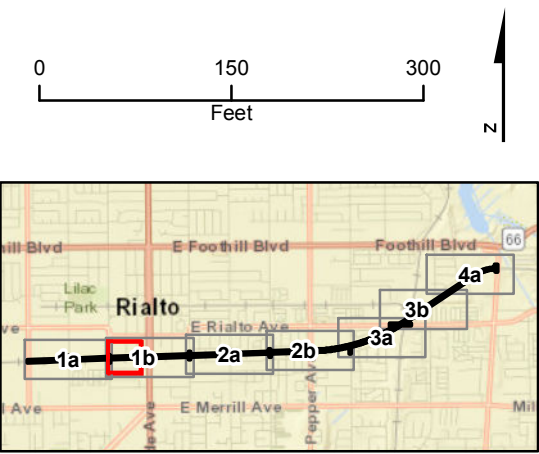
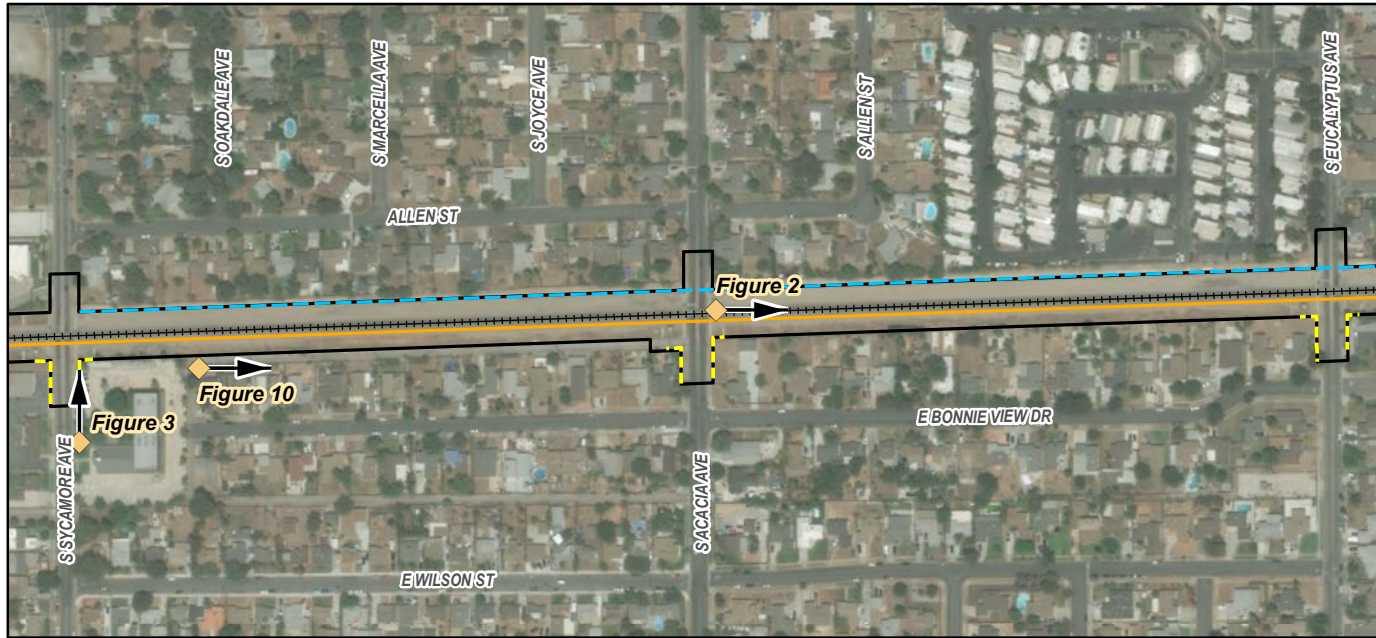


Figure 1 Sheet 2 of 5
Project Components and
Viewpoint Locations Map
SBCTA Double Track Project
Rialto, California



Frame 2a



Legend

- Existing Track
- New Track
- - - - Retaining Walls and Short Perimeter Walls
- Right-of-Way
- ▲ Quiet Zone Improvements
- East Rialto Storm Drain
- ◆ Locations of the Views Presented on the Figures
- View Direction

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1. ESRI World Imagery

Frame 2b

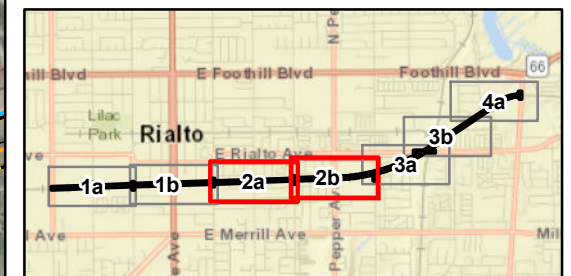
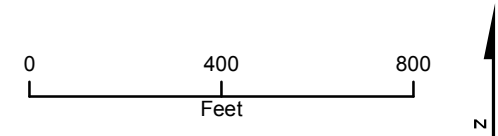
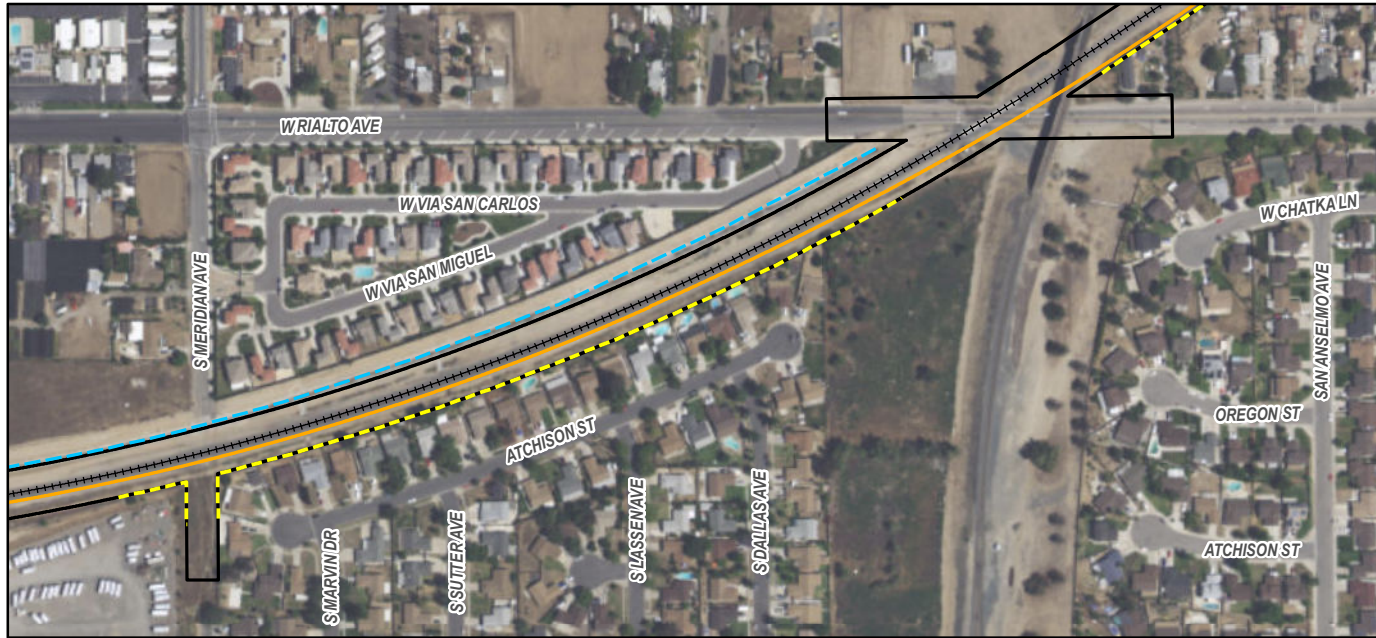


Figure 1 Sheet 3 of 5
Project Components and
Viewpoint Locations Map
SBCTA Double Track Project
Rialto, California

Frame 3a



Legend

- ++++ Existing Track
- New Track
- - - Retaining Walls and Short Perimeter Walls
- ▭ Right-of-Way
- ▲ Quiet Zone Improvements
- - - East Rialto Storm Drain
- ◆ Locations of the Views Presented on the Figures
- ➔ View Direction

Basemap Source:
1. ESRI World Imagery

Frame 3b

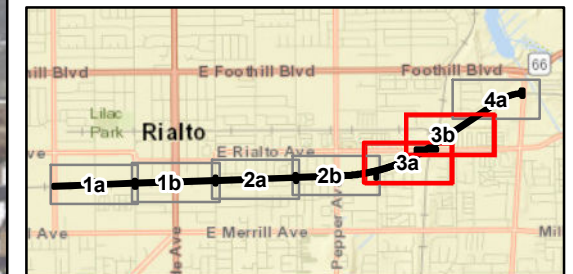
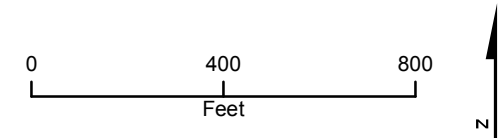


Figure 1 Sheet 4 of 5
Project Components and
Viewpoint Locations Map
SBCTA Double Track Project
Rialto, California

Frame 4a



Legend

- Existing Track
- New Track
- - - Retaining Walls and Short Perimeter Walls
- Right-of-Way
- ▲ Quiet Zone Improvements
- - - East Rialto Storm Drain
- ◆ Locations of the Views Presented on the Figures
- View Direction

Basemap Source:
1. ESRI World Imagery

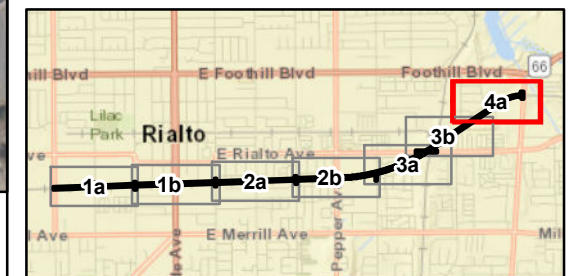
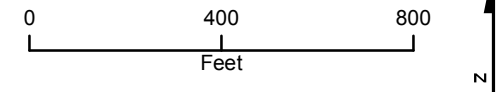


Figure 1 Sheet 5 of 5
Project Components and
Viewpoint Locations Map
SBCTA Double Track Project
Rialto, California



Viewpoint 1. Existing view looking east down the rail corridor from South Acacia Avenue.

Figure 2
SBCTA Double Track Project
Rialto, California



Figure 3. Viewpoint 2. Existing view looking north toward the rail corridor crossing of South Sycamore Avenue.

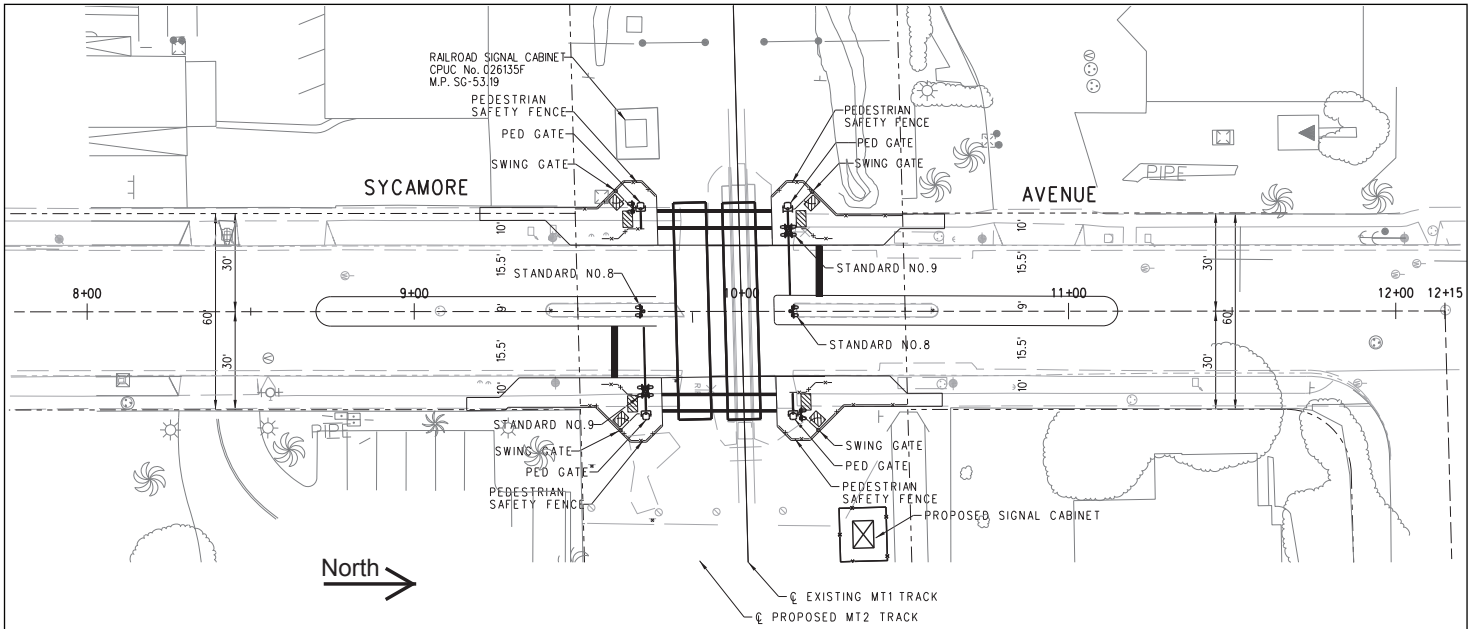


Figure 4. South Sycamore Avenue Grade Crossing Improvement Plan.

Figures 3 and 4
SBCTA Double Track Project
Rialto, California





Figure 5. Viewpoint 3. Existing view looking east from South Willow Avenue toward the Rialto Metrolink Station.

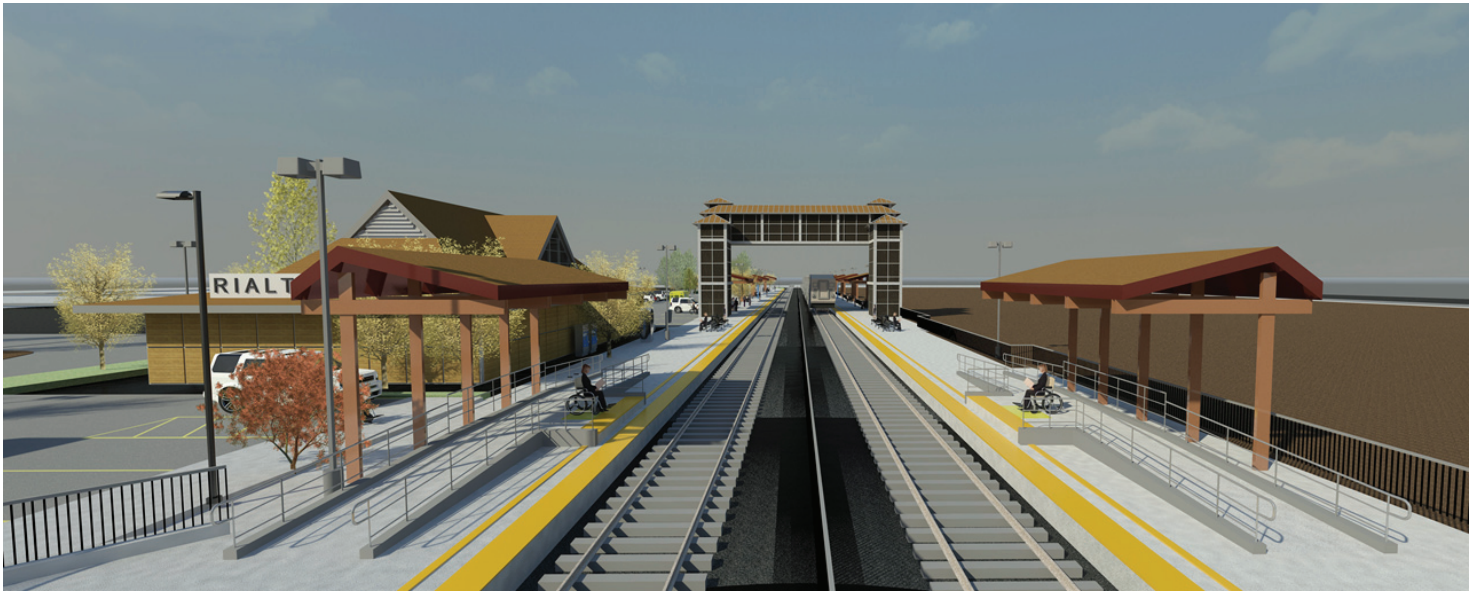


Figure 6. Rendering of the proposed passenger overcrossing structure at the Rialto Metrolink Station, seen from the west.

Figures 5 and 6
SBCTA Double Track Project
Rialto, California





Rendering of the proposed passenger undercrossing at the Rialto Metrolink Station, seen from the west at an oblique angle.

Figure 7
SBCTA Double Track Project
Rialto, California



Figure 8. Viewpoint 4. Existing view from the Rialto Metrolink Station parking lot, looking toward the station from the northeast.



Figure 9. Rendering of the proposed passenger overcrossing structure at the Rialto Metrolink Station, seen from the northeast.

Figures 8 and 9
SBCTA Double Track Project
Rialto, California



Viewpoint 5. Existing view looking east in the alley located along the southern edge of the rail corridor in the area between South Sycamore and Acacia Avenues.

Figure 10
SBCTA Doble Track Project
Rialto, California

Appendix C

Air Quality Technical Report

Air Quality Technical Report San Bernardino County Transportation Authority, Lilac to Rancho Double Track Project

Prepared for

San Bernardino County Transportation
Authority

April 2018



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Acronyms and Abbreviations

°F	degrees Fahrenheit
µg/m ³	microgram(s) per cubic meter
AB	Assembly Bill
AQMP	Air Quality Management Plan
ATCM	Airborne Toxic Control Measure
BMP	best management practice
CAA	Clean Air Act
CAAQS	California Ambient Air Quality Standards
Cal/EPA	California Environmental Protection Agency
CalEEMod	California Emission Estimator Model
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CDMG	California Department of Conservation, Division of Mines and Geology
CEQA	California Environmental Quality Act
CFC	Chlorofluorocarbons
CFR	Code of Federal Regulations
CH ₄	methane
CO	carbon monoxide
CO ₂	carbon dioxide
CO ₂ e	carbon dioxide equivalent
CP	Control Point
DOT	U.S. Department of Transportation
EO	Executive Order
EPA	U.S. Environmental Protection Agency
FHWA	Federal Highway Administration
GHG	greenhouse gas
HCFC	hydro-chlorofluorocarbon
IPCC	Intergovernmental Panel on Climate Change
lb/day	pounds per day
Metro	Los Angeles County Metropolitan Transportation Authority
MMT	million metric tons
MP	milepost
MPO	Metropolitan Planning Organization

ACRONYMS AND ABBREVIATIONS

MSAT	mobile source air toxic
N ₂ O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NEPA	National Environmental Policy Act
NHTSA	National Highway Traffic Safety Administration
No.	Number
NO ₂	nitrogen dioxide
NOA	naturally occurring asbestos
NO _x	nitrogen oxides
PFC	perfluorocarbon
PM	particulate matter
PM ₁₀	respirable particulate matter less than 10 micrometers in aerodynamic diameter
PM _{2.5}	particulate matter less than 2.5 micrometers in aerodynamic diameter
ppb	parts per billion
ppm	parts per million
RCP	reinforced concrete pipe
ROG	reactive organic gas
RPS	Renewables Portfolio Standard
RTP	Regional Transportation Plan
SB	Senate Bill
SBCTA	San Bernardino County Transportation Authority
SBL	San Bernardino Line
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
SCS	Sustainable Communities Strategy
SF ₆	sulfur hexafluoride
SIP	State Implementation Plan
SO ₂	sulfur dioxide
TAC	toxic air contaminant
UPRR	Union Pacific Railroad
VMT	vehicle miles traveled
SBCFCD	San Bernardino County Flood Control District
TMP	Traffic Management Plan

Project Description

The San Bernardino County Transportation Authority (SBCTA) and the Los Angeles County Metropolitan Transportation Authority (Metro) completed the Metrolink San Bernardino Line (SBL) Infrastructure Improvement Strategic Study in September 2014. The SBL, also known as the San Gabriel Subdivision, is a 55-mile rail corridor operated by Metrolink for the Southern California Regional Rail Authority to provide commuter rail service between Los Angeles Union Station and the San Bernardino Station. The BNSF Railway and the Union Pacific Railroad (UPRR) also use this critical rail line as a shared corridor, which is also the busiest commuter rail line in Southern California, and have several industrial tracks to provide freight service for the region.

The purpose of the SBL Study was to identify cost-effective infrastructure improvements to provide increased average train speed, reduced travel times, and enhanced overall capacity of the Metrolink SBL. The Study recommended the construction of a second mainline track within two of the five existing single-track corridors on the SBL: the Metro Lone Hill to Control Point (CP) White Double Track Project, and the SBCTA CP Lilac to CP Rancho Double Track Project (Proposed Project).

These projects are critical to regional mobility because they would enhance rail operations on the busiest commuter rail line in Southern California.

SBCTA, as the owner of the rail corridor within San Bernardino County and the lead agency, is proposing to complete the Preliminary Engineering and Environmental Clearance of approximately 3 miles of a second main line track between CP Lilac milepost (MP) 52.4 to approximately CP Rancho, near MP 55.1 on the SBL. The Double Track Project would consist of the following features and evaluations:

- The addition of a second track through each of the existing eight at-grade crossings starting at Lilac Avenue in the City of Rialto on the west end of the Proposed Project and ending east of Rialto Avenue in the City of San Bernardino on the east end of the Proposed Project.
- The addition of a second passenger platform on the south side of the existing Metrolink Rialto Station with architectural and other station facility required improvements.
- The evaluation of three pedestrian access design options to the new south side platform:
 - Option 1 – Pedestrian Overpass
 - Option 2 – Pedestrian Underpass
 - Option 3 – At-Grade Pedestrian Crossing
- The protection in-place of the existing UPRR Colton Cut-off Overpass near Rialto Avenue and compliance with horizontal and vertical clearances.
- The removal of the existing No. 20 Right-Hand turnout west of Lilac Avenue, or consideration of the construction of a crossover. The removal of the existing turnout would require “straight railing” the track to properly tie into the proposed second main line track on the north side of the existing main line track.
- The construction of a new No. 20 Left-Hand turnout east of Rialto Avenue. The exact location of the proposed east end of the project would be evaluated to provide a “best fit” alignment on a tangent segment between approximately MP 54.9 and MP 55.06.
- Railroad signals as well as Positive Train Control (PTC) considerations and required improvements.
- Necessary retaining.

- Existing culvert extensions and protection in-place as required. There are three 24-inch reinforced concrete pipe (RCP) and one 42-inch RCP near the west end of the Rialto station, and 48-inch and 36-inch RCP's east of Pepper Avenue.
- Civil improvements including grading, drainage, and utilities. The existing San Bernardino County Flood Control District (SBCFCD) "East Rialto Storm Drain" flood control channel on the north side and drainage ditches on the south side of the right-of-way would be evaluated to be protected in-place and mitigated accordingly.
- Quiet Zone Feasibility Study for each of the eight at-grade crossings within the double track footprint. In addition, two at-grade crossings, Cactus Avenue on the west and Rancho Avenue on the east, would also be evaluated.
 - Quiet Zone features, potentially including but not limited to way-side horns, quad-gates, and additional access/crossing controls.
 - Traffic, including preliminary Traffic Management Plan (TMP), emergency access, and other ingress/egress issues.

Work includes the necessary associated civil, structural, track, signals, and PTC improvements. Five of the at-grade railroad crossings are within the City of Rialto and two are in the City of San Bernardino; one crossing (Eucalyptus Avenue) is in both cities as the southbound lane is in the City of Rialto and the northbound lane is in the City of San Bernardino. Conceptual alternative analysis for the alignment of the second track has been performed to determine the most feasible track alignment, placing the second track either north or south of the existing mainline track. SBCTA evaluated the feasibility of placing approximately 1.5 mile of the second track on the north side of the existing track, from Riverside Avenue to a point just west of Rialto Avenue (Moffatt & Nichol, 2017). However, through a feasibility analysis, it was determined that placing the second track on the south side of the existing track would be the preferred alternative. The preferred second track alignment alternative would be advanced to the preliminary engineering design (30 percent) level.

Regulatory Setting

2.1 Federal Requirements

2.1.1 Clean Air Act and National Ambient Air Quality Standards

Federal air quality policies are regulated through the federal Clean Air Act (CAA). The U.S. Environmental Protection Agency (EPA) adopted the CAA in 1970 and its amendments in 1977 and 1990. Pursuant to the CAA, EPA has established nationwide air quality standards to protect public health and welfare with an adequate margin of safety. These federal standards, known as the National Ambient Air Quality Standards (NAAQS), represent the maximum allowable atmospheric concentrations and were developed for six criteria pollutants: ozone, nitrogen dioxide (NO₂), carbon monoxide (CO), particulate matter less than 10 micrometers in aerodynamic diameter (PM₁₀), particulate matter less than 2.5 micrometers in aerodynamic diameter (PM_{2.5}), sulfur dioxide (SO₂), and lead. The NAAQS represent safe levels of each pollutant to avoid specific adverse effects to human health and the environment. The NAAQS are summarized in Table 2-1.

The federal CAA requires EPA to classify areas in the country as attainment or nonattainment, with respect to each criteria pollutant, depending on whether the areas meet the applicable NAAQS. Three air quality designations can be given to an area for a particular pollutant:

- **Nonattainment:** Ambient air quality monitoring data indicate that standards have not been consistently achieved.
- **Attainment:** Air quality standards have been achieved.
- **Unclassified:** There are not enough monitoring data to determine whether the area is in nonattainment or attainment.

Maintenance areas are the former nonattainment areas that are now consistently meeting the NAAQS, and have been reclassified by EPA from "nonattainment" to "attainment with a maintenance plan."

The 1977 CAA amendments required each state to develop and maintain a State Implementation Plan (SIP) for each criteria pollutant that violates the applicable NAAQS. The SIP serves as a tool to avoid and minimize emissions of pollutants that would exceed ambient threshold criteria and to achieve compliance with the NAAQS. In 1990, the CAA was amended to strengthen regulation of both stationary and mobile emission sources for criteria pollutants.

Table 2-1. Ambient Air Quality Standards

Pollutant	Averaging Time	CAAQS ^a	NAAQS ^b	
			Primary ^c	Secondary ^d
Ozone	8 hours	0.070 ppm	0.070 ppm	0.070 ppm
	1 hour	0.09 ppm	—	—
PM ₁₀	Annual Arithmetic Mean	20 µg/m ³	—	—
	24 hours	50 µg/m ³	150 µg/m ³	150 µg/m ³
PM _{2.5}	Annual Arithmetic Mean	12 µg/m ³	12 µg/m ³	15 µg/m ³
	24 hours	—	35 µg/m ³	35 µg/m ³
CO	8 hours	9.0 ppm	9 ppm	—
	1 hour	20 ppm	35 ppm	—
NO ₂	Annual Arithmetic Mean	0.03 ppm	0.053 ppm	0.053 ppm
	1 hour	0.18 ppm	0.100 ppm	—

Table 2-1. Ambient Air Quality Standards

Pollutant	Averaging Time	CAAQS ^a	NAAQS ^b	
			Primary ^c	Secondary ^d
SO ₂	24 hours	0.04 ppm	—	—
	3 hours	—	—	0.5 ppm
	1 hour	0.25 ppm	0.075 ppm ^g	—
Lead ^e	Calendar Quarter	—	1.5 µg/m ³ (certain areas)	1.5 µg/m ³
	Rolling 3-month Average	—	0.15 µg/m ³	—
	30-day Average	1.5 µg/m ³	—	—
Visibility-reducing Particles	8 hours	f	—	—
Sulfates	24 hours	25 µg/m ³	—	—
Hydrogen Sulfide	1 hour	0.03 ppm	—	—
Vinyl Chloride ^e	24 hours	0.01 ppm	—	—

Source: California Air Resources Board (CARB), 2016

Notes:

- ^a California standards for ozone, CO (except Lake Tahoe), SO₂ (1-hour and 24-hour), NO₂, and suspended particulate matter (PM₁₀, PM_{2.5}, and visibility-reducing particles) are values that are not to be exceeded. All others are not to be equaled or exceeded.
- ^b National standards other than ozone, PM, and those based on annual averages or annual arithmetic means are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration in a year, averaged over 3 years, is equal to or less than the standard. For PM₁₀, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above 150 µg/m³ is equal to or less than 1. For PM_{2.5}, the 24-hour standard is attained when 98 percent of the daily concentrations, averaged over 3 years, is equal to or less than the standard.
- ^c National Primary Standards: The levels of air quality necessary, with an adequate margin of safety, to protect the public health.
- ^d National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.
- ^e The CARB has identified lead and vinyl chloride as toxic air contaminants (TACs) with no threshold level of exposure for adverse health effects determined. CARB made this determination following the implementation of control measures at levels below the ambient concentrations specified for these pollutants.
- ^f In 1989, the CARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.
- ^g Final rule signed June 2, 2010. To attain this standard, the 3-year average of the 99th percentile of the daily maximum 1-hour average at each monitor within an area must not exceed 75 parts per billion (ppb).

µg/m³ = micrograms per cubic meter

CAAQS = California Ambient Air Quality Standards

ppm = parts per million (by volume)

2.1.2 Transportation Conformity Rules

The conformity requirement is based on the federal CAA Section 176(c), which prohibits the U.S. Department of Transportation (DOT) and other federal agencies from funding, authorizing, or approving plans, programs, or projects that do not conform to the applicable SIP for attaining the NAAQS. Transportation conformity applies to highway and transit projects and takes place on two levels: the regional—or planning and programming—level, and the project level. A transportation project must conform at both levels to be approved.

Conformity requirements apply only in nonattainment and maintenance areas for the NAAQS, and only for the specific NAAQS that are or were violated. Conformity requirements do not apply in

unclassifiable/attainment areas for NAAQS and do not apply at all for state standards regardless of the status of the area.

The Proposed Project is anticipating federal funding and is a transit project located in a federal nonattainment area for ozone and PM_{2.5}, and a federal maintenance area for PM₁₀, NO₂, and CO. However, the project is exempt from transportation conformity determination. According to 40 Code of Federal Regulations (CFR) 93.126 Table 2: Exempt Projects, a project that is for reconstruction or renovation of transit buildings and structures (for example, rail or bus buildings, storage and maintenance facilities, stations, terminals, and ancillary structures), or for rehabilitation or reconstruction of track structures, track, and tracked in existing rights-of-way, is exempt from conformity determination.

2.1.3 Mobile Source Air Toxics

In addition to the criteria pollutants, EPA also regulates air toxic emissions. Controlling air toxic emissions became a national priority with the passage of the Clean Air Act Amendments of 1990, whereby Congress mandated that the EPA regulates 188 air toxics, also known as hazardous air pollutants. The EPA has assessed this expansive list in their latest rule on the Control of Hazardous Air Pollutants from Mobile Sources (Federal Register, Vol. 72, No. 37, page 8430, February 26, 2007), and identified a group of 93 compounds emitted from mobile sources that are listed in their Integrated Risk Information System (<http://www.epa.gov/iris/>). In addition, EPA identified nine compounds with significant contributions from mobile sources that are among the national- and regional-scale cancer risk drivers or contributors and non-cancer hazard contributors from the 2011 National Air Toxics Assessment. These are 1,3-butadiene, acetaldehyde, acrolein, benzene, diesel particulate matter (diesel PM), ethylbenzene, formaldehyde, naphthalene, and polycyclic organic matter. The 2007 EPA rule mentioned above requires controls that will dramatically decrease mobile source air toxic (MSAT) emissions through cleaner fuels and cleaner engines (FHWA, 2016). Currently, no federal or state ambient air quality standards exist for MSATs.

2.1.4 Greenhouse Gases and Climate Change

Greenhouse gases (GHGs) include both naturally occurring and anthropogenic gases that trap heat in the earth's atmosphere. GHGs include, but are not limited to, carbon dioxide (CO₂), methane (CH₄), nitrous oxide (N₂O), hydro-chlorofluorocarbons (HCFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF₆). These gases trap the energy from the sun and help maintain the temperature of the Earth's surface, creating a process known as the greenhouse effect. These emissions occur from natural processes and human activities. The accumulation of GHGs in the atmosphere influences the long-term range of average atmospheric temperatures. Scientific evidence indicates a trend of increasing global temperature over the past century due to an increase in GHG emissions from human activities. The climate change associated with this global warming is predicted to produce economic and social consequences across the globe.

Climate change and its associated effects are being addressed through various efforts at the federal level to improve fuel economy and energy efficiency, such as Executive Order (EO) 13693 – *Planning for Federal Sustainability in the Next Decade*, signed on March 19, 2015. EO 13693 sets a goal of 40 percent reduction in GHG emissions by implementing more efficient federal agency operations. It focuses on reducing GHGs internally in federal agency missions, programs, and operations.

EPA's authority to regulate GHG emissions stems from the U.S. Supreme Court decision in *Massachusetts v. EPA* (2007). The Supreme Court ruled that GHGs meet the definition of air pollutants under the existing CAA and must be regulated if these gases could be reasonably anticipated to endanger public health or welfare. Responding to the Court's ruling, EPA finalized an endangerment finding in December 2009. Based on scientific evidence it found that six GHGs constitute a threat to

public health and welfare. Thus, it is the Supreme Court’s interpretation of the existing Act and EPA’s assessment of the scientific evidence that form the basis for EPA’s regulatory actions. EPA in conjunction with the National Highway Traffic Safety Administration (NHTSA) issued the first of a series of GHG emission standards for new cars and light-duty vehicles in April 2010.

The EPA and NHTSA are taking coordinated steps to enable the production of a new generation of clean vehicles with reduced GHG emissions and improved fuel efficiency from on-road vehicles and engines. These next steps include developing the first-ever GHG regulations for heavy-duty engines and vehicles, as well as additional light-duty vehicle GHG regulations.

The final combined standards that made up the first phase of this national program apply to passenger cars, light-duty trucks, and medium-duty passenger vehicles, covering model years 2012 through 2016. The standards implemented by this program are expected to reduce GHG emissions by an estimated 960 million metric tons and 1.8 billion barrels of oil over the lifetime of the vehicles sold under the program (model years 2012 through 2016).

On August 28, 2012, EPA and NHTSA issued a joint Final Rulemaking to extend the National Program for fuel economy standards to model years 2017 through 2025 passenger vehicles. Over the lifetime of the model year 2017 through 2025 standards, this program is projected to save approximately 4 billion barrels of oil and 2 billion metric tons of GHG emissions.

The complementary EPA and NHTSA standards that make up the Heavy-Duty National Program apply to combination tractors (semi-trucks), heavy-duty pickup trucks and vans, and vocational vehicles (including buses and refuse or utility trucks). Together, these standards will cut GHG emissions and domestic oil use significantly. This program responds to President Barack Obama’s 2010 request to jointly establish GHG emissions and fuel efficiency standards for the medium- and heavy-duty highway vehicle sector. The agencies estimate that the combined standards will reduce CO₂ emissions by about 270 million metric tons and save about 530 million barrels of oil over the life of model year 2014 through 2018 heavy duty vehicles.

In March 2013, EPA proposed Tier 3 Motor Vehicle Emission and Fuel Standards to reduce air pollution from passenger cars and trucks to set new vehicle emissions standards and lower the sulfur content of gasoline, considering the vehicle and its fuel as an integrated system.

Currently, there are no approved federal thresholds to determine the significance of GHG emissions and climate change impacts from transportation projects.

2.2 State Requirements

2.2.1 California Ambient Air Quality Standards

The CARB oversees California air quality policies and is responsible for preparing and submitting the California SIP to the EPA. In addition, CARB began to establish the CAAQS in 1969. These standards are generally more stringent than the NAAQS, and include four additional pollutants: sulfates, hydrogen sulfide, vinyl chloride, and visibility-reducing particulates. The California CAA, which was approved in 1988, requires each local air district in the state to prepare an Air Quality Management Plan (AQMP) to achieve compliance with the CAAQS. CAAQS are shown in Table 2-1. Similar to EPA, the CARB designates counties in California as attainment or non-attainment with respect to the CAAQS.

2.2.2 Air Toxics

California regulates TACs through its Air Toxics Program, which is mandated in Chapter 3.5 of the Health and Safety Code – *Toxic Air Contaminants*, and Part 6 – *Air Toxics Hot Spots Information and Assessment* (Sections 39660 et seq. and 44300 et seq., respectively). TACs consist of a variety of compounds, including metals, minerals, soot, and hydrocarbon-based chemicals. There are hundreds of different

types of air toxics, with varying degrees of toxicity. Sources of TACs include industrial processes such as petroleum refining and chrome-plating operations, commercial operations such as gasoline stations and dry cleaners, and motor vehicle exhaust.

The regulatory approach used in controlling TAC levels relies on a quantitative risk assessment process rather than ambient air conditions to determine allowable emission levels from the source. In addition, for carcinogenic air pollutants, there is no safe concentration in the atmosphere. Locally elevated concentrations for some TACs can pose a health risk and are termed “toxic hot spots.”

In 1998, the California Environmental Protection Agency’s (Cal/EPA’s) Office of Environmental Health Hazard Assessment completed a comprehensive health assessment of diesel exhaust. This assessment formed the basis for a decision by the CARB to formally identify particles in diesel exhaust as a TAC that may pose a threat to human health.

The CARB has adopted a Diesel Risk Reduction Plan (CARB, 2000) with control measures that would reduce the overall diesel PM emissions by about 85 percent from 2000 to 2020. The recommended measures can be grouped as follows: measures addressing on-road vehicles; measures addressing off-road equipment and vehicles; and measures addressing stationary and portable engines. These measures include EPA’s 2007 new heavy-duty truck standards and the 2006 low-sulfur fuel limits.

2.2.3 Greenhouse Gases and Climate Change

With the passage of several pieces of legislation including State Senate Bills (SBs), Assembly Bills (ABs), and EOs, California launched an innovative and pro-active approach to dealing with GHG emissions and climate:

- AB 1493, Pavley, Vehicular Emissions: Greenhouse Gases, 2002: This bill requires the CARB to develop and implement regulations to reduce automobile and light truck GHG emissions. These stricter emission standards were designed to apply to automobiles and light trucks beginning with the 2009-model year.
- EO S-3-05, June 1, 2005: The goal of this EO is to reduce California’s GHG emissions to (1) year 2000 levels by 2010, (2) year 1990 levels by the 2020, and (3) 80 percent below the year 1990 levels by 2050. In 2006, this goal was further reinforced with the passage of AB 32.
- AB 32, the Global Warming Solutions Act of 2006: AB 32 sets the same overall GHG emissions reduction goals as outlined in EO S-3-05, while further mandating that CARB create a scoping plan and implement rules to achieve “real, quantifiable, cost-effective reductions of greenhouse gases.” In December 2008, CARB approved the initial scoping plan, which included a suite of measures to sharply cut GHG emissions. Key elements of the initial scoping plan included the following:
 - Expand and strengthen energy efficiency programs, including building and appliance standards.
 - Increase electricity generation from renewable resources to at least 33 percent of the statewide electricity mix by 2020.
 - Establish targets for passenger-vehicle-related GHG emissions in regions throughout California and pursue policies and incentives to achieve those targets. Included with this strategy is support for the development and implementation of a high-speed rail system to expand mobility choices and reduce GHG emissions.
 - Adopt and implement measures pursuant to existing state laws and policies, including California’s clean car standards and the Low Carbon Fuel Standard.
 - Develop a cap-and-trade program so that the target is met while providing flexibility to California businesses to reduce emissions at a low cost.

In May 2014, CARB approved the *First Update to the Climate Change Scoping Plan* (Update) (CARB, 2014). The Update identifies opportunities to leverage existing and new funds to further drive GHG emission reductions through strategic planning and targeted low carbon investments. The Update highlights California's progress toward meeting the "near-term" 2020 GHG emission reduction goals defined in the initial scoping plan. It also evaluates how to align the state's "longer-term" GHG reduction strategies with other state policy priorities for water, waste, natural resources, clean energy, transportation, and land use.

- EO S-20-06, October 18, 2006: This order establishes the responsibilities and roles of the Secretary of the Cal/EPA and state agencies with regard to climate change.
- EO S-01-07, January 18, 2007: This order sets forth the low carbon fuel standard for California. Under this EO, the carbon intensity of California's transportation fuels is to be reduced by at least 10 percent by 2020.
- SB 97, Chapter 185, 2007, Greenhouse Gas Emissions: This bill requires the Governor's Office of Planning and Research to develop recommended amendments to the California Environmental Quality Act (CEQA) Guidelines for addressing GHG emissions. The amendments became effective on March 18, 2010.
- SB 375, Chapter 728, 2008, Sustainable Communities and Climate Protection: This bill requires the CARB to set regional emissions reduction targets from passenger vehicles. The Metropolitan Planning Organization (MPO) for each region must then develop a "Sustainable Communities Strategy" (SCS) that integrates transportation, land use, and housing policies to plan for the achievement of the emissions target for their region.
- SB 391, Chapter 585, 2009 California Transportation Plan: This bill requires the State's long-range transportation plan to meet California's climate change goals under AB 32.
- Renewables Portfolio Standard (RPS): Established in 2002 under SB 1078, accelerated in 2006 under SB 107, and expanded in 2011 under SB 2, California's RPS is one of the most ambitious renewable energy standards in the country. The RPS program requires investor-owned utilities, electric service providers, and community choice aggregators to increase procurement from eligible renewable energy resources to 33 percent of total procurement by 2020.
- California EO B-30-15, 2015. California EO B-30-15, which was signed by Governor Jerry Brown in April 2015, calls for a California GHG reduction target of 40 percent below 1990 levels by 2030. This is the most aggressive GHG emissions reduction goal in North America.
- SB 32 (California Global Warming Solutions Action of 2006: Emissions Limit) and AB 197 (State Air Resources Board: Greenhouse Gases: Regulations, 2016) extends the state's GHG emission reduction targets, while simultaneously passing a CARB reform bill. SB 32 (Chapter 249, 2016) establishes a new target for GHG emission reductions in the state at 40 percent of 1990 levels by 2030. This new target passed exactly one decade after AB 32, which required CARB to work to reduce California's statewide GHG emissions to 1990 levels by 2020. SB 32 was tied to AB 197 (Chapter 250, 2016), a measure to increase legislative oversight of CARB, creating a Joint Legislative Committee on Climate Change Policies to ascertain facts and make recommendations to the Legislature concerning the state's programs, policies, and investments related to climate change. The bills became effective on January 1, 2017.

On January 20, 2017, CARB released *The 2017 Climate Change Scoping Plan Update: The Proposed Strategy for Achieving California's 2030 Greenhouse Gas Target* (CARB, 2017d). The proposed framework includes the following elements:

- 50 percent renewable energy
- 50 percent reduction in statewide vehicular petroleum use
- Doubling of energy efficiency in existing buildings
- Carbon sequestration in California's land base
- Aggressive reductions in short-lived climate pollutants, such as black carbon, fluorinated gases, and methane

2.3 Regional Requirements

2.3.1 Air Quality Plans

The project site is located in the City of Rialto and City of San Bernardino within the South Coast Air Basin (SCAB) and under the jurisdiction of South Coast Air Quality Management District (SCAQMD). The SCAB consists of Orange County, the non-desert portions of Los Angeles County, Riverside County, and San Bernardino County. The SCAQMD is the local agency responsible for ensuring that federal and state ambient air quality standards are attained and maintained in the Basin.

SCAQMD prepares the AQMP, which contains measures to comply with state and federal requirements. When approved by CARB and EPA, the AQMP becomes part of the SIP. The most recent EPA-approved South Coast SIPs are the *1997 Air Quality Management Plan* (SCAQMD, 1997) and the *1999 Amendment to the 1997 Ozone AQMP Revision for the South Coast Air Basin and Settlement Agreement on the 1994 Ozone SIP Litigation* (SCAQMD, 1999). The most recent SCAQMD-adopted AQMP is the Final 2016 AQMP that the SCAQMD Governing Board adopted on March 3, 2016 (SCAQMD, 2016). The 2016 AQMP includes the integrated strategies and measures needed to meet the NAAQS. The plan seeks to achieve multiple goals in partnership with other entities promoting reductions in criteria pollutants, GHGs, and toxic risk, as well as efficiencies in energy use, transportation, and goods movement. The 2016 AQMP also includes transportation control measures developed by the Southern California Association of Governments (SCAG) from the 2016 Regional Transportation Plan/ Sustainable Communities Strategy (RTP/SCS).

2.3.2 Greenhouse Gases and Climate Change

SCAQMD has promoted a number of programs to combat climate change. SCAQMD's first formal action to fight GHG occurred in 1991, with the issuance of its Policy on Global Warming and Stratospheric Ozone Depletion, targeting a transition away from CFCs as an industrial refrigerant and propellant in aerosol cans. In the early 1990s, SCAQMD adopted several regulations regarding ozone-depleting compounds, which served as models for state and federal agencies.

On September 5, 2008, the SCAQMD Governing Board approved the SCAQMD Climate Change Policy, which directs SCAQMD to assist the state, cities, local governments, businesses, and residents in areas related to reducing emissions that contribute to global warming (SCAQMD, 2008b).

On September 11, 2011, SCAQMD adopted an air-quality-related energy policy to help guide a unified approach to reducing air pollution while addressing other key environmental concerns, including environmental justice, climate change, and energy independence. The policy integrates air quality, energy, and climate change issues in a coordinated and consolidated manner, and outlines 10 policies

and 10 action steps to help meet federal health-based standards for air quality in the SCAB while promoting the development of zero- and near-zero emission technologies (SCAQMD, 2011).

Affected Environment

3.1 Climate and Meteorological Conditions

Air quality is affected by both the rate and location of pollutant emissions, and by meteorological conditions that influence movement and dispersal of pollutants in the atmosphere. Atmospheric conditions, such as wind speed, wind direction, and air temperature gradients, along with local topography, provide the link between air pollutant emissions and local air quality concentrations.

The Proposed Project is located in the City of Rialto and the City of San Bernardino in the portion of San Bernardino County that is within the SCAB. The SCAB has high air pollution potential due to its climate and topography. The climate of the basin is characterized by warm summers, mild winters, infrequent rainfall, light winds, and moderate humidity. This mild climatological pattern is interrupted infrequently by extremely hot summers, winter storms, and Santa Ana winds. The SCAB is in a coastal plain bounded by the Pacific Ocean to the west; the San Gabriel, San Bernardino, and San Jacinto mountains to the north and east; and the San Diego County line to the south. During the dry season, the Eastern Pacific High-Pressure Area (a semi-permanent feature of the general hemispheric circulation pattern) dominates the weather over much of Southern California, resulting in a mild climate tempered by cool sea breezes with light average wind speed. High mountains surround the rest of the basin perimeter, contributing to the variability of rainfall, temperature, and winds throughout the basin.

At times, the SCAB may experience temperature inversions, a condition characterized by an increase in temperature with an increase in altitude. Under normal atmospheric conditions, temperature decreases with altitude. Under temperature inversion conditions, as polluted air rises, it reaches an area where the ambient temperature exceeds the temperature of the polluted air, thereby limiting vertical dispersion of air pollutants and causing the polluted air to sink, where it can become trapped close to the ground. This may occur during summer, when the interaction between the ocean surface and the lower layers of the atmosphere creates a marine layer. With an upper layer of warm air mass over the cool marine layer, air pollutants are prevented from dispersing upward. Additional air quality problems in the basin can be attributed to the bright sunshine, which may cause a photochemical reaction between hydrocarbons and oxides of nitrogen to form ozone, or smog. During fall and winter, the greatest pollution problems are CO and NO_x emissions, which become trapped and concentrated by an inversion layer.

3.2 Existing Air Quality Conditions

3.2.1 Study Areas and Attainment Status

EPA and CARB designate each county (or portions of counties) within California as attainment, maintenance, or nonattainment based on the area's ability to meet ambient air quality standards. The project is located in San Bernardino County in the portion within SCAB. Table 3-1 summarizes the federal and state attainment status of the project area for the NAAQS and CAAQS, respectively.

Under the federal criteria, the project area is currently designated as nonattainment for ozone and PM_{2.5}. The area is in maintenance for PM₁₀, NO₂, and CO, and is in attainment or unclassified under the NAAQS for SO₂, and lead.

Under the state criteria, the project area is currently designated as nonattainment for ozone, PM₁₀, and PM_{2.5}. The project area is in attainment or unclassified for the state CO, SO₂, NO₂, and lead standards; is

unclassified for the state hydrogen sulfide standard and the visibility-reducing particle standard; and is classified as an attainment area for sulfates and vinyl chloride.

Table 3-1. Federal and State Attainment Status for the Project Area

Pollutant	State Designation	Federal Designation
Ozone (8-hour)	Nonattainment	Extreme Nonattainment
PM ₁₀	Nonattainment	Attainment/Maintenance
PM _{2.5}	Nonattainment	Serious Nonattainment (2006 Standard) Moderate Nonattainment (1997 and 2012 Standard)
CO	Attainment	Attainment/Maintenance
NO ₂	Attainment	Attainment/Maintenance (1971 Standard) Attainment/unclassified (2010 Standard)
Lead	Attainment	Attainment/Unclassified
SO ₂	Attainment/Unclassified	Attainment/Unclassified
Sulfates	Unclassified	No Federal Standard
Hydrogen Sulfide (H ₂ S)	Unclassified	No Federal Standard
Visibility Reducing Particles	Unclassified	No Federal Standard
Vinyl Chloride	Unclassified	No Federal Standard

Sources: State Area Designations (CARB, 2017c). Green Book National Area and County-Level Multi-Pollutant Information (EPA, 2016a).

3.2.2 Monitored Air Quality

SCAQMD operates a network of ambient monitoring stations in the Basin, which includes San Bernardino County. The monitoring station closest to the project area, approximately 3.4 mile to the east of Rancho Avenue, is the San Bernardino 4th Street Station. Table 3-2 contains a list of the maximum pollutant levels measured and the number of days each year that the ambient air concentrations were above the NAAQS and CAAQS from 2012 to 2016. As shown in Table 3-2, ozone concentrations exceeded the 8-hour CAAQS and NAAQS during each of the past 5 years. PM₁₀ concentrations exceeded the 24-hour CAAQS in all 5 years. However, the PM₁₀ NAAQS were not exceeded. PM_{2.5} concentrations exceeded the 24-hour NAAQS during 2 of the past 5 years. The annual PM_{2.5} NAAQS and CAAQS were not exceeded. CO and NO₂ did not exceed the NAAQS or CAAQS.

Table 3-2. Ambient Criteria Pollutant Concentration Data at Air Quality Monitoring Station Closest to the Project

Pollutant	Parameter	2012	2013	2014	2015	2016
Carbon Monoxide (CO)	Max. 1-hour concentration (ppm)	3.1	3.8	4.1	2.3	2.2
	Max. 8-hour concentration (ppm)	1.7	1.7	2.4	1.8	1.7
	No. Days>federal 1-hour std. of >35 ppm	0	0	0	0	0
	No. Days>federal 8-hour std. of >9 ppm	0	0	0	0	0
	No. Days>California 8-hour std. of >9 ppm	0	0	0	0	0
Ozone	Max. 1-hour concentration (ppm)	0.124	0.139	0.121	0.134	0.158
	Max. 8-hour concentration (ppm)	0.109	0.112	0.099	0.117	0.118
	No. Days>federal 8-hour std. of >0.070 ppm	74	51	75	78	106
	No. Days>California 1-hour std. of >0.09 ppm	41	22	38	52	70
Nitrogen Dioxide (NO ₂)	Max. 1-hour concentration (ppm)	0.067	0.0721	0.0726	0.0714	0.060
	Annual average (ppm)	NA	NA	0.018	0.015	0.016
	No. Days>California 1-hour std. of >0.18 ppm	0	0	0	0	0
Respirable Particulate Matter (PM ₁₀)	Max. 24-hour concentration (µg/m ³)	67	66	140	78	88
	Annual average (µg/m ³)	32	32.7	35.8	33.0	36.7
	No. Days>Fed. 24-hour std. of >150 µg/m ³	0	1	1	0	0
	No. Days>California 24-hour std. of >50 µg/m ³	1	2	2	3	NA
Fine Particulate Matter (PM _{2.5})	Max. 24-hour concentration (µg/m ³)	34.8	55.3	32.2	53.5	32.5
	Annual average (µg/m ³)	11.8	11.4	11.2	10.7	10.8
	No. Days>fed. 24-hour std. of >35 µg/m ³	0	1	NA	2	0

Sources: iADAM: Air Quality Data Statistics (<http://www.arb.ca.gov/adam/>), accessed July 2017 (CARB, 2017b).

AirData (<http://www.epa.gov/airdata/>), accessed July 2017 (EPA, 2017). Excluded exceptional events data.

3.2.3 Naturally Occurring Asbestos

Asbestos minerals occur in rock and soil as the result of natural geologic processes, often in veins near earthquake faults in the coastal ranges and the foothills of the Sierra Nevada and other areas of California. Naturally occurring asbestos (NOA) takes the form of long, thin, flexible, separable fibers. Natural weathering or human disturbance can break down NOA to microscopic fibers, which are easily suspended in air. When inhaled, these thin fibers irritate tissues and resist the body's natural defenses. In addition, asbestos-containing materials may have been used in constructing buildings that would be demolished.

Asbestos is a known human carcinogen. It causes cancers of the lung and the lining of internal organs, as well as asbestosis and pleural disease, which inhibit lung function. EPA is addressing concerns about potential effects of NOA in a number of areas in California.

The California Geological Survey identifies ultramafic rocks in California to be the source of NOA, and, in August 2000, the California Department of Conservation, Division of Mines and Geology (CDMG) published *A General Location Guide for Ultramafic Rocks in California – Areas More Likely to Contain*

Naturally Occurring Asbestos. The project area designated by the CDMG as areas not likely to contain NOA (CDMG, 2000).

3.2.4 Mobile Source Air Toxics

Transportation projects may affect the regional or local air toxics concentrations due to the MSAT emissions from vehicles. Nationwide MSAT emissions are expected to be lower than present levels in the future years as a result of EPA's national emissions control programs and fuel economy standards. Using EPA's MOVES2014a model, as shown in Figure 3.1, the Federal Highway Administration (FHWA) estimates that even if vehicle miles traveled (VMT) increase by 45 percent from 2010 to 2050 as forecast, a combined reduction of 91 percent in the total annual emissions for the priority MSATs is projected for the same time period. Diesel PM is the dominant component of MSAT emissions, making up 50 to 70 percent of all priority MSAT pollutants by mass, depending on calendar year (FHWA, 2016).

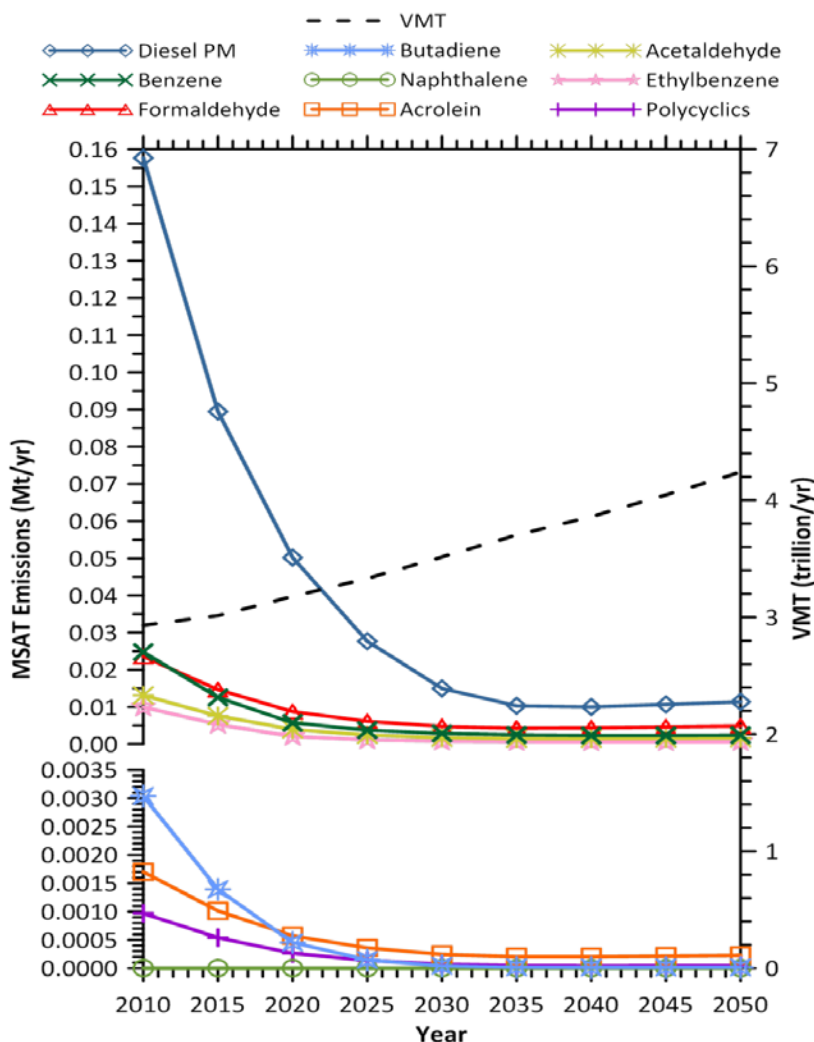


Figure 3-1. FHWA Projected National MSAT Emissions Trends 2010-2050 for Vehicles Operating on Roadways Using EPA's MOVES2014a Model

Note: Trends for specific locations may be different, depending on locally derived information representing VMT, vehicle speeds, vehicle mix, fuels, emission control programs, meteorology, and other factors.

Source: EPA MOVES2014a model runs conducted by FHWA, September 2016.

3.2.5 Sensitive Receptors

Sensitive air quality receptors include receptors such as residences, schools, daycare centers, nursing homes, and hospitals. Land uses in the immediate vicinity of the project are mixed residential and scattered commercial areas. Residential areas are located in close proximity to the tracks. The nearest schools are Rosie's Preschool located approximately 1,000 feet north of the track on Rialto Avenue and Curtis Elementary School approximately 1,200 feet south of the track on Lilac Avenue. Both schools are located near Lilac Avenue. The ambient air concentrations shown in Table 3-2 are representative of the existing conditions experienced by sensitive receptors located in or near the Proposed Project area.

3.2.6 Greenhouse Gases

As a part of AB 32, CARB established an emissions inventory for 1990 and a projected limit for 2020. The statewide 2020 limit is based on the total 1990 GHG emissions inventory and is 427 million metric tons (MMT) carbon dioxide equivalent (CO₂e). The statewide 2020 limit was approved on December 6, 2007, and is not sector specific (CARB, 2007).

In the United States, the main source of GHG emissions is electricity generation, followed by transportation. In California, however, transportation sources (including passenger cars, light-duty trucks, other trucks, buses, and motorcycles) make up the largest portion of GHG-emitting sources (CARB, 2017). The dominant GHG emitted is CO₂, primarily from fossil fuel combustion.

The California GHG emissions inventory compiles statewide anthropogenic GHG emissions and sinks. It includes estimates for CO₂, CH₄, N₂O, SF₆, NF₃, HCFCs, and PFCs. In 2015, the California statewide GHG emissions were 440.4 MMT CO₂e (CARB, 2017a). The transportation sector accounts for about 39 percent of the statewide GHG emissions inventory. The industrial sector accounts for about 23 percent of the total statewide GHG emissions inventory.

Environmental Consequences

This section evaluates the potential impacts of the Proposed Project during construction and operation.

4.1 Long-term Impacts

The potential long-term air quality impacts of the Proposed Project are described in this section. The impact assessment discusses the regional effects of the Proposed Project, CO and PM₁₀/PM_{2.5} hot spot analysis, MSAT effects, and NOA. This section shows that operation of the Proposed Project would be beneficial to the region's air quality.

4.1.1 Regional Effects

As discussed in Chapter 2.1.2, the project is anticipating federal funding; it is a transit project located in a federal nonattainment area for ozone, and a federal maintenance area for CO. However, this project is exempt from transportation conformity determination according to 40 CFR 93.126, as discussed in Section 2.1.2 Transportation Conformity Rules.

Nevertheless, the project will utilize trains with locomotives that comply with the federal and state emission standards. The project is included in the project list of the SCAG-adopted 2016-2040 RTP/SCS (SCAG, 2016), project ID: 4122001. EPA/FHWA made the conformity determination of the 2016-2040 RTP/SCS on June 1, 2016. Inclusion of the project in the conforming RTP/SCS demonstrated that the project would be consistent with the regional SIP.

The number of train trips may increase in future years in comparison to the existing condition due to the projected growth of the region that is unrelated to the project. The project itself would not generate new train trips in comparison to the No Build scenario, but would allow for improved efficiency of passenger rail mobility and service in the project area by providing a second track to reduce train idling time. Reduction of the train idling time and the improved train speed would reduce the emissions from the train in the project area. Therefore, the project would not increase emissions from train operation in comparison to the No Build scenario, and will be beneficial to air quality by reducing train emissions due to the improved mobility.

4.1.2 Localized Effects

Although the project is not subject to a project-level conformity determination for CO and PM₁₀/PM_{2.5}, the potential for CO and PM₁₀/PM_{2.5} hot spots was evaluated for the project to demonstrate that the project would not cause new violations or worsen existing violations to the NAAQS and CAAQS for CO and PM₁₀/PM_{2.5}.

In general, CO and PM₁₀/PM_{2.5} hot spots are likely to occur at affected intersections with increased traffic congestion and/or at locations with substantial increases in diesel truck traffic. The Proposed Project is to build a new second track along the existing track in the current right-of-way, and the improvements are specific to track and platforms in the project area. The new second track and the station improvements would not generate new train trips to the project area but would allow for improved efficiency of train mobility. The new second track would be built along the existing track, the project would not add additional rail crossing. The project is not anticipated to attract large amounts of diesel vehicles to worsen traffic conditions (level of service, traffic volume, and delay) at existing crossings and intersections in the project area; therefore, localized CO and PM₁₀/PM_{2.5} hot spots would not occur at intersections and rail crossings in the project area. The project is not expected to cause an

increase of localized CO and PM₁₀/PM_{2.5} concentrations that create new violations or worsen the existing violations of CO and PM₁₀/PM_{2.5} under the NAAQS and CAAQS.

4.1.3 Mobile Source Air Toxics

The potential long-term MSAT effects would be from operation of the new second track and the stations, and their effects on traffic changes on nearby roadways. Because the project is not expected to create additional train trips to the project area, the project would not result in additional MSAT emissions associated with train trips in the project area. The project is not expected to cause a meaningful change in the vehicle traffic volumes, especially diesel traffic volume near the stations or elsewhere to cause adverse MSAT effects. While the new second track may have the potential to shift the train emissions closer to some of the sensitive receptors, the effects of the shift would be minimal because the project would be within the existing right-of-way. In addition, this effect would be entirely or partially offset by the emission reductions achieved by the reduced train idling in the project area. As such, the project is not expected to cause meaningful MSAT effects and no further analysis is needed.

4.1.4 Naturally Occurring Asbestos

Asbestos may also cause localized impacts if emissions were to occur. Asbestos may occur naturally in serpentine and ultramafic rock and can be released when the rock is broken or crushed. The Asbestos Airborne Toxic Control Measure (ATCM) for construction, grading, quarrying, and surface mining operations was adopted by the CARB on July 26, 2001. This ATCM covers disturbance of areas with NOA, serpentine, or ultramafic rock. According to the CDMG, the Proposed Project would be located in an area that does not contain serpentine or ultramafic rock (CDMG, 2000). Therefore, fugitive asbestos from these naturally occurring materials would not be emitted during construction or operation of the Proposed Project.

4.2 Short-term Impacts

Project construction activities can result in short-term increases in dust and equipment-related emissions in the project vicinity. Exhaust emissions during construction will be generated by fuel combustion in motor vehicles and construction equipment, and particulate emissions will result from soil disturbance, earthwork, and other construction activities. Construction vehicle activity and disruption of normal traffic flow may result in increased motor vehicle emissions within certain areas. Potential air quality impacts will be short-term, occurring only while construction work is in progress. Some phases of construction, particularly asphalt paving, may result in short-term odors in the immediate area of each paving site. Such odors would quickly disperse to below detectable levels as distance from the site increases.

Construction emissions were estimated for the project to evaluate the temporary air quality impacts. Construction of the project would occur for approximately 28 months starting in March 2020. The construction equipment and vehicle emissions of volatile organic compounds, NO_x, CO, SO₂, PM₁₀, and PM_{2.5} were estimated using the California Emission Estimator Model (CalEEMod) (CAPCOA, 2016) based on projected construction duration and estimated numbers and types of equipment. Default equipment settings in CalEEMod were used when project-specific information was not available. Table 4-1 presents the estimated maximum daily construction emissions of the project and comparison to the SCAQMD Air Quality Significance Thresholds (SCAQMD, 2015). Detailed equipment information and assumptions used for the emission estimates are included in the CalEEMod output file in Appendix A.

Table 4-1. Maximum Daily Construction Emissions

	ROG	NO_x	CO	SO₂	PM₁₀	PM_{2.5}
	lb/day	lb/day	lb/day	lb/day	lb/day	lb/day
2020	6.33	62.09	44.55	0.11	4.47	2.94
2021	5.73	53.77	42.57	0.11	4.20	2.61
2022	5.39	48.31	45.36	0.12	3.69	2.33
Worst-case Emissions	6.33	62.09	45.36	0.12	4.47	2.94
SCAQMD Threshold	75	100	550	150	150	55
Exceeds Threshold?	No	No	No	No	No	No

Notes:

lb/day – pounds per day

ROG = reactive organic gas

As shown in Table 4-1, the maximum daily emissions of the project would be below the SCAQMD-proposed Air Quality Significance Thresholds for construction. In addition, the construction impacts to air quality would be short-term in duration and, therefore, would not result in long-term adverse effects. The project construction would comply with SCAQMD Rule 403 to minimize fugitive dust emissions. Best management practices (BMPs), such as maintaining equipment in good operational conditions and limiting vehicle idling time, would be implemented to reduce emissions from construction. Fugitive dust control measures specified in SCAQMD Rule 403, Table 1, including but not limited to the following, will be implemented:

- General – Apply water in sufficient quantities to prevent the generation of visible dust plumes. Implement BMPs from the BMP manual to prevent vehicle track-out.
- For Bulk Materials – Maintain storage piles to avoid steep sides or faces.
- For Trenching – Stabilize surface soils where trencher or excavator and support equipment would operate, and stabilize soils at the completion of trenching activities. For deep trenching activities, pre-trench to 18 inches, soak soils via the pre-trench, and resume trenching. Wash mud and soils from equipment at the conclusion of trenching activities to prevent crusting and drying of soil on equipment.
- For Backfilling – Stabilize backfill material and soil. Empty loader bucket slowly so that no dust plumes are generated. Minimize drop height from loader bucket.
- For Staging Areas – Stabilize staging areas during use, and stabilize staging area soils at project completion. Limit the size of staging areas. Limit vehicle speeds to 15 miles per hour. Limit the number and size of staging area entrances/exits.
- For Off-road Traffic and Parking Areas – Stabilize all off-road traffic and parking areas, and direct construction traffic over established routes. Barriers would be used to ensure vehicles are only used on established parking areas and routes.
- Truck Loading/Material Transport – Use tarps or suitable enclosures on haul trucks, pre-water material prior to loading, and ensure 6 inches of freeboard.
- Laydown and storage areas – locate laydown and storage areas away from residential and other sensitive receptors when practical.

4.3 Greenhouse Gases and Climate Change

Climate change refers to long-term changes in temperature, precipitation, wind patterns, and other elements of the earth's climate system. An ever-increasing body of scientific research attributes these climatological changes to GHG emissions, particularly those generated from the production and combustion of fossil fuels. While climate change has been a concern for several decades, the establishment of the Intergovernmental Panel on Climate Change (IPCC) by the United Nations and World Meteorological Organization in 1988 has led to increased efforts devoted to GHG emissions reduction and climate change research and policy. These efforts are primarily concerned with the emissions of GHGs generated by human activity.

No individual project would generate enough GHG emissions to significantly influence global climate change. Rather, global climate change is a cumulative impact. Currently, there are no applicable quantitative GHG emission thresholds to determine the significance of GHG and climate change impacts of a project. Rather, GHG and climate change effects are largely left to the discretion of lead agencies. For this evaluation, the change in GHG emissions associated with the Proposed Project (relative to the No Build Alternative) are evaluated, along with general conclusions regarding the environmental benefits or effects of the project. Project adaptation to the effects of climate change is also discussed.

4.3.1 Project Greenhouse Gas Emissions

GHG emissions for transportation projects can be those produced during construction and those produced during operations. The purpose of the project is to provide increased average train speed, reduced travel and idling times, and enhanced overall operation of the Metrolink SBL through infrastructure improvements. As discussed in previous sections, the addition of the new second track and the improvements at platform and stations would not increase the number of train trips in comparison to the No Build scenario. The project would not cause an increase of other vehicle traffic in the area. Therefore, GHG emissions from train operation and vehicle travel in the project area would not increase during project operation. Instead, because the project provides double track operation that would improve train speed and reduce idling time, GHG emissions during project operation would likely be lower in comparison to the No Build scenario.

Construction GHG emissions would include emissions produced by onsite construction equipment and offsite haul truck and worker commute trips. The GHG emissions from construction of the project were estimated in terms of CO₂e using CalEEMod. Table 4-2 summarizes the GHG emissions from each year of construction, and an amortized annual GHG emission rate using a 30-year lifetime of the project. As shown in Table 4-2, the amortized GHG emissions from project construction would be minimal, at 102 metric tons per year. This slight increase of the GHG emissions due to project construction would likely be offset partially or entirely by the project benefits of GHG reduction benefits during project operation.

Table 4-2. GHG - Construction Emissions

Emission Year	CO ₂ e (metric tons per year)
2020	1108
2021	1271
2022	666
Total Construction Emissions	3,045
Amortized Annual GHG Emissions	102

Note: Amortized annual GHG emissions were estimated based on 30-year lifetime of the project (SCAQMD, 2008a).

In addition, the Proposed Project would not conflict with any applicable plan, policy, or regulation adopted to reduce GHG emissions in California. SB 375, also known as the Sustainable Communities and Climate Protection Act, requires each State’s federally-designated MPO, including the SCAG, to develop an SCS or an Alternative Planning Strategy that meets the regional GHG emission reduction targets for passenger vehicles set by the CARB. The targets set for the SCAG region are an 8 percent decrease in 2020 and a 13 percent decrease in 2035 relative to 2005 levels. On June 28, 2016, CARB determined that the SCAG’s 2016 RTP/SCS would achieve the GHG emissions reduction targets that the CARB established for the region for 2020 and 2035 (CARB, 2016b). As part of the projects listed in the 2016 RTP/SCS, the Proposed Project would not conflict with, or hinder the implementation of the regional GHG emission reduction plan and strategy.

4.3.2 Climate Change and Adaptation

Global climate change is expressed as changes in the average weather of the earth that are measured by temperature, wind patterns, precipitation, and storms over a long period of time (IPCC, 2013). Over time, scientific understanding of the causes and effects of climate change, and consensus regarding the link between climate change and anthropogenic GHG emissions has increased tremendously.

The most recent U.S. National Climate Assessment explains that, “While scientists continue to refine projections of the future, observations unequivocally show that climate is changing and that the warming of the past 50 years is primarily due to human-induced emissions of heat-trapping gases,” and that “Global climate is projected to continue to change over this century and beyond, but there is still time to act to limit the amount of change and the extent of damaging impacts” (U.S. Global Change Research Program, 2014). The EPA states that, “Greenhouse gas (GHG) pollution threatens the American public’s health and welfare by contributing to long-lasting changes in our climate that can have a range of negative effects on human health and the environment. The impacts could include: longer, more intense and more frequent heat waves; more intense precipitation events and storm surges; less precipitation and more prolonged drought in the West and Southwest; more fires and insect pest outbreaks in American forests, especially in the West; and increased ground level ozone pollution, otherwise known as smog, which has been linked to asthma and premature death” (EPA, 2014).

4.3.2.1 Climate Change Trends in California

The accumulation of GHGs in the atmosphere influences the long-term range of average atmospheric temperatures and contributes to global climate change. Increases in GHG emissions and atmospheric GHG concentrations contribute to changes in the global climate and weather events, which can lead to flooding, storm surges, and extreme temperatures.

The annual average temperature in the United States has increased by 1.3 degrees Fahrenheit (°F) to 1.9°F since record keeping began in 1895; most of this increase has occurred since about 1970. The most recent decade was the nation’s warmest on record. Temperatures in the United States are expected to continue to rise (U.S. Global Change Research Program, 2014). In California, the annual average temperature has increased by 3°F in the last century, and Southern California has warmed more than the rest of the state. Heat waves are becoming more common, snow is melting earlier in the spring—and in Southern California, less rain is falling as well (EPA, 2016b).

4.3.2.2 Potential Climate Change Effects on the Project

Changes in climate and average weather conditions may lead to extreme temperatures (heat waves and cold snaps), more-intense and more-frequent storms, flooding, and rising sea levels that may worsen existing weather-related rail problems and create new hazards for rail asset owners and operators. Some of these potential effects that may occur in Southern California that would affect the project are discussed below.

Fluctuating temperatures or long periods of high temperature place additional stress on transportation infrastructure such as rail corridors. When rails are exposed to prolonged periods of heat or cold temperatures, they may crack, buckle, break, pull apart or separate, resulting in service disruption and delays. Overheated electrical equipment, overheated vehicles, or failed air conditioning systems affect rail service and pose threats to customer and worker health and safety.

Severe weather and precipitation affect transportation infrastructure, and potential changes in precipitation could increase future effects. Extreme storm events may lead to restriction of service and damage to rail infrastructure and equipment, potentially shortening infrastructure and equipment life. Severe precipitation and wind speeds can damage bridges, signs, and other tall structures. Storm surge can damage and destroy rail lines and equipment in coastal areas. More frequent and severe flooding of underground tunnels and low-lying infrastructure requires drainage and pumping, and increases operation and maintenance costs.

4.3.2.3 Potential Adaptation Strategies

Understanding that the effects of climate change may continue to worsen, it is important to consider how to make improvements to the existing and new rail infrastructure that can better withstand the potential effects of inundation and extreme weather events. “Adaptation strategies” refer to how project stakeholders can plan for the effects of climate change on rail transportation infrastructure and strengthen or protect the facilities from damage. Climate change effects will vary by location and may, in the most extreme cases, require that a facility be relocated or redesigned. There may also be economic and strategic ramifications as a result of these types of impacts to the transportation infrastructure.

The earlier that adaptation approaches are considered in the infrastructure planning and design process, the lower the relative cost and potential disruption associated with implementing the changes. Multiple approaches can be used to adapt rail service, equipment, and infrastructure to future climate change, and therefore minimize the risk of storm surge and extreme temperature-related impacts to the project. Typical actions would include, but would not be limited to, the following (DOT and FHWA, 2015):

- Investigations – Specialist assessments and explorations of individual assets, specific issues, and solutions (for example, flood modeling of specific locations to determine likely future risk related to flooding).
- Policy – Changes to policies, standards, and guidelines (for example, design and maintenance specifications or adjusting standards relating to rail neutral temperatures to ensure projected increases in temperature are considered over time).
- Behavioral – Adjustments to existing processes, operational systems, and procedures (for example, emergency management plans) or refining the process for determining go-slow orders (such as the revised Amtrak approach to improved predictions).
- Physical – Physically engineered solutions (for example, ensuring that the design of assets considers the identified risks, in particular, flood risk – location, elevation, or protective barriers; use of concrete ballast and continuous tension catenary wires; or relocation of the tracks).

The Proposed Project will build a new second track that meets the current design standards and will make improvements to the platforms and stations in the project area. The project will provide a more reliable, durable rail system compared to the existing facilities. Therefore, the project would strengthen the infrastructure to better withstand the effects caused by climate change.

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Appendix A

Construction Emission CalEEMod

Output Files

SBCTA Double Track - San Bernardino-South Coast County, Winter

SBCTA Double Track
San Bernardino-South Coast County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	20.00	0.00	0
User Defined Parking	1.00	User Defined Unit	3.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2023

Utility Company

CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0
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1.3 User Entered Comments & Non-Default Data

Project Characteristics -
Land Use - 3 miles of track
Construction Phase - project specific
Off-road Equipment - project specific
Off-road Equipment - project specific
Off-road Equipment - project specific
Off-road Equipment - project specific
Off-road Equipment - project specific
Off-road Equipment - project specific
Trips and VMT - project specific
Grading - project specific

Table Name	Column Name	Default Value	New Value
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tblConstructionPhase	NumDays	35.00	132.00

tblConstructionPhase	NumDays	35.00	129.00
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tblGrading	MaterialImported	0.00	6,191.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00

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tblTripsAndVMT	VendorTripNumber	0.00	6.00

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2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2020	6.3306	62.0852	44.5467	0.1130	1.7973	2.6713	4.4686	0.4822	2.4589	2.9411	0.0000	11,049.0213	11,049.0213	2.8984	0.0000	11,121.4809
2021	5.7267	53.7708	42.5740	0.1126	1.9200	2.2788	4.1988	0.5123	2.0967	2.6090	0.0000	11,011.9779	11,011.9779	2.8931	0.0000	11,084.3062
2022	5.3897	48.3067	45.3584	0.1181	1.6618	2.0732	3.6894	0.4384	1.9075	2.3292	0.0000	11,521.4032	11,521.4032	3.1567	0.0000	11,600.3205
Maximum	6.3306	62.0852	45.3584	0.1181	1.9200	2.6713	4.4686	0.5123	2.4589	2.9411	0.0000	11,521.4032	11,521.4032	3.1567	0.0000	11,600.3205

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					

2020	6.3306	62.0852	44.5467	0.1130	1.7973	2.6713	4.4686	0.4822	2.4589	2.9411	0.0000	11,049.0213	11,049.0213	2.8984	0.0000	11,121.4809
2021	5.7267	53.7708	42.5740	0.1126	1.9200	2.2788	4.1988	0.5123	2.0967	2.6090	0.0000	11,011.9779	11,011.9779	2.8931	0.0000	11,084.3062
2022	5.3897	48.3067	45.3584	0.1181	1.6618	2.0732	3.6894	0.4384	1.9075	2.3292	0.0000	11,521.4032	11,521.4032	3.1567	0.0000	11,600.3205
Maximum	6.3306	62.0852	45.3584	0.1181	1.9200	2.6713	4.4686	0.5123	2.4589	2.9411	0.0000	11,521.4032	11,521.4032	3.1567	0.0000	11,600.3205

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Stage1	Grading	3/1/2020	2/28/2021	5	260	
2	Stage2a	Grading	3/1/2021	8/31/2021	5	132	
3	Stage2b	Grading	9/1/2021	2/28/2022	5	129	
4	Stage3	Grading	3/1/2022	6/30/2022	5	88	
5	paving	Paving	3/1/2022	6/30/2022	5	88	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Stage1	Cranes	2	8.00	231	0.29
Stage1	Excavators	1	8.00	158	0.38
Stage1	Forklifts	1	8.00	89	0.20
Stage1	Off-Highway Trucks	3	8.00	402	0.38
Stage1	Other Construction Equipment	2	8.00	172	0.42
Stage1	Rollers	1	8.00	80	0.38
Stage1	Scrapers	1	8.00	367	0.48
Stage1	Tractors/Loaders/Backhoes	1	8.00	97	0.37

Stage2a	Cranes	2	8.00	231	0.29
Stage2a	Excavators	1	8.00	158	0.38
Stage2a	Forklifts	1	8.00	89	0.20
Stage2a	Off-Highway Trucks	3	8.00	402	0.38
Stage2a	Other Construction Equipment	2	8.00	172	0.42
Stage2a	Rollers	1	8.00	80	0.38
Stage2a	Scrapers	1	8.00	367	0.48
Stage2a	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Stage2b	Cranes	2	8.00	231	0.29
Stage2b	Excavators	1	8.00	158	0.38
Stage2b	Forklifts	1	8.00	89	0.20
Stage2b	Off-Highway Trucks	3	8.00	402	0.38
Stage2b	Other Construction Equipment	2	8.00	172	0.42
Stage2b	Rollers	1	8.00	80	0.38
Stage2b	Scrapers	1	8.00	367	0.48
Stage2b	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Stage3	Cranes	2	8.00	231	0.29
Stage3	Excavators	1	8.00	158	0.38
Stage3	Forklifts	1	8.00	89	0.20
Stage3	Off-Highway Trucks	3	8.00	402	0.38
Stage3	Other Construction Equipment	2	8.00	172	0.42
Stage3	Rollers	1	8.00	80	0.38
Stage3	Scrapers	1	8.00	367	0.48
Stage3	Tractors/Loaders/Backhoes	1	8.00	97	0.37
paving	Pavers	1	8.00	130	0.42
paving	Paving Equipment	1	8.00	132	0.36

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Stage1	12	30.00	6.00	156.00	60.00	60.00	60.00	LD_Mix	MHDT	HHDT
Stage2a	12	15.00	6.00	78.00	60.00	60.00	60.00	LD_Mix	MHDT	HHDT
Stage2b	12	25.00	6.00	78.00	60.00	60.00	60.00	LD_Mix	MHDT	HHDT
Stage3	12	25.00	6.00	8.00	60.00	60.00	60.00	LD_Mix	MHDT	HHDT
paving	2	0.00	0.00	0.00	0.00	0.00	0.00	LD_Mix	MHDT	HHDT

3.1 Mitigation Measures Construction

3.2 Stage1 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0425	0.0000	0.0425	4.6600e-003	0.0000	4.6600e-003			0.0000			0.0000
Off-Road	5.6837	59.8780	39.9849	0.0911		2.6262	2.6262		2.4161	2.4161		8,821.0527	8,821.0527	2.8529		8,892.3754
Total	5.6837	59.8780	39.9849	0.0911	0.0425	2.6262	2.6687	4.6600e-003	2.4161	2.4208		8,821.0527	8,821.0527	2.8529		8,892.3754

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.7800e-003	0.3165	0.0560	1.2100e-003	0.0359	1.2800e-003	0.0372	9.7200e-003	1.2300e-003	0.0110		128.4399	128.4399	4.8400e-003		128.5609
Vendor	0.0837	1.4745	0.4748	8.4300e-003	0.3511	0.0354	0.3866	0.1052	0.0339	0.1391		878.7878	878.7878	6.2500e-003		878.9439
Worker	0.5544	0.4162	4.0310	0.0123	1.3678	8.3600e-003	1.3761	0.3626	7.7000e-003	0.3703		1,220.7409	1,220.7409	0.0344		1,221.6007
Total	0.6469	2.2072	4.5618	0.0219	1.7549	0.0451	1.7999	0.4776	0.0428	0.5204		2,227.9686	2,227.9686	0.0455		2,229.1055

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0425	0.0000	0.0425	4.6600e-003	0.0000	4.6600e-003			0.0000			0.0000
Off-Road	5.6837	59.8780	39.9849	0.0911		2.6262	2.6262		2.4161	2.4161	0.0000	8,821.0527	8,821.0527	2.8529		8,892.3754

Total	5.6837	59.8780	39.9849	0.0911	0.0425	2.6262	2.6687	4.6600e-003	2.4161	2.4208	0.0000	8,821.0527	8,821.0527	2.8529		8,892.3754
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Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.7800e-003	0.3165	0.0560	1.2100e-003	0.0359	1.2800e-003	0.0372	9.7200e-003	1.2300e-003	0.0110		128.4399	128.4399	4.8400e-003		128.5609
Vendor	0.0837	1.4745	0.4748	8.4300e-003	0.3511	0.0354	0.3866	0.1052	0.0339	0.1391		878.7878	878.7878	6.2500e-003		878.9439
Worker	0.5544	0.4162	4.0310	0.0123	1.3678	8.3600e-003	1.3761	0.3626	7.7000e-003	0.3703		1,220.7409	1,220.7409	0.0344		1,221.6007
Total	0.6469	2.2072	4.5618	0.0219	1.7549	0.0451	1.7999	0.4776	0.0428	0.5204		2,227.9686	2,227.9686	0.0455		2,229.1055

3.2 Stage1 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0425	0.0000	0.0425	4.6600e-003	0.0000	4.6600e-003			0.0000			0.0000
Off-Road	5.1480	52.1060	38.4740	0.0911		2.2651	2.2651		2.0839	2.0839		8,821.2187	8,821.2187	2.8530		8,892.5427
Total	5.1480	52.1060	38.4740	0.0911	0.0425	2.2651	2.3075	4.6600e-003	2.0839	2.0885		8,821.2187	8,821.2187	2.8530		8,892.5427

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.4400e-003	0.2869	0.0549	1.2000e-003	0.1586	1.1300e-003	0.1597	0.0398	1.0800e-003	0.0409		127.2600	127.2600	4.7900e-003		127.3798
Vendor	0.0514	1.0043	0.3324	8.4500e-003	0.3511	4.4500e-003	0.3556	0.1052	4.2600e-003	0.1095		881.6283	881.6283	4.2800e-003		881.7352

Worker	0.5188	0.3735	3.7127	0.0119	1.3678	8.1600e-003	1.3759	0.3626	7.5100e-003	0.3701		1,181.8710	1,181.8710	0.0311		1,182.6485
Total	0.5787	1.6648	4.1000	0.0215	1.8775	0.0137	1.8913	0.5077	0.0129	0.5205		2,190.7592	2,190.7592	0.0402		2,191.7635

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0425	0.0000	0.0425	4.6600e-003	0.0000	4.6600e-003			0.0000			0.0000
Off-Road	5.1480	52.1060	38.4740	0.0911		2.2651	2.2651		2.0839	2.0839	0.0000	8,821.2187	8,821.2187	2.8530		8,892.5427
Total	5.1480	52.1060	38.4740	0.0911	0.0425	2.2651	2.3075	4.6600e-003	2.0839	2.0885	0.0000	8,821.2187	8,821.2187	2.8530		8,892.5427

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.4400e-003	0.2869	0.0549	1.2000e-003	0.1586	1.1300e-003	0.1597	0.0398	1.0800e-003	0.0409		127.2600	127.2600	4.7900e-003		127.3798
Vendor	0.0514	1.0043	0.3324	8.4500e-003	0.3511	4.4500e-003	0.3556	0.1052	4.2600e-003	0.1095		881.6283	881.6283	4.2800e-003		881.7352
Worker	0.5188	0.3735	3.7127	0.0119	1.3678	8.1600e-003	1.3759	0.3626	7.5100e-003	0.3701		1,181.8710	1,181.8710	0.0311		1,182.6485
Total	0.5787	1.6648	4.1000	0.0215	1.8775	0.0137	1.8913	0.5077	0.0129	0.5205		2,190.7592	2,190.7592	0.0402		2,191.7635

3.3 Stage2a - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0857	0.0000	0.0857	9.4800e-003	0.0000	9.4800e-003			0.0000			0.0000

Off-Road	5.1480	52.1060	38.4740	0.0911		2.2651	2.2651		2.0839	2.0839		8,821.2187	8,821.2187	2.8530		8,892.5427
Total	5.1480	52.1060	38.4740	0.0911	0.0857	2.2651	2.3507	9.4800e-003	2.0839	2.0933		8,821.2187	8,821.2187	2.8530		8,892.5427

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.3100e-003	0.2826	0.0541	1.1800e-003	0.0310	1.1100e-003	0.0321	8.5000e-003	1.0700e-003	9.5600e-003		125.3318	125.3318	4.7200e-003		125.4498
Vendor	0.0514	1.0043	0.3324	8.4500e-003	0.3511	4.4500e-003	0.3556	0.1052	4.2600e-003	0.1095		881.6283	881.6283	4.2800e-003		881.7352
Worker	0.2594	0.1868	1.8564	5.9300e-003	0.6839	4.0800e-003	0.6880	0.1813	3.7600e-003	0.1851		590.9355	590.9355	0.0156		591.3242
Total	0.3191	1.4737	2.2428	0.0156	1.0660	9.6400e-003	1.0757	0.2950	9.0900e-003	0.3041		1,597.8956	1,597.8956	0.0246		1,598.5092

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0857	0.0000	0.0857	9.4800e-003	0.0000	9.4800e-003			0.0000			0.0000
Off-Road	5.1480	52.1060	38.4740	0.0911		2.2651	2.2651		2.0839	2.0839	0.0000	8,821.2187	8,821.2187	2.8530		8,892.5427
Total	5.1480	52.1060	38.4740	0.0911	0.0857	2.2651	2.3507	9.4800e-003	2.0839	2.0933	0.0000	8,821.2187	8,821.2187	2.8530		8,892.5427

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.3100e-003	0.2826	0.0541	1.1800e-003	0.0310	1.1100e-003	0.0321	8.5000e-003	1.0700e-003	9.5600e-003		125.3318	125.3318	4.7200e-003		125.4498

Vendor	0.0514	1.0043	0.3324	8.4500e-003	0.3511	4.4500e-003	0.3556	0.1052	4.2600e-003	0.1095		881.6283	881.6283	4.2800e-003		881.7352
Worker	0.2594	0.1868	1.8564	5.9300e-003	0.6839	4.0800e-003	0.6880	0.1813	3.7600e-003	0.1851		590.9355	590.9355	0.0156		591.3242
Total	0.3191	1.4737	2.2428	0.0156	1.0660	9.6400e-003	1.0757	0.2950	9.0900e-003	0.3041		1,597.8956	1,597.8956	0.0246		1,598.5092

3.4 Stage2b - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0876	0.0000	0.0876	9.7000e-003	0.0000	9.7000e-003			0.0000			0.0000
Off-Road	5.1480	52.1060	38.4740	0.0911		2.2651	2.2651		2.0839	2.0839		8,821.2187	8,821.2187	2.8530		8,892.5427
Total	5.1480	52.1060	38.4740	0.0911	0.0876	2.2651	2.3527	9.7000e-003	2.0839	2.0936		8,821.2187	8,821.2187	2.8530		8,892.5427

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.5100e-003	0.2891	0.0553	1.2100e-003	0.0429	1.1400e-003	0.0440	0.0114	1.0900e-003	0.0125		128.2465	128.2465	4.8300e-003		128.3672
Vendor	0.0514	1.0043	0.3324	8.4500e-003	0.3511	4.4500e-003	0.3556	0.1052	4.2600e-003	0.1095		881.6283	881.6283	4.2800e-003		881.7352
Worker	0.4324	0.3113	3.0939	9.8800e-003	1.1398	6.8000e-003	1.1466	0.3022	6.2600e-003	0.3085		984.8925	984.8925	0.0259		985.5404
Total	0.4923	1.6048	3.4816	0.0195	1.5339	0.0124	1.5462	0.4188	0.0116	0.4304		1,994.7673	1,994.7673	0.0350		1,995.6428

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Fugitive Dust					0.0876	0.0000	0.0876	9.7000e-003	0.0000	9.7000e-003			0.0000			0.0000
Off-Road	5.1480	52.1060	38.4740	0.0911		2.2651	2.2651		2.0839	2.0839	0.0000	8,821.2187	8,821.2187	2.8530		8,892.5427
Total	5.1480	52.1060	38.4740	0.0911	0.0876	2.2651	2.3527	9.7000e-003	2.0839	2.0936	0.0000	8,821.2187	8,821.2187	2.8530		8,892.5427

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.5100e-003	0.2891	0.0553	1.2100e-003	0.0429	1.1400e-003	0.0440	0.0114	1.0900e-003	0.0125		128.2465	128.2465	4.8300e-003		128.3672
Vendor	0.0514	1.0043	0.3324	8.4500e-003	0.3511	4.4500e-003	0.3556	0.1052	4.2600e-003	0.1095		881.6283	881.6283	4.2800e-003		881.7352
Worker	0.4324	0.3113	3.0939	9.8800e-003	1.1398	6.8000e-003	1.1466	0.3022	6.2600e-003	0.3085		984.8925	984.8925	0.0259		985.5404
Total	0.4923	1.6048	3.4816	0.0195	1.5339	0.0124	1.5462	0.4188	0.0116	0.4304		1,994.7673	1,994.7673	0.0350		1,995.6428

3.4 Stage2b - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0876	0.0000	0.0876	9.7000e-003	0.0000	9.7000e-003			0.0000			0.0000
Off-Road	4.5494	43.2168	36.7844	0.0912		1.8780	1.8780		1.7277	1.7277		8,824.9619	8,824.9619	2.8542		8,896.3162
Total	4.5494	43.2168	36.7844	0.0912	0.0876	1.8780	1.9656	9.7000e-003	1.7277	1.7374		8,824.9619	8,824.9619	2.8542		8,896.3162

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					

Hauling	8.0600e-003	0.2581	0.0538	1.1900e-003	0.0832	9.5000e-004	0.0841	0.0213	9.1000e-004	0.0222		126.7246	126.7246	4.7600e-003		126.8435
Vendor	0.0476	0.9344	0.2928	8.4200e-003	0.3511	3.9900e-003	0.3551	0.1052	3.8200e-003	0.1090		878.2923	878.2923	3.7000e-003		878.3847
Worker	0.4064	0.2801	2.8433	9.5200e-003	1.1398	6.6000e-003	1.1464	0.3022	6.0700e-003	0.3083		949.3697	949.3697	0.0233		949.9519
Total	0.4620	1.4726	3.1899	0.0191	1.5742	0.0115	1.5857	0.4287	0.0108	0.4395		1,954.3866	1,954.3866	0.0318		1,955.1802

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0876	0.0000	0.0876	9.7000e-003	0.0000	9.7000e-003			0.0000			0.0000
Off-Road	4.5494	43.2168	36.7844	0.0912		1.8780	1.8780		1.7277	1.7277	0.0000	8,824.9619	8,824.9619	2.8542		8,896.3161
Total	4.5494	43.2168	36.7844	0.0912	0.0876	1.8780	1.9656	9.7000e-003	1.7277	1.7374	0.0000	8,824.9619	8,824.9619	2.8542		8,896.3161

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	8.0600e-003	0.2581	0.0538	1.1900e-003	0.0832	9.5000e-004	0.0841	0.0213	9.1000e-004	0.0222		126.7246	126.7246	4.7600e-003		126.8435
Vendor	0.0476	0.9344	0.2928	8.4200e-003	0.3511	3.9900e-003	0.3551	0.1052	3.8200e-003	0.1090		878.2923	878.2923	3.7000e-003		878.3847
Worker	0.4064	0.2801	2.8433	9.5200e-003	1.1398	6.6000e-003	1.1464	0.3022	6.0700e-003	0.3083		949.3697	949.3697	0.0233		949.9519
Total	0.4620	1.4726	3.1899	0.0191	1.5742	0.0115	1.5857	0.4287	0.0108	0.4395		1,954.3866	1,954.3866	0.0318		1,955.1802

3.5 Stage3 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Fugitive Dust					0.1205	0.0000	0.1205	0.0130	0.0000	0.0130			0.0000			0.0000
Off-Road	4.5494	43.2168	36.7844	0.0912		1.8780	1.8780		1.7277	1.7277		8,824.9619	8,824.9619	2.8542		8,896.3162
Total	4.5494	43.2168	36.7844	0.0912	0.1205	1.8780	1.9985	0.0130	1.7277	1.7407		8,824.9619	8,824.9619	2.8542		8,896.3162

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	1.2100e-003	0.0388	8.0900e-003	1.8000e-004	4.7700e-003	1.4000e-004	4.9100e-003	1.3100e-003	1.4000e-004	1.4400e-003		19.0530	19.0530	7.2000e-004		19.0709
Vendor	0.0476	0.9344	0.2928	8.4200e-003	0.3511	3.9900e-003	0.3551	0.1052	3.8200e-003	0.1090		878.2923	878.2923	3.7000e-003		878.3847
Worker	0.4064	0.2801	2.8433	9.5200e-003	1.1398	6.6000e-003	1.1464	0.3022	6.0700e-003	0.3083		949.3697	949.3697	0.0233		949.9519
Total	0.4552	1.2533	3.1442	0.0181	1.4957	0.0107	1.5065	0.4087	0.0100	0.4187		1,846.7150	1,846.7150	0.0277		1,847.4075

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1205	0.0000	0.1205	0.0130	0.0000	0.0130			0.0000			0.0000
Off-Road	4.5494	43.2168	36.7844	0.0912		1.8780	1.8780		1.7277	1.7277	0.0000	8,824.9619	8,824.9619	2.8542		8,896.3161
Total	4.5494	43.2168	36.7844	0.0912	0.1205	1.8780	1.9985	0.0130	1.7277	1.7407	0.0000	8,824.9619	8,824.9619	2.8542		8,896.3161

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	lb/day										lb/day					
Hauling	1.2100e-003	0.0388	8.0900e-003	1.8000e-004	4.7700e-003	1.4000e-004	4.9100e-003	1.3100e-003	1.4000e-004	1.4400e-003		19.0530	19.0530	7.2000e-004		19.0709
Vendor	0.0476	0.9344	0.2928	8.4200e-003	0.3511	3.9900e-003	0.3551	0.1052	3.8200e-003	0.1090		878.2923	878.2923	3.7000e-003		878.3847
Worker	0.4064	0.2801	2.8433	9.5200e-003	1.1398	6.6000e-003	1.1464	0.3022	6.0700e-003	0.3083		949.3697	949.3697	0.0233		949.9519
Total	0.4552	1.2533	3.1442	0.0181	1.4957	0.0107	1.5065	0.4087	0.0100	0.4187		1,846.7150	1,846.7150	0.0277		1,847.4075

3.6 paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3851	3.8366	5.4299	8.7800e-003		0.1845	0.1845		0.1697	0.1697		849.7263	849.7263	0.2748		856.5968
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3851	3.8366	5.4299	8.7800e-003		0.1845	0.1845		0.1697	0.1697		849.7263	849.7263	0.2748		856.5968

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3851	3.8366	5.4299	8.7800e-003		0.1845	0.1845		0.1697	0.1697	0.0000	849.7263	849.7263	0.2748		856.5968
Paving	0.0000					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	0.3851	3.8366	5.4299	8.7800e-003		0.1845	0.1845		0.1697	0.1697	0.0000	849.7263	849.7263	0.2748		856.5968

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Total	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000

SBCTA Double Track - San Bernardino-South Coast County, Annual

SBCTA Double Track
San Bernardino-South Coast County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
User Defined Commercial	1.00	User Defined Unit	20.00	0.00	0
User Defined Parking	1.00	User Defined Unit	3.00	0.00	0

1.2 Other Project Characteristics

Urbanization	Urban	Wind Speed (m/s)	2.2	Precipitation Freq (Days)	32
Climate Zone	10			Operational Year	2023

Utility Company

CO2 Intensity (lb/MW hr)	0	CH4 Intensity (lb/MW hr)	0	N2O Intensity (lb/MW hr)	0
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1.3 User Entered Comments & Non-Default Data

Project Characteristics -
Land Use - 3 miles of track
Construction Phase - project specific
Off-road Equipment - project specific
Off-road Equipment - project specific
Off-road Equipment - project specific
Off-road Equipment - project specific
Off-road Equipment - project specific
Off-road Equipment - project specific
Trips and VMT - project specific
Grading - project specific

Table Name	Column Name	Default Value	New Value
tblConstructionPhase	NumDays	35.00	260.00
tblConstructionPhase	NumDays	35.00	132.00

tblConstructionPhase	NumDays	35.00	129.00
tblConstructionPhase	NumDays	35.00	88.00
tblConstructionPhase	NumDays	20.00	88.00
tblGrading	AcresOfGrading	110.00	10.00
tblGrading	AcresOfGrading	110.00	10.00
tblGrading	AcresOfGrading	110.00	10.00
tblGrading	AcresOfGrading	110.00	10.00
tblGrading	MaterialExported	0.00	3,852.00
tblGrading	MaterialImported	0.00	6,191.00
tblGrading	MaterialImported	0.00	6,191.00
tblLandUse	LotAcreage	0.00	20.00
tblLandUse	LotAcreage	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
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tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	2.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	3.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00

tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	2.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	OffRoadEquipmentUnitAmount	0.00	1.00
tblOffRoadEquipment	PhaseName		Stage2a
tblOffRoadEquipment	PhaseName		Stage2b
tblOffRoadEquipment	PhaseName		Stage3
tblOffRoadEquipment	PhaseName		Stage2a
tblOffRoadEquipment	PhaseName		Stage2b
tblOffRoadEquipment	PhaseName		Stage3
tblOffRoadEquipment	PhaseName		Stage2a
tblOffRoadEquipment	PhaseName		Stage2b
tblOffRoadEquipment	PhaseName		Stage3
tblOffRoadEquipment	PhaseName		Stage2a
tblOffRoadEquipment	PhaseName		Stage2b
tblOffRoadEquipment	PhaseName		Stage3
tblOffRoadEquipment	PhaseName		Stage2a
tblOffRoadEquipment	PhaseName		Stage2b
tblOffRoadEquipment	PhaseName		Stage3
tblOffRoadEquipment	PhaseName		Stage2a
tblOffRoadEquipment	PhaseName		Stage2b
tblTripsAndVMT	HaulingTripLength	20.00	60.00
tblTripsAndVMT	HaulingTripLength	20.00	60.00
tblTripsAndVMT	HaulingTripLength	20.00	60.00
tblTripsAndVMT	HaulingTripLength	20.00	60.00
tblTripsAndVMT	HaulingTripLength	20.00	0.00
tblTripsAndVMT	HaulingTripNumber	482.00	156.00
tblTripsAndVMT	HaulingTripNumber	774.00	78.00
tblTripsAndVMT	HaulingTripNumber	774.00	78.00
tblTripsAndVMT	HaulingTripNumber	0.00	8.00
tblTripsAndVMT	VendorTripLength	6.90	60.00
tblTripsAndVMT	VendorTripLength	6.90	60.00
tblTripsAndVMT	VendorTripLength	6.90	60.00
tblTripsAndVMT	VendorTripLength	6.90	60.00
tblTripsAndVMT	VendorTripLength	6.90	0.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00
tblTripsAndVMT	VendorTripNumber	0.00	6.00

tblTripsAndVMT	VendorVehicleClass	HDT_Mix	MHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	MHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	MHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	MHDT
tblTripsAndVMT	VendorVehicleClass	HDT_Mix	MHDT
tblTripsAndVMT	WorkerTripLength	14.70	60.00
tblTripsAndVMT	WorkerTripLength	14.70	60.00
tblTripsAndVMT	WorkerTripLength	14.70	60.00
tblTripsAndVMT	WorkerTripLength	14.70	60.00
tblTripsAndVMT	WorkerTripLength	14.70	0.00
tblTripsAndVMT	WorkerTripNumber	30.00	15.00
tblTripsAndVMT	WorkerTripNumber	30.00	25.00
tblTripsAndVMT	WorkerTripNumber	30.00	25.00
tblTripsAndVMT	WorkerTripNumber	5.00	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2020	0.6866	6.8041	4.9010	0.0124	0.1942	0.2925	0.4867	0.0520	0.2693	0.3213	0.0000	1,100.3552	1,100.3552	0.2880	0.0000	1,107.5552
2021	0.7212	7.0064	5.4236	0.0142	0.1900	0.2971	0.4871	0.0494	0.2733	0.3227	0.0000	1,262.6119	1,262.6119	0.3414	0.0000	1,271.1475
2022	0.3370	3.0437	2.8249	7.4700e-003	0.1073	0.1300	0.2372	0.0275	0.1196	0.1471	0.0000	661.6151	661.6151	0.1797	0.0000	666.1078
Maximum	0.7212	7.0064	5.4236	0.0142	0.1942	0.2971	0.4871	0.0520	0.2733	0.3227	0.0000	1,262.6119	1,262.6119	0.3414	0.0000	1,271.1475

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					

2020	0.6866	6.8040	4.9010	0.0124	0.1942	0.2925	0.4867	0.0520	0.2693	0.3213	0.0000	1,100.3541	1,100.3541	0.2880	0.0000	1,107.5542
2021	0.7212	7.0064	5.4236	0.0142	0.1900	0.2971	0.4871	0.0494	0.2733	0.3227	0.0000	1,262.6106	1,262.6106	0.3414	0.0000	1,271.1463
2022	0.3370	3.0437	2.8249	7.4700e-003	0.1073	0.1300	0.2372	0.0275	0.1196	0.1471	0.0000	661.6144	661.6144	0.1797	0.0000	666.1071
Maximum	0.7212	7.0064	5.4236	0.0142	0.1942	0.2971	0.4871	0.0520	0.2733	0.3227	0.0000	1,262.6106	1,262.6106	0.3414	0.0000	1,271.1463

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	3-1-2020	5-31-2020	2.2453	2.2453
2	6-1-2020	8-31-2020	2.2439	2.2439
3	9-1-2020	11-30-2020	2.2222	2.2222
4	12-1-2020	2-28-2021	2.0112	2.0112
5	3-1-2021	5-31-2021	1.9385	1.9385
6	6-1-2021	8-31-2021	1.9377	1.9377
7	9-1-2021	11-30-2021	1.9279	1.9279
8	12-1-2021	2-28-2022	1.7044	1.7044
9	3-1-2022	5-31-2022	1.7626	1.7626
10	6-1-2022	8-31-2022	0.5745	0.5745
		Highest	2.2453	2.2453

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Stage1	Grading	3/1/2020	2/28/2021	5	260	
2	Stage2a	Grading	3/1/2021	8/31/2021	5	132	
3	Stage2b	Grading	9/1/2021	2/28/2022	5	129	
4	Stage3	Grading	3/1/2022	6/30/2022	5	88	
5	paving	Paving	3/1/2022	6/30/2022	5	88	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 0

Acres of Paving: 3

Residential Indoor: 0; Residential Outdoor: 0; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area: 0

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Stage1	Cranes	2	8.00	231	0.29
Stage1	Excavators	1	8.00	158	0.38
Stage1	Forklifts	1	8.00	89	0.20
Stage1	Off-Highway Trucks	3	8.00	402	0.38
Stage1	Other Construction Equipment	2	8.00	172	0.42
Stage1	Rollers	1	8.00	80	0.38
Stage1	Scrapers	1	8.00	367	0.48
Stage1	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Stage2a	Cranes	2	8.00	231	0.29
Stage2a	Excavators	1	8.00	158	0.38
Stage2a	Forklifts	1	8.00	89	0.20
Stage2a	Off-Highway Trucks	3	8.00	402	0.38
Stage2a	Other Construction Equipment	2	8.00	172	0.42
Stage2a	Rollers	1	8.00	80	0.38
Stage2a	Scrapers	1	8.00	367	0.48
Stage2a	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Stage2b	Cranes	2	8.00	231	0.29
Stage2b	Excavators	1	8.00	158	0.38
Stage2b	Forklifts	1	8.00	89	0.20
Stage2b	Off-Highway Trucks	3	8.00	402	0.38
Stage2b	Other Construction Equipment	2	8.00	172	0.42
Stage2b	Rollers	1	8.00	80	0.38
Stage2b	Scrapers	1	8.00	367	0.48
Stage2b	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Stage3	Cranes	2	8.00	231	0.29
Stage3	Excavators	1	8.00	158	0.38
Stage3	Forklifts	1	8.00	89	0.20
Stage3	Off-Highway Trucks	3	8.00	402	0.38
Stage3	Other Construction Equipment	2	8.00	172	0.42
Stage3	Rollers	1	8.00	80	0.38
Stage3	Scrapers	1	8.00	367	0.48
Stage3	Tractors/Loaders/Backhoes	1	8.00	97	0.37
paving	Pavers	1	8.00	130	0.42

paving	Paving Equipment	1	8.00	132	0.36
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Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Stage1	12	30.00	6.00	156.00	60.00	60.00	60.00	LD_Mix	MHDT	HHDT
Stage2a	12	15.00	6.00	78.00	60.00	60.00	60.00	LD_Mix	MHDT	HHDT
Stage2b	12	25.00	6.00	78.00	60.00	60.00	60.00	LD_Mix	MHDT	HHDT
Stage3	12	25.00	6.00	8.00	60.00	60.00	60.00	LD_Mix	MHDT	HHDT
paving	2	0.00	0.00	0.00	0.00	0.00	0.00	LD_Mix	MHDT	HHDT

3.1 Mitigation Measures Construction

3.2 Stage1 - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.5200e-003	0.0000	5.5200e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6224	6.5566	4.3784	9.9700e-003		0.2876	0.2876		0.2646	0.2646	0.0000	876.2545	876.2545	0.2834	0.0000	883.3395
Total	0.6224	6.5566	4.3784	9.9700e-003	5.5200e-003	0.2876	0.2931	6.1000e-004	0.2646	0.2652	0.0000	876.2545	876.2545	0.2834	0.0000	883.3395

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.5000e-004	0.0353	5.9400e-003	1.3000e-004	3.8700e-003	1.4000e-004	4.0100e-003	1.0500e-003	1.3000e-004	1.1800e-003	0.0000	12.8339	12.8339	4.7000e-004	0.0000	12.8456
Vendor	9.0000e-003	0.1640	0.0519	9.2000e-004	0.0379	3.8800e-003	0.0418	0.0114	3.7100e-003	0.0151	0.0000	87.3129	87.3129	6.2000e-004	0.0000	87.3283
Worker	0.0543	0.0481	0.4648	1.3700e-003	0.1469	9.2000e-004	0.1478	0.0390	8.4000e-004	0.0399	0.0000	123.9539	123.9539	3.5200e-003	0.0000	124.0419

Total	0.0643	0.2474	0.5226	2.4200e-003	0.1887	4.9400e-003	0.1936	0.0514	4.6800e-003	0.0561	0.0000	224.1007	224.1007	4.6100e-003	0.0000	224.2157
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Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.5200e-003	0.0000	5.5200e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.6224	6.5566	4.3783	9.9700e-003		0.2876	0.2876		0.2646	0.2646	0.0000	876.2535	876.2535	0.2834	0.0000	883.3384
Total	0.6224	6.5566	4.3783	9.9700e-003	5.5200e-003	0.2876	0.2931	6.1000e-004	0.2646	0.2652	0.0000	876.2535	876.2535	0.2834	0.0000	883.3384

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	9.5000e-004	0.0353	5.9400e-003	1.3000e-004	3.8700e-003	1.4000e-004	4.0100e-003	1.0500e-003	1.3000e-004	1.1800e-003	0.0000	12.8339	12.8339	4.7000e-004	0.0000	12.8456
Vendor	9.0000e-003	0.1640	0.0519	9.2000e-004	0.0379	3.8800e-003	0.0418	0.0114	3.7100e-003	0.0151	0.0000	87.3129	87.3129	6.2000e-004	0.0000	87.3283
Worker	0.0543	0.0481	0.4648	1.3700e-003	0.1469	9.2000e-004	0.1478	0.0390	8.4000e-004	0.0399	0.0000	123.9539	123.9539	3.5200e-003	0.0000	124.0419
Total	0.0643	0.2474	0.5226	2.4200e-003	0.1887	4.9400e-003	0.1936	0.0514	4.6800e-003	0.0561	0.0000	224.1007	224.1007	4.6100e-003	0.0000	224.2157

3.2 Stage1 - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.5200e-003	0.0000	5.5200e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1055	1.0682	0.7887	1.8700e-003		0.0464	0.0464		0.0427	0.0427	0.0000	164.0507	164.0507	0.0531	0.0000	165.3772

Total	0.1055	1.0682	0.7887	1.8700e-003	5.5200e-003	0.0464	0.0520	6.1000e-004	0.0427	0.0433	0.0000	164.0507	164.0507	0.0531	0.0000	165.3772
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Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.7000e-004	5.9800e-003	1.0900e-003	2.0000e-005	3.1800e-003	2.0000e-005	3.2100e-003	8.0000e-004	2.0000e-005	8.2000e-004	0.0000	2.3807	2.3807	9.0000e-005	0.0000	2.3829
Vendor	1.0300e-003	0.0209	6.8000e-003	1.7000e-004	7.0900e-003	9.0000e-005	7.1800e-003	2.1300e-003	9.0000e-005	2.2200e-003	0.0000	16.3990	16.3990	8.0000e-005	0.0000	16.4010
Worker	9.5100e-003	8.0900e-003	0.0802	2.5000e-004	0.0275	1.7000e-004	0.0277	7.3000e-003	1.5000e-004	7.4600e-003	0.0000	22.4666	22.4666	6.0000e-004	0.0000	22.4815
Total	0.0107	0.0350	0.0880	4.4000e-004	0.0378	2.8000e-004	0.0381	0.0102	2.6000e-004	0.0105	0.0000	41.2463	41.2463	7.7000e-004	0.0000	41.2653

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.5200e-003	0.0000	5.5200e-003	6.1000e-004	0.0000	6.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.1055	1.0682	0.7887	1.8700e-003		0.0464	0.0464		0.0427	0.0427	0.0000	164.0505	164.0505	0.0531	0.0000	165.3770
Total	0.1055	1.0682	0.7887	1.8700e-003	5.5200e-003	0.0464	0.0520	6.1000e-004	0.0427	0.0433	0.0000	164.0505	164.0505	0.0531	0.0000	165.3770

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.7000e-004	5.9800e-003	1.0900e-003	2.0000e-005	3.1800e-003	2.0000e-005	3.2100e-003	8.0000e-004	2.0000e-005	8.2000e-004	0.0000	2.3807	2.3807	9.0000e-005	0.0000	2.3829
Vendor	1.0300e-003	0.0209	6.8000e-003	1.7000e-004	7.0900e-003	9.0000e-005	7.1800e-003	2.1300e-003	9.0000e-005	2.2200e-003	0.0000	16.3990	16.3990	8.0000e-005	0.0000	16.4010

Worker	9.5100e-003	8.0900e-003	0.0802	2.5000e-004	0.0275	1.7000e-004	0.0277	7.3000e-003	1.5000e-004	7.4600e-003	0.0000	22.4666	22.4666	6.0000e-004	0.0000	22.4815
Total	0.0107	0.0350	0.0880	4.4000e-004	0.0378	2.8000e-004	0.0381	0.0102	2.6000e-004	0.0105	0.0000	41.2463	41.2463	7.7000e-004	0.0000	41.2653

3.3 Stage2a - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.6500e-003	0.0000	5.6500e-003	6.3000e-004	0.0000	6.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.3398	3.4390	2.5393	6.0100e-003		0.1495	0.1495		0.1375	0.1375	0.0000	528.1634	528.1634	0.1708	0.0000	532.4338
Total	0.3398	3.4390	2.5393	6.0100e-003	5.6500e-003	0.1495	0.1551	6.3000e-004	0.1375	0.1382	0.0000	528.1634	528.1634	0.1708	0.0000	532.4338

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.4000e-004	0.0190	3.4600e-003	8.0000e-005	2.0100e-003	7.0000e-005	2.0900e-003	5.5000e-004	7.0000e-005	6.2000e-004	0.0000	7.5485	7.5485	2.8000e-004	0.0000	7.5554
Vendor	3.3000e-003	0.0673	0.0219	5.6000e-004	0.0228	2.9000e-004	0.0231	6.8600e-003	2.8000e-004	7.1400e-003	0.0000	52.7968	52.7968	2.5000e-004	0.0000	52.8032
Worker	0.0153	0.0130	0.1290	4.0000e-004	0.0443	2.7000e-004	0.0446	0.0118	2.5000e-004	0.0120	0.0000	36.1658	36.1658	9.6000e-004	0.0000	36.1897
Total	0.0191	0.0993	0.1544	1.0400e-003	0.0691	6.3000e-004	0.0698	0.0192	6.0000e-004	0.0198	0.0000	96.5111	96.5111	1.4900e-003	0.0000	96.5483

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.6500e-003	0.0000	5.6500e-003	6.3000e-004	0.0000	6.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	0.3398	3.4390	2.5393	6.0100e-003		0.1495	0.1495		0.1375	0.1375	0.0000	528.1627	528.1627	0.1708	0.0000	532.4332
Total	0.3398	3.4390	2.5393	6.0100e-003	5.6500e-003	0.1495	0.1551	6.3000e-004	0.1375	0.1382	0.0000	528.1627	528.1627	0.1708	0.0000	532.4332

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.4000e-004	0.0190	3.4600e-003	8.0000e-005	2.0100e-003	7.0000e-005	2.0900e-003	5.5000e-004	7.0000e-005	6.2000e-004	0.0000	7.5485	7.5485	2.8000e-004	0.0000	7.5554
Vendor	3.3000e-003	0.0673	0.0219	5.6000e-004	0.0228	2.9000e-004	0.0231	6.8600e-003	2.8000e-004	7.1400e-003	0.0000	52.7968	52.7968	2.5000e-004	0.0000	52.8032
Worker	0.0153	0.0130	0.1290	4.0000e-004	0.0443	2.7000e-004	0.0446	0.0118	2.5000e-004	0.0120	0.0000	36.1658	36.1658	9.6000e-004	0.0000	36.1897
Total	0.0191	0.0993	0.1544	1.0400e-003	0.0691	6.3000e-004	0.0698	0.0192	6.0000e-004	0.0198	0.0000	96.5111	96.5111	1.4900e-003	0.0000	96.5483

3.4 Stage2b - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.6500e-003	0.0000	5.6500e-003	6.3000e-004	0.0000	6.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2265	2.2927	1.6929	4.0100e-003		0.0997	0.0997		0.0917	0.0917	0.0000	352.1089	352.1089	0.1139	0.0000	354.9559
Total	0.2265	2.2927	1.6929	4.0100e-003	5.6500e-003	0.0997	0.1053	6.3000e-004	0.0917	0.0923	0.0000	352.1089	352.1089	0.1139	0.0000	354.9559

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.7000e-004	0.0129	2.3600e-003	5.0000e-005	1.8500e-003	5.0000e-005	1.9000e-003	4.9000e-004	5.0000e-005	5.4000e-004	0.0000	5.1494	5.1494	1.9000e-004	0.0000	5.1541

Vendor	2.2000e-003	0.0449	0.0146	3.7000e-004	0.0152	2.0000e-004	0.0154	4.5700e-003	1.9000e-004	4.7600e-003	0.0000	35.1979	35.1979	1.7000e-004	0.0000	35.2021
Worker	0.0170	0.0145	0.1434	4.4000e-004	0.0492	3.0000e-004	0.0495	0.0131	2.8000e-004	0.0133	0.0000	40.1842	40.1842	1.0600e-003	0.0000	40.2108
Total	0.0196	0.0723	0.1603	8.6000e-004	0.0663	5.5000e-004	0.0668	0.0181	5.2000e-004	0.0186	0.0000	80.5314	80.5314	1.4200e-003	0.0000	80.5670

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.6500e-003	0.0000	5.6500e-003	6.3000e-004	0.0000	6.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2265	2.2927	1.6929	4.0100e-003		0.0997	0.0997		0.0917	0.0917	0.0000	352.1085	352.1085	0.1139	0.0000	354.9555
Total	0.2265	2.2927	1.6929	4.0100e-003	5.6500e-003	0.0997	0.1053	6.3000e-004	0.0917	0.0923	0.0000	352.1085	352.1085	0.1139	0.0000	354.9555

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.7000e-004	0.0129	2.3600e-003	5.0000e-005	1.8500e-003	5.0000e-005	1.9000e-003	4.9000e-004	5.0000e-005	5.4000e-004	0.0000	5.1494	5.1494	1.9000e-004	0.0000	5.1541
Vendor	2.2000e-003	0.0449	0.0146	3.7000e-004	0.0152	2.0000e-004	0.0154	4.5700e-003	1.9000e-004	4.7600e-003	0.0000	35.1979	35.1979	1.7000e-004	0.0000	35.2021
Worker	0.0170	0.0145	0.1434	4.4000e-004	0.0492	3.0000e-004	0.0495	0.0131	2.8000e-004	0.0133	0.0000	40.1842	40.1842	1.0600e-003	0.0000	40.2108
Total	0.0196	0.0723	0.1603	8.6000e-004	0.0663	5.5000e-004	0.0668	0.0181	5.2000e-004	0.0186	0.0000	80.5314	80.5314	1.4200e-003	0.0000	80.5670

3.4 Stage2b - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Fugitive Dust					5.6500e-003	0.0000	5.6500e-003	6.3000e-004	0.0000	6.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0933	0.8859	0.7541	1.8700e-003		0.0385	0.0385		0.0354	0.0354	0.0000	164.1204	164.1204	0.0531	0.0000	165.4474
Total	0.0933	0.8859	0.7541	1.8700e-003	5.6500e-003	0.0385	0.0442	6.3000e-004	0.0354	0.0361	0.0000	164.1204	164.1204	0.0531	0.0000	165.4474

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.6000e-004	5.3800e-003	1.0700e-003	2.0000e-005	1.6700e-003	2.0000e-005	1.6900e-003	4.3000e-004	2.0000e-005	4.5000e-004	0.0000	2.3708	2.3708	9.0000e-005	0.0000	2.3730
Vendor	9.5000e-004	0.0194	5.9900e-003	1.7000e-004	7.0900e-003	8.0000e-005	7.1700e-003	2.1300e-003	8.0000e-005	2.2100e-003	0.0000	16.3370	16.3370	7.0000e-005	0.0000	16.3387
Worker	7.4300e-003	6.0700e-003	0.0614	2.0000e-004	0.0229	1.4000e-004	0.0231	6.0900e-003	1.2000e-004	6.2100e-003	0.0000	18.0466	18.0466	4.5000e-004	0.0000	18.0578
Total	8.5400e-003	0.0309	0.0684	3.9000e-004	0.0317	2.4000e-004	0.0319	8.6500e-003	2.2000e-004	8.8700e-003	0.0000	36.7545	36.7545	6.1000e-004	0.0000	36.7695

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.6500e-003	0.0000	5.6500e-003	6.3000e-004	0.0000	6.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0933	0.8859	0.7541	1.8700e-003		0.0385	0.0385		0.0354	0.0354	0.0000	164.1202	164.1202	0.0531	0.0000	165.4472
Total	0.0933	0.8859	0.7541	1.8700e-003	5.6500e-003	0.0385	0.0442	6.3000e-004	0.0354	0.0361	0.0000	164.1202	164.1202	0.0531	0.0000	165.4472

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					

Hauling	1.6000e-004	5.3800e-003	1.0700e-003	2.0000e-005	1.6700e-003	2.0000e-005	1.6900e-003	4.3000e-004	2.0000e-005	4.5000e-004	0.0000	2.3708	2.3708	9.0000e-005	0.0000	2.3730
Vendor	9.5000e-004	0.0194	5.9900e-003	1.7000e-004	7.0900e-003	8.0000e-005	7.1700e-003	2.1300e-003	8.0000e-005	2.2100e-003	0.0000	16.3370	16.3370	7.0000e-005	0.0000	16.3387
Worker	7.4300e-003	6.0700e-003	0.0614	2.0000e-004	0.0229	1.4000e-004	0.0231	6.0900e-003	1.2000e-004	6.2100e-003	0.0000	18.0466	18.0466	4.5000e-004	0.0000	18.0578
Total	8.5400e-003	0.0309	0.0684	3.9000e-004	0.0317	2.4000e-004	0.0319	8.6500e-003	2.2000e-004	8.8700e-003	0.0000	36.7545	36.7545	6.1000e-004	0.0000	36.7695

3.5 Stage3 - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					5.3000e-003	0.0000	5.3000e-003	5.7000e-004	0.0000	5.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2002	1.9015	1.6185	4.0100e-003		0.0826	0.0826		0.0760	0.0760	0.0000	352.2583	352.2583	0.1139	0.0000	355.1065
Total	0.2002	1.9015	1.6185	4.0100e-003	5.3000e-003	0.0826	0.0879	5.7000e-004	0.0760	0.0766	0.0000	352.2583	352.2583	0.1139	0.0000	355.1065

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0000e-005	1.7400e-003	3.5000e-004	1.0000e-005	2.1000e-004	1.0000e-005	2.1000e-004	6.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.7651	0.7651	3.0000e-005	0.0000	0.7658
Vendor	2.0400e-003	0.0417	0.0129	3.7000e-004	0.0152	1.8000e-004	0.0154	4.5700e-003	1.7000e-004	4.7400e-003	0.0000	35.0648	35.0648	1.5000e-004	0.0000	35.0685
Worker	0.0160	0.0130	0.1317	4.3000e-004	0.0492	2.9000e-004	0.0495	0.0131	2.7000e-004	0.0133	0.0000	38.7343	38.7343	9.6000e-004	0.0000	38.7582
Total	0.0180	0.0565	0.1449	8.1000e-004	0.0646	4.8000e-004	0.0651	0.0177	4.5000e-004	0.0181	0.0000	74.5641	74.5641	1.1400e-003	0.0000	74.5924

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Category	tons/yr										MT/yr					
Fugitive Dust					5.3000e-003	0.0000	5.3000e-003	5.7000e-004	0.0000	5.7000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.2002	1.9015	1.6185	4.0100e-003		0.0826	0.0826		0.0760	0.0760	0.0000	352.2579	352.2579	0.1139	0.0000	355.1061
Total	0.2002	1.9015	1.6185	4.0100e-003	5.3000e-003	0.0826	0.0879	5.7000e-004	0.0760	0.0766	0.0000	352.2579	352.2579	0.1139	0.0000	355.1061

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0000e-005	1.7400e-003	3.5000e-004	1.0000e-005	2.1000e-004	1.0000e-005	2.1000e-004	6.0000e-005	1.0000e-005	6.0000e-005	0.0000	0.7651	0.7651	3.0000e-005	0.0000	0.7658
Vendor	2.0400e-003	0.0417	0.0129	3.7000e-004	0.0152	1.8000e-004	0.0154	4.5700e-003	1.7000e-004	4.7400e-003	0.0000	35.0648	35.0648	1.5000e-004	0.0000	35.0685
Worker	0.0160	0.0130	0.1317	4.3000e-004	0.0492	2.9000e-004	0.0495	0.0131	2.7000e-004	0.0133	0.0000	38.7343	38.7343	9.6000e-004	0.0000	38.7582
Total	0.0180	0.0565	0.1449	8.1000e-004	0.0646	4.8000e-004	0.0651	0.0177	4.5000e-004	0.0181	0.0000	74.5641	74.5641	1.1400e-003	0.0000	74.5924

3.6 paving - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0170	0.1688	0.2389	3.9000e-004		8.1200e-003	8.1200e-003		7.4700e-003	7.4700e-003	0.0000	33.9178	33.9178	0.0110	0.0000	34.1920
Paving	0.0000					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	0.0170	0.1688	0.2389	3.9000e-004		8.1200e-003	8.1200e-003		7.4700e-003	7.4700e-003	0.0000	33.9178	33.9178	0.0110	0.0000	34.1920

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
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Appendix D
Natural Environmental Study
(Minimal Impacts)

Natural Environment Study

(Minimal Impacts)

San Bernardino County Transportation Authority

Lilac to Rancho Double Track Project

Control Point (CP) Lilac Milepost (MP) 52.4 to approximately

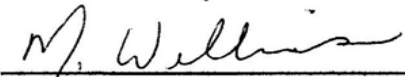
CP Rancho, near MP 55.1

City of Rialto and City of San Bernardino

San Bernardino County, California

March 2018

Prepared By:



Date:

4/10/18

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Approved By:



Date:

4/10/18

Victor Lopez, P.E.

Project Manager, Transit and Rail Programs

909-884-8276

SBCTA, 1170 W. 3rd Street, 2nd Floor, San Bernardino, CA 92410



san bernardino county
transportation authority

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Appendixes

- A USFWS Official Species List
- B CNDDB Results for Fontana and San Bernardino South, California 7.5-minute
Quadrangles

Summary

This NES (MI) has been prepared to document the biological resource analysis performed for the proposed San Bernardino County Transportation Authority (SBCTA) Lilac to Rancho Double Track Project (Proposed Project) located in the cities of Rialto and San Bernardino, California. SBCTA, as the Project proponent, is proposing to construct approximately three (3) miles of a second main line track along the San Gabriel Subdivision, San Bernardino Line (SBL) railroad corridor. This second track would improve average train speed, travel times, reliability, and overall capacity of the SBL. All work would take place within the heavily disturbed SBCTA right of way (ROW), and along existing at-grade crossings within the Cities of Rialto and San Bernardino local roadway ROW. Therefore, impacts to sensitive plant or animal species or natural communities are not anticipated. Minor improvements would occur to jurisdictional drainages totaling approximately 0.02 acres, which qualifies the Proposed Project for a non-notifying Section 404 Nationwide 14 permit from the United States Army Corps of Engineers (USACE), a Regional Water Quality Control Board (RWQCB) Section 401 permit, and a Streambed Alteration Agreement from the California Department of Fish and Wildlife (CDFW).

1 - Introduction

History

The San Bernardino County Transportation Authority (SBCTA) and the Los Angeles County Metropolitan Transportation Authority (Metro) completed the Metrolink San Bernardino Line (SBL) Infrastructure Improvement Strategic Study in September 2014. The SBL, also known as the San Gabriel Subdivision, is a 55-mile rail corridor operated by Metrolink for the Southern California Regional Rail Authority (SCRRA) to provide commuter rail service between Los Angeles Union Station (LAUS) and the San Bernardino Station. The BNSF Railway and the UPRR also use this critical rail line as shared freight corridor, which is also the busiest commuter rail line in Southern California, and have several additional industrial tracks to provide freight service for the region.

The purpose of the SBL Study was to identify cost effective infrastructure improvements to provide increased average train speed, reduced travel times, and enhanced overall capacity of the Metrolink SBL. The Study recommended the construction of a second mainline track within two out of the five existing single track corridors on the SBL: The LA Metro Lone Hill to CP White Double Track Project and the SBCTA CP Lilac to CP Rancho Double Track Project (Proposed Project).

Project Purpose and Need.

The purpose of the Proposed Project is to provide increased average train speed, reduced travel times, improved reliability, and enhanced overall capacity of the Metrolink SBL. The Proposed Project is needed because this passenger rail corridor is critical to regional mobility and the double track improvements would enhance rail operations on the busiest commuter rail line in Southern California.

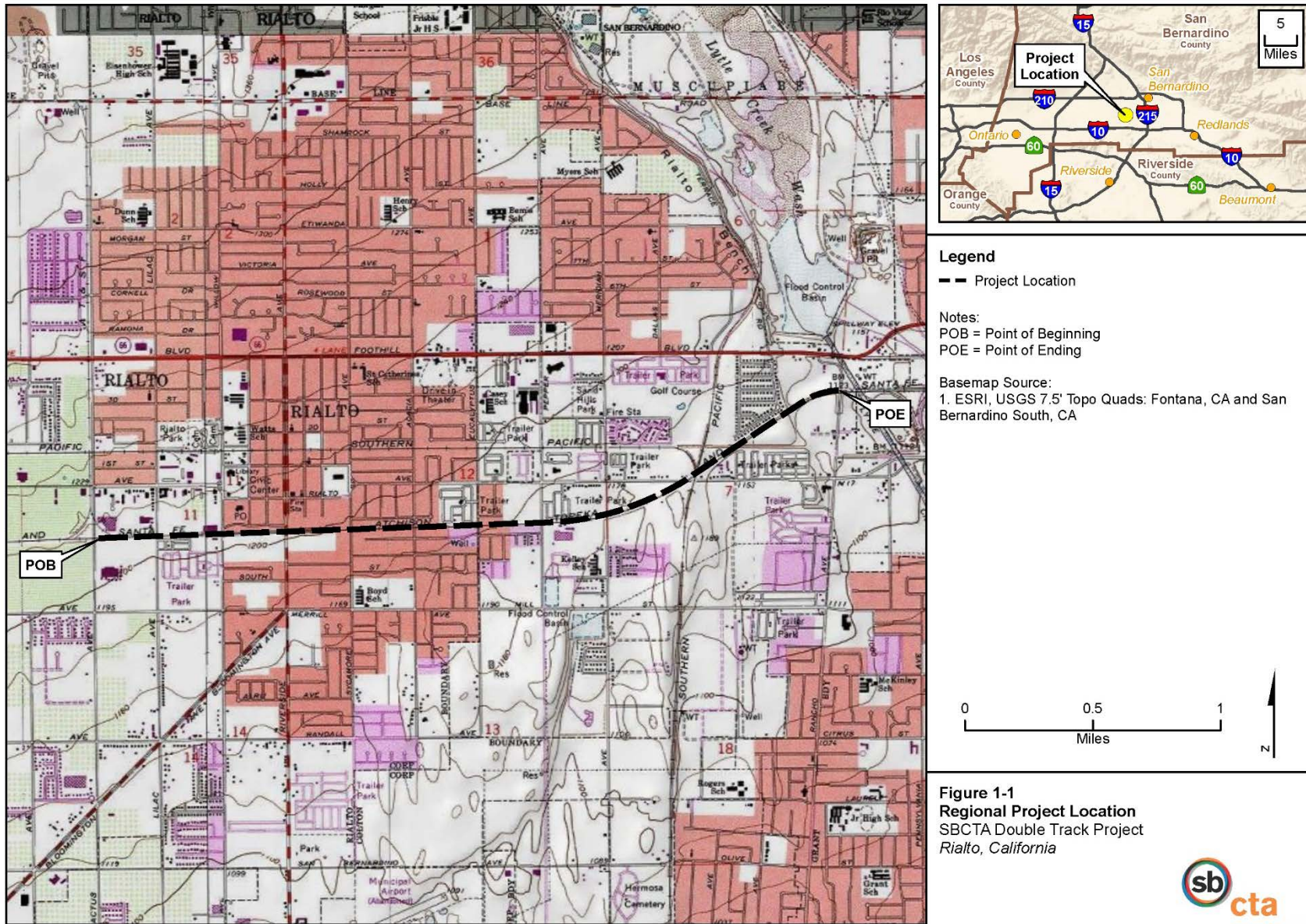
Project Description

San Bernardino County Transportation Authority (SBCTA), as the owner of the rail corridor within San Bernardino County and the lead agency, is proposing to construct approximately three (3) miles of a second main line track along the San Gabriel Subdivision (SBL) railroad corridor, along the south side of the track, between Control Point (CP) Lilac Milepost (MP) 52.4 to approximately CP Rancho, near MP 55.1 in San Bernardino County, CA. The Proposed

Project is located in the cities of Rialto and San Bernardino, within the Fontana and San Bernardino South 7.5' quadrangles, T1S, R5W, Sections 11, 12, and T1S, R4W, Section 7. Refer to Figure 1-1, Regional Project Location.

This Double Track Project would consist of the following features and evaluations:

- The addition of a second track through each of the existing eight (8) at-grade crossings starting at Lilac Avenue in the City of Rialto on the west end of the Proposed Project and ending east of Rialto Avenue in the City of San Bernardino on the east end of the Proposed Project.
- The addition of a second passenger platform on the south side of the existing Metrolink Rialto Station with architectural and other station facility required improvements.
- The evaluation of three pedestrian access design options to the new south side platform:
 - Option 1 – Pedestrian Overpass
 - Option 2 – Pedestrian Underpass
 - Option 3 – At-Grade Pedestrian Crossing
- The protection in-place of the existing UPRR Colton Cut-off Overpass near Rialto Avenue and the compliance with horizontal and vertical clearances.
- The removal of the existing No. 20 Right-Hand (RH) turnout west of Lilac Avenue, or the consideration of the construction of a crossover. The removal of the existing turnout would require 'straight railing' the track to properly tie into the proposed second main line track on the north side of the existing main line track.
- The construction of a new No. 20 Left-Hand (LH) turnout east of Rialto Avenue. The exact location of the proposed east end of the project would be evaluated to provide a 'best fit' alignment on a tangent segment between approximately MP 54.9 and MP 55.06.
- Railroad signals as well as Positive Train Control (PTC) considerations and required improvements.
- Necessary retaining walls.
- Existing Culverts extensions and protection-in place as required. There are 3-24" RCP and 1-42" RCP near the west end of the Rialto station, and 48" and 36" RCP east of Pepper Avenue.
- Civil improvements including grading, drainage, and utilities. Existing SBCFCD "East Rialto Storm Drain" flood control channel on the north side and drainage ditches on the south side of the right-of-way would be evaluated to be protected in-place and mitigated accordingly.



\\galtproj\UnionPacificRailroad\681197\MapFiles\Bio_PLM_170525.mxd

- Quiet Zone Feasibility Study for each of the eight (8) at-grade crossings within the double track footprint. In addition, two (2) at-grade crossings, Cactus Avenue on the west and Rancho Avenue on the east, would also be evaluated.
 - Quiet Zone features, potentially including but not limited to way-side horns, quad-gates, and additional access/crossing controls.
- Traffic including TMP, emergency access, and other ingress/egress issues.

The Proposed Project, including all features and permanent footprint modifications would be implemented within the existing railroad right-of-way and along existing at-grade railroad crossings (Figure 1-2, Project Location Map). No property (public or private) acquisitions would be required. Limited construction related impacts would be required at the existing at-grade roadway crossings, including roadway profile modifications, revised/relocated drainage feature inlets, median modifications, and other effects. Drainage improvements include the removal of two existing headwalls and construction of two concrete collars. Additionally, construction of one to two new pipes would convey stormwater to a new headwall located on the south side of South Meridian Avenue (Figure 1-3, Culvert Extensions). All of these construction related impacts would be temporary to the public and would be minimized with the implementation of a traffic management plan.

2 - Study Methods

Regulatory Requirements

The following laws pertain to the Proposed Project and are used to assess impacts to biological resources within the Proposed Project limits.

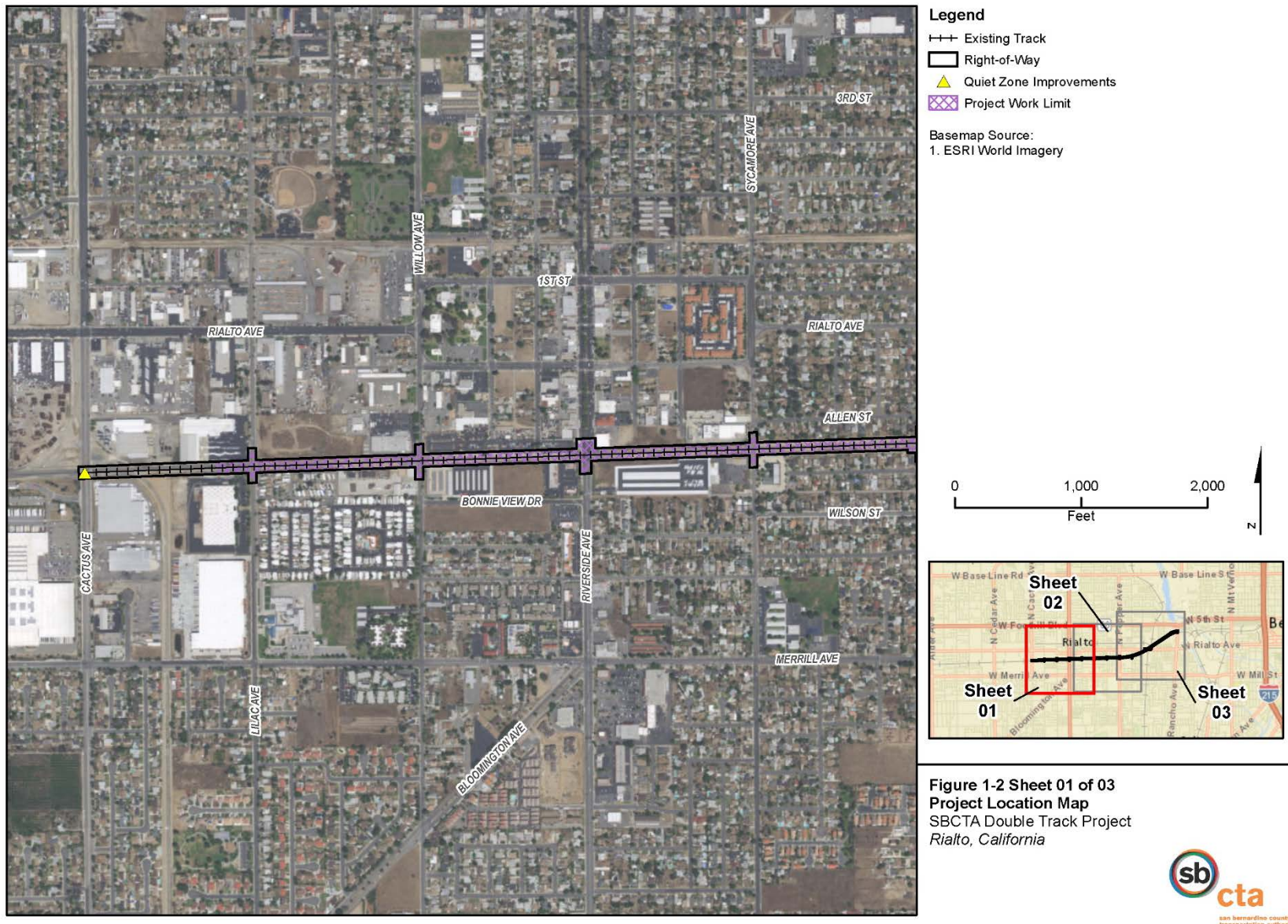
Clean Water Act

Provides guidance for the restoration and maintenance of the chemical, physical, and biological integrity of the nation's waters.

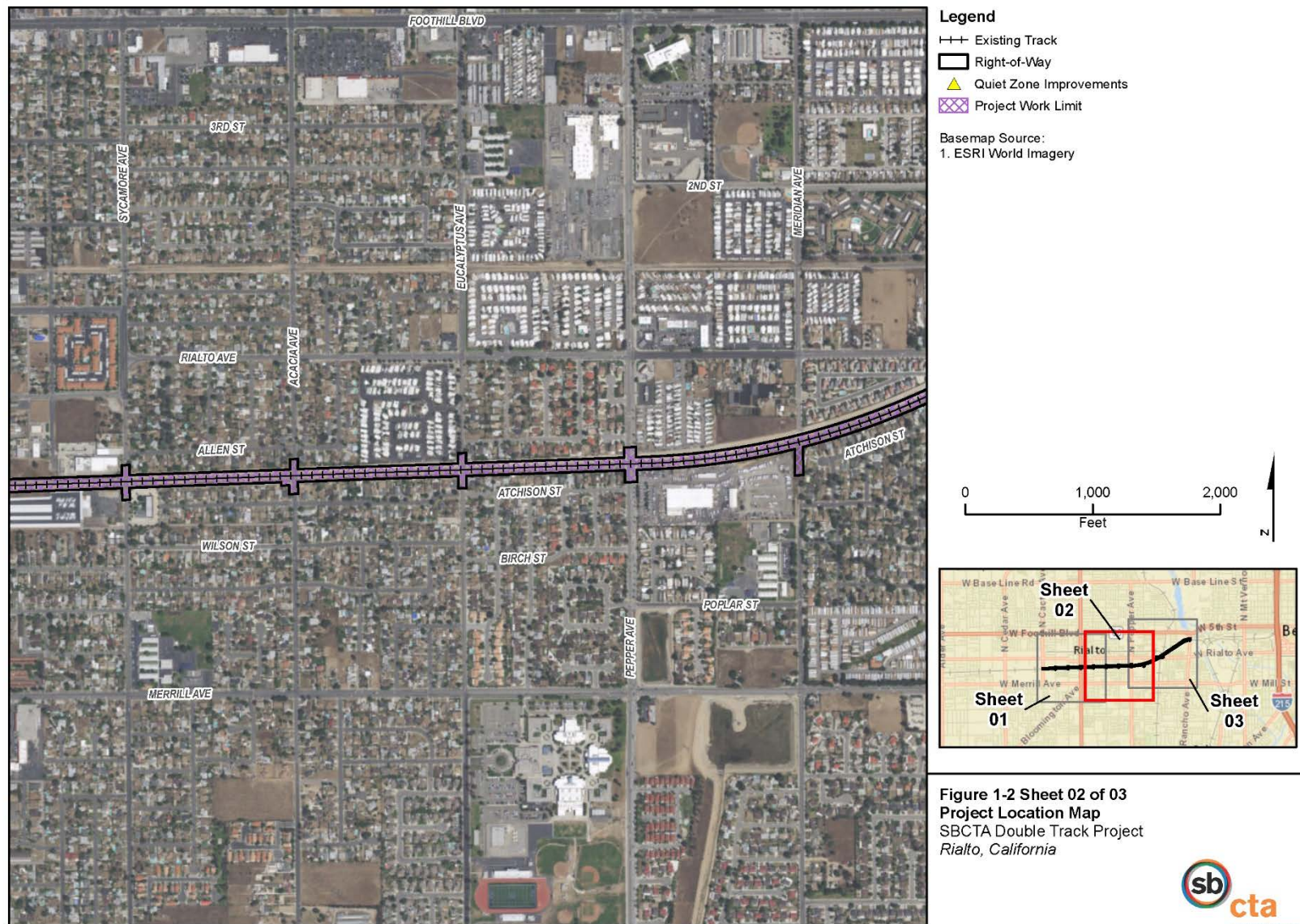
Section 404: U.S. Army Corps of Engineers (USACE) jurisdiction over fill materials in essentially all water bodies, including wetlands. All federal agencies are to avoid impacts to wetlands whenever there is a practicable alternative. Section 404 established a permit program administered by USACE regulating the discharge of dredged or fill material into waters of the U.S. (including wetlands).

Section 401: Requires that an applicant for a federal license or permit that allows activities resulting in a discharge to waters of the US, must obtain a state certification that the discharge complies with other provisions of CWA. The Regional Water Quality Control Boards administer the certification program in California.

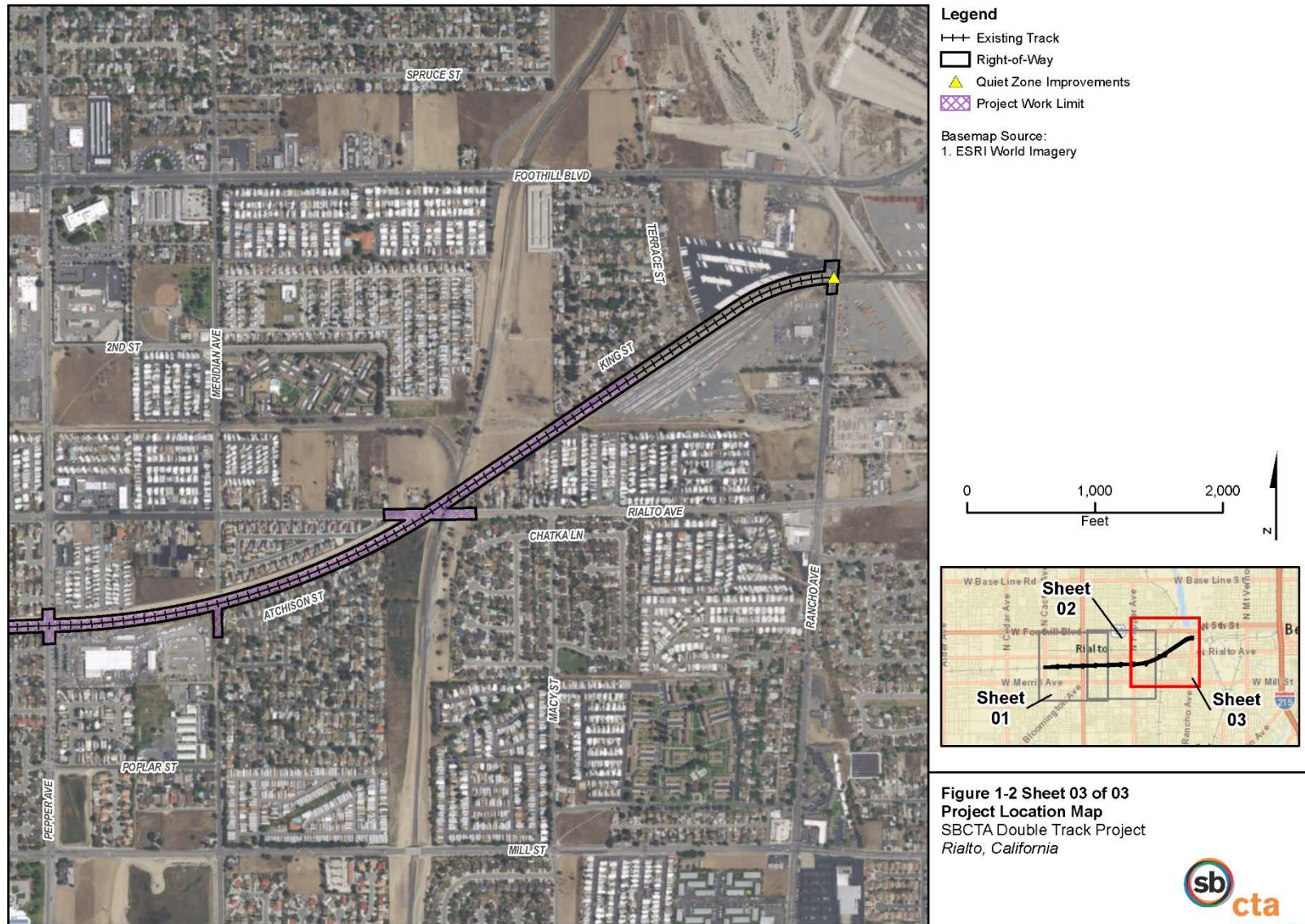
The guidelines allow the discharge of dredged or fill material into the aquatic system only if there is no practicable alternative that would have less adverse impacts.



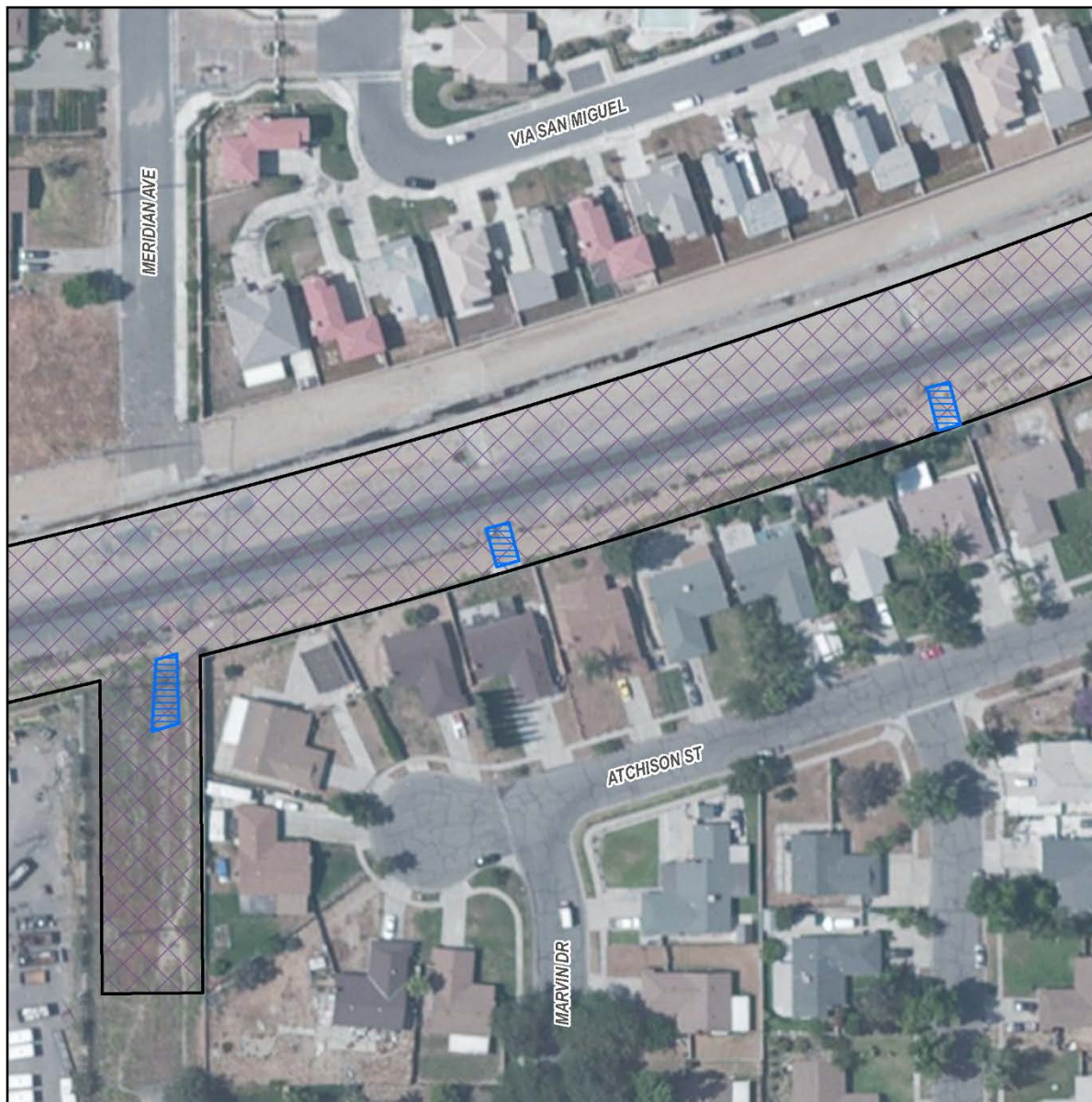
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Legend

- Right-of-Way
- Project Work Limit
- Culvert Extension Permanent Impact

Basemap Source:
1. ESRI

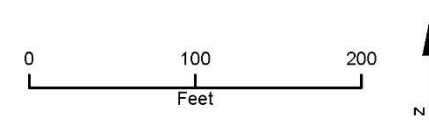


Figure 1-3
Culvert Extensions
SBCTA Double Track Project
Rialto, California



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Porter-Cologne Water Quality Control Act

This regulatory law is becoming more prominent on projects involving impacts to isolated waters of the State (non-404/401 waters). The RWQCB is increasingly requiring Waste Discharge Requirement (WDR) permits for impacts to waters of the State.

California Department of Fish and Game Code Sections 1600 et al. (Streambed Alteration)

Under these sections of the Fish and Game Code, the Department and other agencies are required to notify the California Department of Fish and Wildlife (CDFW) prior to any project which would divert, obstruct, or change the natural flow or bed, channel or bank of any river, stream, or lake. Preliminary notification and project review generally occur during the environmental process. When an existing fish or wildlife resource may be substantially adversely affected, CDFW is required to propose reasonable project changes to protect the resource. These modifications are formalized in a "streambed alteration agreement" which becomes part of the plans, specifications, and bid documents for the Proposed Project.

Migratory Bird Treaty Act

This treaty with Canada, Mexico and Japan makes it unlawful at any time, by any means or in any manner, to pursue, hunt, take, capture, or kill migratory birds. The law applies to the removal of nests (such as swallow nests on bridges) occupied by migratory birds during the breeding season. California Fish and Game Code (Sec 3500) also prohibits the destruction of any nest, egg, or nestling.

Executive Order 13112 – Invasive Species

On February 3, 1999, President William J. Clinton signed Executive Order (EO) 13112 requiring federal agencies to combat the introduction or spread of invasive species in the United States. The order defines invasive species as "any species, including its seeds, eggs, spores, or other biological material capable of propagating that species, that is not native to that ecosystem whose introduction does or is likely to cause economic or environmental harm or harm to human health." Federal Highway Administration (FHWA) guidance issued August 10, 1999 directs the use of the State's invasive species list, maintained by the [California Invasive Species Council](#) to define the invasive plants that must be considered as part of the National Environmental Policy Act (NEPA) analysis for a proposed project.

Under the E.O., federal agencies cannot authorize, fund, or carry out actions that it believes are likely to cause or promote the introduction or spread of invasive species in the United States or elsewhere unless all reasonable measures to minimize risk of harm have been analyzed and considered.

California Endangered Species Act

The California Endangered Species Act (CESA) (Fish and Game Code § 2050 et seq.) establishes the policy of the state to conserve, protect, restore, and enhance threatened or endangered species and their habitats. CESA mandates that state agencies should not approve projects that would jeopardize the continued existence of threatened or endangered species if reasonable and prudent alternatives are available that would avoid jeopardy.

Federal Endangered Species Act of 1973

This act and subsequent amendments provide for the conservation of endangered and threatened species and the ecosystems upon which they depend. Section 7 of the Act requires federal agencies, in consultation with and with the assistance of the Secretary of the Interior or

of Commerce, as appropriate, to ensure that actions they authorize, fund or carry out are not likely to jeopardize the continued existence of threatened or endangered species or result in the destruction or adverse modification of critical habitat for these species. The U.S. Fish and Wildlife Service (USFWS) and National Marine Fisheries Service (NOAA Fisheries) share responsibilities for administering the Act.

The Endangered Species Act of 1973 and subsequent amendments provide guidance for the conservation of endangered and threatened species and the ecosystems upon which they depend.

- Section 7 requires federal agencies, in consultation with, and with the assistance of the Secretary of the Interior or the Secretary of Commerce, as appropriate, to ensure that actions they authorize, fund, or carry out are not likely to jeopardize the continued existence of threatened or endangered species or result in the destruction or adverse modification of critical habitat for these species. The USFWS and NOAA Fisheries share responsibilities for administering the Act. Regulations governing interagency cooperation under Section 7 are found at 50 CFR Part 402. The opinion issued at the conclusion of consultation will include a statement authorizing take that may occur incidental to an otherwise legal activity.
- Section 9 lists those actions that are prohibited under the Act. Take of a species listed in accordance with the Act is prohibited. There are two processes whereby take is allowed when it is incidental to an otherwise legal activity.
- Section 10 provides a means whereby a non-federal action with a potential to result in the take of a listed species could be allowed under an incidental take permit. Application procedures are found at 50 CFR Parts 13 and 17 for species under the jurisdiction of USFWS and 50 CFR Parts 217, 220 and 222 for species under the jurisdiction of NOAA Fisheries.

Studies Required

The Proposed Project is located entirely within the railroad or City right of way, which is comprised of highly disturbed areas, surrounded by residential buildings. As a result, studies required were limited to a basic literature search and a reconnaissance field survey of the Proposed Project site to identify potential biological resources and/or jurisdictional water bodies.

Literature Search

Literature used to identify potential biological resources included the following:

- The USFWS Resource Report List, Information for Planning and Conservation (IPaC) Web page. Available online: <http://ecos.fws.gov/ipac/> (USFWS 2018, Appendix A)
- California Department of Fish and Wildlife (CDFW) Natural Diversity Database (CNDDB) record search for the "San Bernardino South and Fontana, California" 7.5-minute quadrangle (CDFW 2017, Appendix B)
- United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Web Soil Survey

Field Reviews

On November 30, 2016, the project's wildlife biologist and permitting specialist, Melissa Williams, walked the length of the Proposed Project, along with the project manager, and the engineering team. During this site visit, the biologist noted potential jurisdictional water bodies and performed a habitat assessment within and adjacent to the railroad right of way.

Survey Methods

Based on the highly disturbed habitat located within and adjacent to the railroad right of way, no surveys were deemed necessary.

Personnel Survey Dates

Due to a lack of habitat for any sensitive species, no surveys were performed.

Limitations That May Influence Results

No limitations existed that would influence results.

3 - Results: Environmental Setting

Description of the Existing Biological and Physical Conditions

Study Area

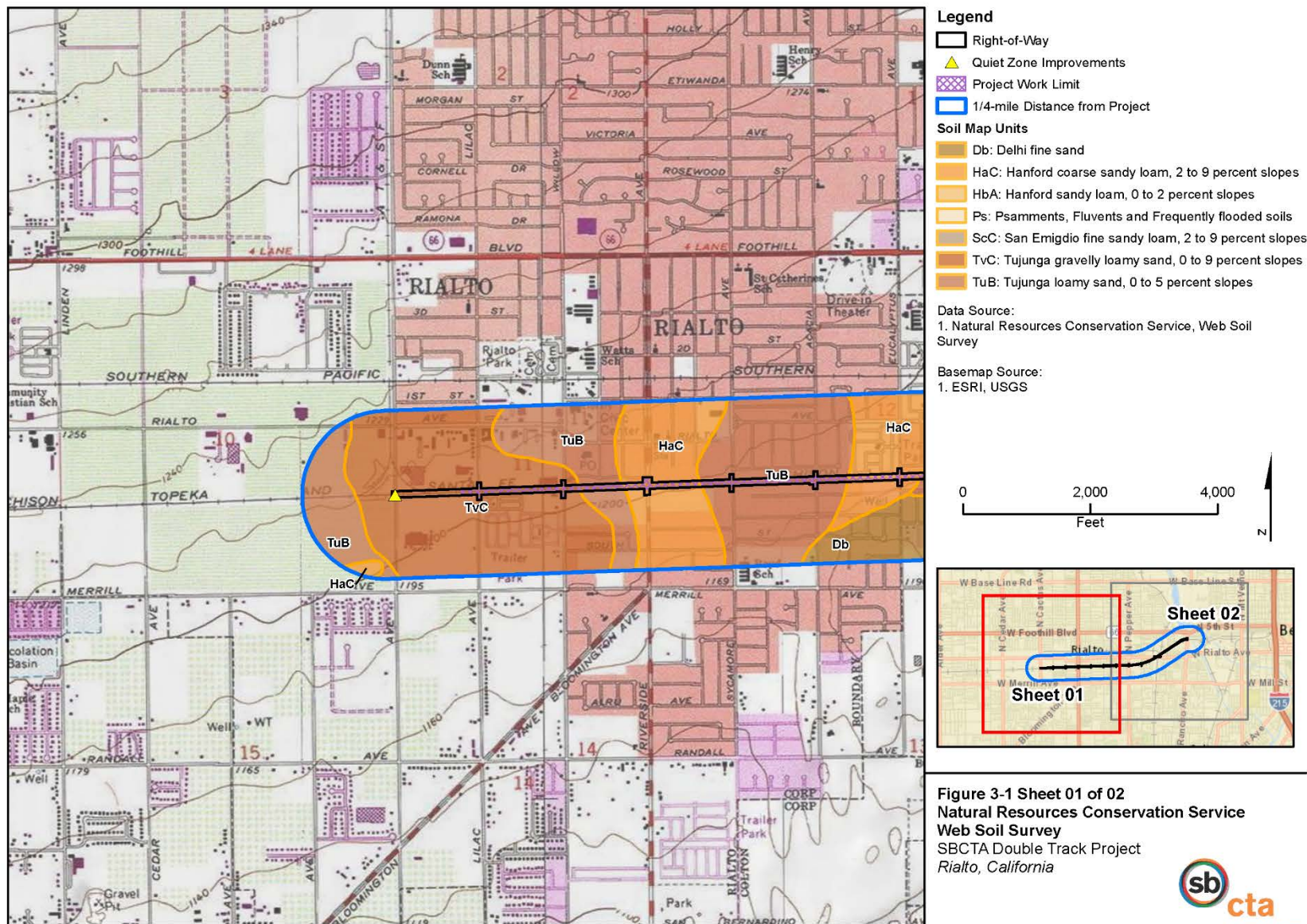
The study area consists of approximately 36 acres located within the existing railroad and city right of way (Figure 1-2, Project Location Map), where all construction activities would occur. Additionally, the study area includes the East Rialto storm drain flood control channel, (located on the north side of the train tracks), the City of Rialto Metrolink train station, and various infrastructure, such as cross culverts to support drainage. The flood control channel located on the north side of the train tracks would be avoided during construction.

The area surrounding the Proposed Project is heavily urbanized and consists of residential buildings and businesses. The lack of adjacent habitats limited the study area to the direct impact area (within the ROW), since the potential for indirect impacts is not present.

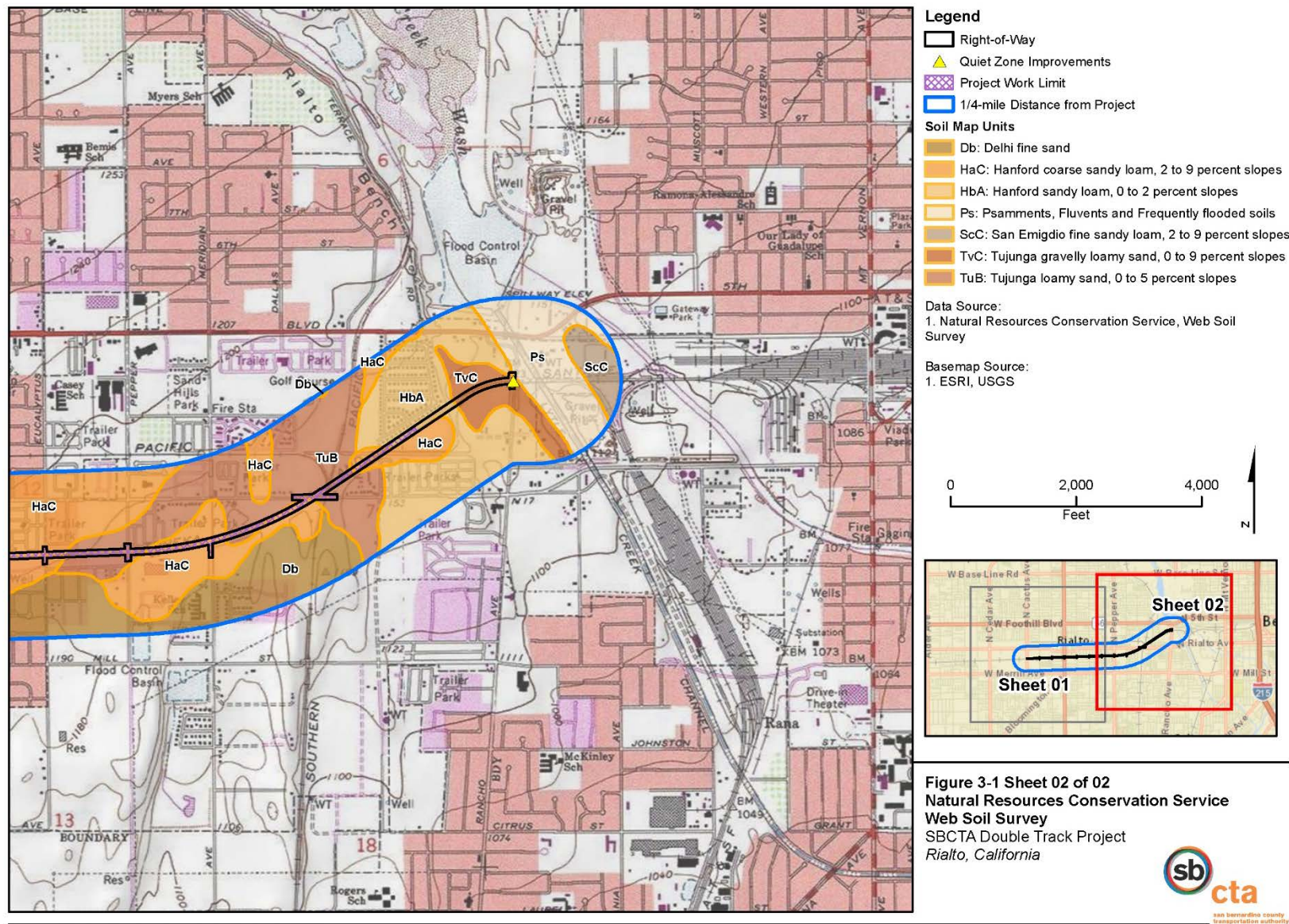
Physical Conditions

The Proposed Project site consists of flat terrain at approximately 1200 feet above mean sea level (amsl). Hydrological flows run east and south through various cross culverts located under the railroad crossing, and other drainage facilities including the Rialto Channel, Randall Storm Drain, East Rialto Storm Drain, and Lytle-Cajon Channel. Ultimately, hydrological flows flow into the Santa Ana River.

Soils in the Proposed Project area consist of heavily disturbed, compact soils due to ongoing railroad maintenance activities and access within the right of way. The soils are designated by the USDA NRCS Soil Survey as Tujunga gravelly loamy sand, Tujunga loamy sand, and Hanford coarse, sandy loam (Figure 3-1, NRCS Web Soil Survey).



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Biological Conditions in the Study Area

The Proposed Project site does not contain vegetation or habitats that provide value to plants or wildlife. The railroad ROW is devoid of vegetation, contains concrete lined channels and drainage ditches, and is surrounded by residential buildings and businesses. Although the East Rialto Storm Drain runs parallel with the Proposed Project to the north, no work would take place within the channel. All construction activities within the channel would be avoided.

The Proposed Project is located within the Delhi Sands flower loving fly (DSFLF) Colton Recovery Unit; however, it lies outside designated USDA NRCS Soil Survey mapped Delhi soils (Figure 3-1, NRCS Web Soil Survey). The CNDDB showed occurrences of the DSFLF (Appendix B); however, the habitat within the direct impact area would not support this endangered species due to continued disturbance to existing soils, heavy compaction, and lack of vegetation. Refer to Section 5.0 below for additional analysis on the DSFLF.

Habitat Connectivity

There are no wildlife crossings within the Proposed Project site. Additionally, the Proposed Project site has been so heavily altered and disturbed by railroad activities, that no connectivity to Delhi soils, located to the south of the Proposed Project, exists. Refer to Section 5.0 below for additional analysis on the DSFLF.

Regional Species and Habitats and Natural Communities of Concern

There are no species, habitats or natural communities of concern within the Proposed Project site. The Proposed Project site is devoid of vegetation and is comprised of heavily disturbed, compacted soils with no sensitive habitats present. A USFWS official species list was obtained on March 13, 2018 and included the species shown in Table 1 below. However, none of these species have the potential to occur due to a lack of habitat within or adjacent to the Proposed Project site. No designated critical habitat is present within the Proposed Project site.

Table 1: Listed Species Potentially Occurring in the Proposed Project Area

Common Name	Scientific Name	Federal/State/CNPS Status	General Habitat Description	Habitat Present/Absent	Rationale
Mammals					
San Bernardino Merriam's kangaroo rat	<i>Dipodomys merriami parvus</i>	FE	sandy soils; desert scrub, sagebrush, pinyon-juniper, Joshua tree woodland	A	Habitat is not present within the Proposed Project limits
Stephens' kangaroo rat	<i>Dipodomys stephensi</i> (incl. <i>D. cascus</i>)	FE/ST	coastal sagebrush, California buckwheat, grasslands	A	Habitat is not present within the Proposed Project limits
Birds					
Coastal California gnatcatcher	<i>Polioptila californica californica</i>	FT	Coastal sage scrub	A	Habitat is not present within the Proposed Project limits
Least Bell's vireo	<i>Vireo bellii pusillus</i>	FE/ SE	Riparian woodland	A	Habitat is not present within the Proposed Project limits
Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>	FE/ SE	Riparian woodland	A	Habitat is not present within the Proposed Project limits
Fishes					
Santa Ana Sucker	<i>Catostomus santaanae</i>	FT	Clear, cool rocky ponds; small to medium rivers	A	Habitat is not present within the Proposed Project limits
Insects					
Delhi Sands Flower-loving fly	<i>Rhaphiomidas terminates abdominalis</i>	FE	Delhi series sands	A	Proposed Project site is located outside mapped Delhi soils
Plants					
Gambel's watercress	<i>Rorippa gambellii</i>	FE/ ST/ 1B.1	Wetlands; marshes	A	Habitat is not present within

Table 1: Listed Species Potentially Occurring in the Proposed Project Area

Common Name	Scientific Name	Federal/State/CNPS Status	General Habitat Description	Habitat Present/Absent	Rationale
	<i>(Nasturtium gambelii)</i>				the Proposed Project limits
San Diego Ambrosia	<i>Ambrosia pumila</i>	FE/1B.1	Chaparral; Valley Grassland; Coastal Sage Scrub; Freshwater Wetlands	A	Habitat is not present within the Proposed Project limits
Santa Ana River Woolly-star	<i>Eriastrum densifolium ssp. sanctorum</i>	FE/SE/ 1B.1	Sandy soils; endemic to Santa Ana River drainage	A	The Santa Ana River drainage is not present within the Proposed Project limits
Slender-horned spineflower	<i>Dodecahema leptoceras</i>	FE/SE/ 1B.1	Alluvial fan sage scrub	A	Habitat is not present within the Proposed Project limits

Absent [A] - no habitat present and no further work needed. Habitat Present [HP] -habitat is, or may be present. The species may be present. Present [P] - the species is present. Critical Habitat [CH] - project footprint is located within a designated critical habitat unit, but does not necessarily mean that appropriate habitat is present. Status: Federal Endangered (FE); Federal Threatened (FT); Federal Proposed (FP, FPE, FPT); Federal Candidate (FC), Federal Species of Concern (FSC); State Endangered (SE); State Threatened (ST); Fully Protected (FP); State Rare (SR); State Species of Special Concern (SSC); California Native Plant Society (CNPS) 1B.1 – Rare, Threatened, or Endangered in California or elsewhere.

4 - Results: Biological Resources, Discussion of Impacts & Mitigation

Habitats and Natural Communities of Special Concern

There are no sensitive habitats or natural communities of special concern present within the Proposed Project limits. The Proposed Project would impact Waters of the United States/Waters of the State (WoUS/WoS) under the jurisdiction of the USACE, RWQCB, and CDFW; however, the jurisdictional areas are composed of ephemeral drainages located at the outlets of existing culverts and do not provide habitat for sensitive species (Refer to Figure 1-3, Culvert Extensions). The jurisdictional drainages ultimately connect to the Santa Ana River.

Project Impacts

The Proposed Project would directly impact 750 square feet (0.02 acres) of ephemeral, non-wetland WoUS/WoS as a result of the culvert extensions (Figure 1-3, Culvert Extensions). These impacts qualify for a non-notifying Nationwide 14 Section 404 permit from the USACE, as they are under the 0.10 acre threshold for reporting. A RWQCB Section 401 Permit and a CDFW Streambed Alteration Agreement will be required.

Avoidance and Minimization Efforts/Compensatory Mitigation

The following minimization measures would be implemented for impacts to WoUS/WoS:

- Construction best management practices (BMPs) will be implemented to maintain water quality during construction to prevent erosion and discharge of pollutants into water bodies.
- The Proposed Project shall prevent the transfer, introduction, or spread of invasive plant species from one water body to another by inspecting construction equipment prior to entering jurisdictional areas.

Special Status Plant Species

The Proposed Project site does not include special status plant species due to heavily disturbed soils and ongoing maintenance activities within the railroad right of way. As a result, no impacts would occur to special status plant species.

Special Status Animal Species Occurrences

The Proposed Project site does not provide habitat for migratory birds or any special status animal species due to a lack of nesting trees or shrubs, and heavily disturbed soils within the railroad right of way. As a result, no impacts would occur to special status animal species.

5 - Conclusions & Regulatory Determination

Federal Endangered Species Act Consultation Summary

There are no federally endangered or threatened species present within the Proposed Project site. Although the Proposed Project is located within the DSFLF Recovery Area in the Colton

Recovery Unit, no United States Department of Agriculture (USDA) Natural Resources Conservation Service (NRCS) Soil Survey mapped Delhi soils extend into the Proposed Project limits. The Proposed Project site is comprised of heavily disturbed, compacted soils and lacks indicator plant species such as buckwheat (*Eriogonum fasciculatum*), telegraph weed (*Heterotheca grandiflora*), and croton (*Croton californicus*). Ongoing railroad access and maintenance activities within the right of way have permanently altered the soils within the Proposed Project limits. Additionally, the Proposed Project is surrounded by residences to the north and south, local streets and at grade crossings, the Union Pacific Railroad overhead crossing, and the San Bernardino County Flood Control District “East Rialto Storm Drain” flood control channel to the north. Therefore, due to the adjacent land uses, the Proposed Project site provides little to no potential for connectivity to Delhi soils or areas subject to Aeolian (wind) processes.

As stated above in Section 3.0, a USFWS official species list was obtained on March 13, 2018 for the Proposed Project and included the species shown in Table 2.0 below. A No Effect determination has been made for each species due to the lack of presence of individual species and lack of suitable habitat within the Proposed Project limits.

Table 2.0 – Federal Endangered Species Section 7 Determinations

Common Name	Scientific Name	Federal/State/CNPS Status	Section 7 Determination	Rationale
Mammals				
San Bernardino Merriam’s kangaroo rat	<i>Dipodomys merriami parvus</i>	FE	No Effect	Habitat is not present within the Proposed Project limits
Stephens’ kangaroo rat	<i>Dipodomys stephensi</i> (incl. <i>D. cascus</i>)	FE/ST	No Effect	Habitat is not present within the Proposed Project limits
Birds				
Coastal California gnatcatcher	<i>Polioptila californica californica</i>	FT	No Effect	Habitat is not present within the Proposed Project limits
Least Bell’s vireo	<i>Vireo bellii pusillus</i>	FE/ SE	No Effect	Habitat is not present within the Proposed Project limits
Southwestern willow flycatcher	<i>Empidonax traillii extimus</i>	FE/ SE	No Effect	Habitat is not present within the Proposed Project limits
Fishes				
Santa Ana Sucker	<i>Catostomus santaanae</i>	FT	No Effect	Habitat is not present within

Table 2.0 – Federal Endangered Species Section 7 Determinations

Common Name	Scientific Name	Federal/State/CNPS Status	Section 7 Determination	Rationale
				the Proposed Project limits
Insects				
Delhi Sands Flower-loving fly	<i>Rhaphiomidas terminates abdominalis</i>	FE	No Effect	Proposed Project site is located outside mapped Delhi soils
Plants				
Gambel's watercress	<i>Rorippa gambellii</i> (<i>Nasturtium gambellii</i>)	FE/ ST/ 1B.1	No Effect	Habitat is not present within the Proposed Project limits
San Diego Ambrosia	<i>Ambrosia pumila</i>	FE/1B.1	No Effect	Habitat is not present within the Proposed Project limits
Santa Ana River Woolly-star	<i>Eriastrum densifolium</i> ssp. <i>sanctorum</i>	FE/SE/ 1B.1	No Effect	The Santa Ana River drainage is not present within the Proposed Project limits
Slender-horned spineflower	<i>Dodecahema leptoceras</i>	FE/SE/ 1B.1	No Effect	Habitat is not present within the Proposed Project limits

Absent [A] - no habitat present and no further work needed. Habitat Present [HP] -habitat is, or may be present. The species may be present. Present [P] - the species is present. Critical Habitat [CH] - project footprint is located within a designated critical habitat unit, but does not necessarily mean that appropriate habitat is present. Status: Federal Endangered (FE); Federal Threatened (FT); Federal Proposed (FP, FPE, FPT); Federal Candidate (FC), Federal Species of Concern (FSC); State Endangered (SE); State Threatened (ST); Fully Protected (FP); State Rare (SR); State Species of Special Concern (SSC); California Native Plant Society (CNPS) 1B.1 – Rare, Threatened, or Endangered in California or elsewhere.

Waters of the U.S./State Coordination and Permitting

The Proposed Project meets the criteria for a USACE Section 404 Nationwide 14 non-notifying permit, a RWQCB Section 401 Water Quality Certification, and a CDFW Streambed Alteration Agreement. Applicable permit applications and fees will be paid during final design and prior to the bid process.

Invasive Species

Most of the Proposed Project site is devoid of vegetation and subject to ongoing railroad activities within the right of way that contribute to the degradation of habitat within the Proposed Project site. Common invasive plant species within the right of way may include black mustard (*Brassica nigra*), ripgut (*Bromus diandrus*), red brome (*Bromus madritensis*), and filaree (*Erodium botrys*), although an inventory of invasive plant species was not performed. All

relevant and applicable BMPs will be implemented to avoid the spread of invasive plants during construction.

References

California Department of Fish and Wildlife. 2017. Natural Diversity Database (CNDDB) record search for the "San Bernardino South and Fontana, California" 7.5-minute quadrangles

RBF Consulting. June 2015. Agua Mansa Development Project. Delhi Sands Flower-Loving Fly Habitat Suitability Assessment.

United States Department of Agriculture. April 2017. Natural Resources Conservation Service (NRCS) Web Soil Survey

United States Fish and Wildlife Service. 2018. The USFWS Official Species List. Obtained from the Resource Report List, Information for Planning and Conservation (IPaC) Web page. Available online: <http://ecos.fws.gov/ipac/>

United States Fish and Wildlife Service Environmental Conservation Online System (ECOS). Accessed May 8, 2017. https://ecos.fws.gov/ecp0/conservationPlan/plan?plan_id=4215

United States Fish and Wildlife Service. 1997. Delhi Sands Flower-Loving Fly Recovery Plan.

Appendix A: USFWS Official Species List



United States Department of the Interior

FISH AND WILDLIFE SERVICE

Carlsbad Fish And Wildlife Office
2177 Salk Avenue - Suite 250
Carlsbad, CA 92008-7385
Phone: (760) 431-9440 Fax: (760) 431-5901
<http://www.fws.gov/carlsbad/>



In Reply Refer To:

March 13, 2018

Consultation Code: 08ECAR00-2017-SLI-0804

Event Code: 08ECAR00-2018-E-01538

Project Name: Lilac to Rancho Double Track Project (SBCTA)

Subject: Updated list of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, and proposed species, designated critical habitat, and candidate species that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment(s):

- Official Species List
-

Official Species List

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Carlsbad Fish And Wildlife Office

2177 Salk Avenue - Suite 250

Carlsbad, CA 92008-7385

(760) 431-9440

Project Summary

Consultation Code: 08ECAR00-2017-SLI-0804

Event Code: 08ECAR00-2018-E-01538

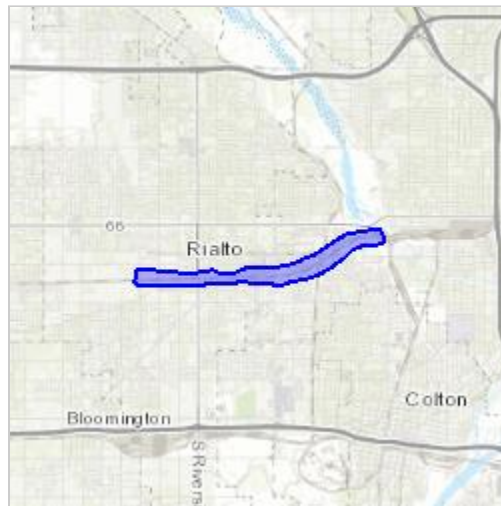
Project Name: Lilac to Rancho Double Track Project (SBCTA)

Project Type: TRANSPORTATION

Project Description: SBCTA, as the owner of the rail corridor within San Bernardino County and the lead agency, is proposing to complete the Preliminary Engineering and Environmental Clearance of approximately three (3) miles of a second main line track between Control Point (CP) Lilac Milepost (MP) 52.4 to approximately CP Rancho, near MP 55.1 on the San Bernardino Line.

Project Location:

Approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/place/34.100575677004585N117.34151691961868W>



Counties: San Bernardino, CA

Endangered Species Act Species

There is a total of 11 threatened, endangered, or candidate species on this species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

Mammals

NAME	STATUS
San Bernardino Merriam's Kangaroo Rat <i>Dipodomys merriami parvus</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/2060	Endangered
Stephens' Kangaroo Rat <i>Dipodomys stephensi</i> (incl. <i>D. cascus</i>) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/3495	Endangered

Birds

NAME	STATUS
Coastal California Gnatcatcher <i>Poliioptila californica californica</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/8178	Threatened
Least Bell's Vireo <i>Vireo bellii pusillus</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5945	Endangered
Southwestern Willow Flycatcher <i>Empidonax traillii extimus</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/6749	Endangered

Fishes

NAME	STATUS
Santa Ana Sucker <i>Catostomus santaanae</i> Population: 3 CA river basins There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/3785	Threatened

Insects

NAME	STATUS
Delhi Sands Flower-loving Fly <i>Rhaphiomidas terminatus abdominalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/1540	Endangered

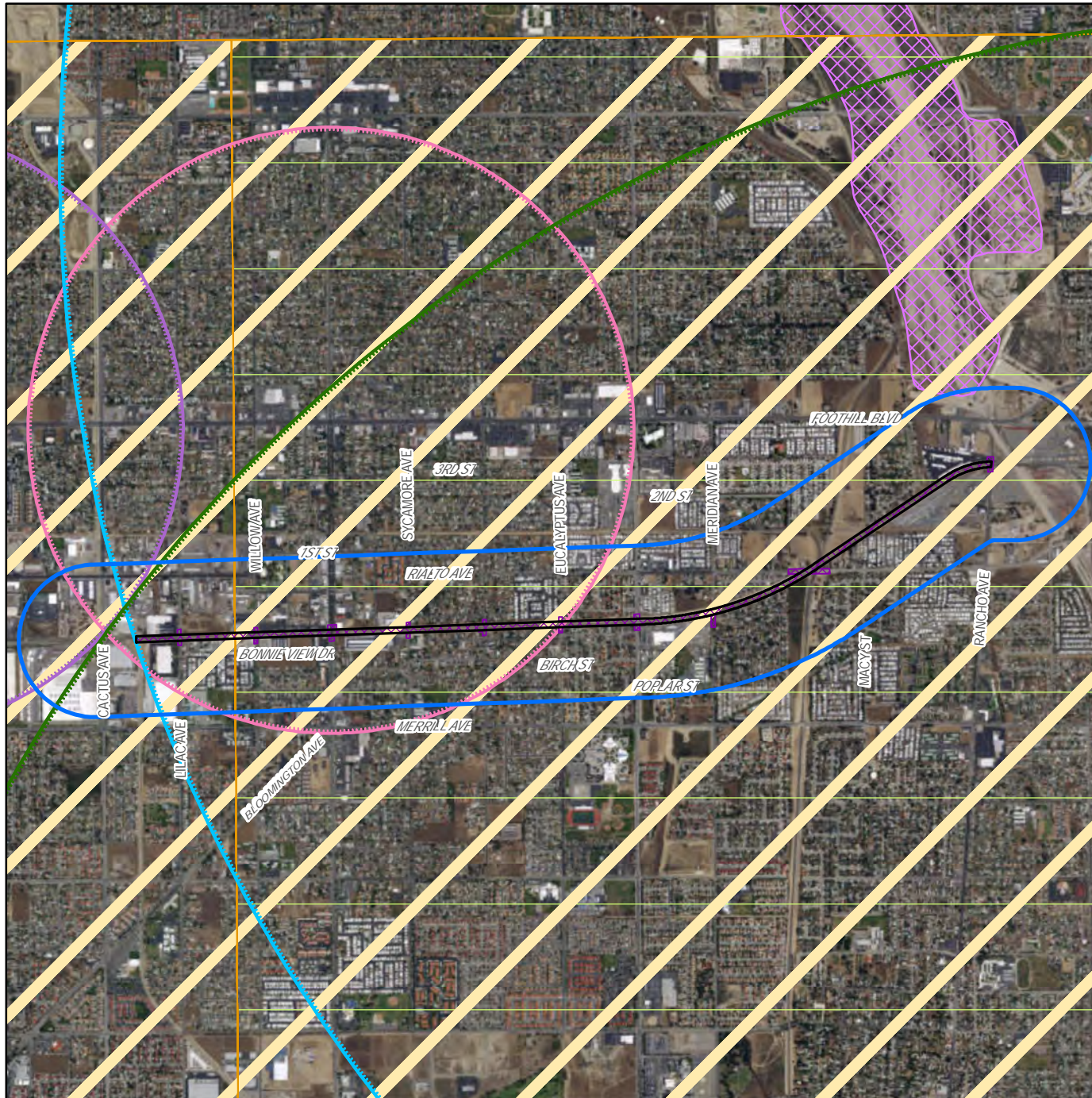
Flowering Plants

NAME	STATUS
Gambel's Watercress <i>Rorippa gambellii</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4201	Endangered
San Diego Ambrosia <i>Ambrosia pumila</i> There is final critical habitat for this species. Your location is outside the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/8287	Endangered
Santa Ana River Woolly-star <i>Eriastrum densifolium ssp. sanctorum</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6575	Endangered
Slender-horned Spineflower <i>Dodecahema leptoceras</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/4007	Endangered

Critical habitats

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

**Appendix B: CNDDDB Results for Fontana and
San Bernardino South, California
7.5-minute Quadrangles**

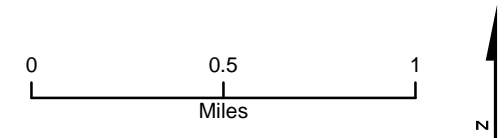


Legend

- Right-of-Way
- Project Work Limit
- 1/4-mile Distance from Project
- CNDDB Records within 1/4-mile**
 - Crotch bumble bee
 - Delhi Sands flower-loving fly
 - Parish's bush-mallow; pocketed free-tailed bat
 - Riversidian Alluvial Fan Sage Scrub
 - San Bernardino kangaroo rat
 - marsh sandwort; salt marsh bird's-beak
 - mesa horkelia

Data Source:
1. California Natural Diversity Database, May 2017

Basemap Source:
1. ESRI



Appendix B
California Natural Diversity Database
SBCTA Double Track Project
Rialto, California

Appendix E

Cultural Resources Monitoring Report

FINAL

Cultural Resources Report for San Bernardino County Transportation Authority - Lilac to Rancho Double Tracking Project

Prepared for
San Bernardino County Transportation Authority

Prepared by
**Gloriella Cardenas, M.A., RPA,
Cultural Resources Specialist**

April 2018



2600 Michelson Drive, Suite 500
Irvine, CA 92612

Management Summary

CH2M HILL Engineers, Inc. (CH2M) completed a cultural resources inventory for San Bernardino County Transportation Authority (SBCTA) and the Los Angeles County Metropolitan Transportation Authority (Metro) in support of the SBCTA CP Lilac to CP Rancho Double Tracking Project (Proposed Project). The goals of the Proposed Project are to provide improved commuter rail service between Los Angeles Union Station and the San Bernardino Station. The SBCTA, as the project proponent within San Bernardino County and as the lead agency, is proposing to complete the Preliminary Engineering and Environmental Clearance of approximately three (3) miles of a second main line track between Control Point (CP) Lilac Milepost (MP) 52.4 to approximately CP Rancho, near MP 55.1 on the San Bernardino Line (SBL). The Proposed Project corridor would include improvements within the City of Rialto and City of San Bernardino, San Bernardino County, California.

The project corridor is located on the Fontana and San Bernardino South, CA, 7.5 Minute USGS quadrangles. The legal descriptions are:

Township 1S, Range 5W Sections 11 and 12; Township 1S, Range 4 W, Section 7

The cultural resources inventory was conducted in compliance with Sections 21083.2 to 21084.1 of the Public Resources Code (PRC) and with the California Code of Regulations (CCR) and California Environmental Quality Act Guidelines Title 14, Chapter 3, Sections 15000 to 15387. Federal funding for the Proposed Project has not been identified at this time, however this document has been prepared consistent with projects subjected to federal funding. As a result of federal funding, the projects are subject to Section 106 of the National Historic Preservation Act, which requires federal agencies to take into account project effects on historic properties defined as properties listed in or eligible for listing in the National Register of Historic Places (NRHP).

Cultural resources include prehistoric and historic archaeological sites; districts and objects; standing historic structures, buildings, districts and objects; and locations of important historic events, or sites of traditional/cultural importance to various groups. This assessment includes a review of previous studies, the results of a systematic pedestrian surface survey, and recommended site evaluations of recorded resources.

This cultural resources assessment included a literature search for the area of potential effects (APE) and a 0.5-mile buffer. The search was conducted by the South Coastal Central California Information Center of the California Historical Resources Information System at California State University, Fullerton on November 29, 2016. In addition, CH2M conducted a systematic pedestrian survey of the APE on November 30, 2016.

No previously recorded cultural resources were identified within the APE from the literature search. No archaeological resources were found during the pedestrian survey. No significant impacts or adverse effects on historical resources are expected, because of Proposed Project implementation.

This study was conducted by Gloriella Cardenas, M.A., RPA, of CH2M, who meets the qualifications for Archaeological Principal Investigator in the Secretary of the Interior's Professional Qualification Standards. The pedestrian survey was conducted by Natalie Lawson, M.A. RPA.

A copy of this report and the Department of Parks and Recreation (DPR) primary form will be filed with the South Central Coastal Information Center.

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- A Area of Potential Effects
- B Representative Photographs
- C Native American Consultation
- D Addendum to Cultural Resources Inventory Report

Tables

- 1 Cultural Resources Studies Conducted in the APE
- 2 Cultural Sites within the Study Area

Acronyms and Abbreviations

°F	degrees Fahrenheit
BP	years before present
cal	calibrated
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
CFR	Code of Federal Regulations
cfs	cubic feet per second
CHRIS	California Historical Resources Information System
CRHR	California Register of Historical Resources
DPR	Department of Parks and Recreation
GPS	global positioning system
MLD	Most Likely Descendant
msl	mean sea level
NAHC	Native American Heritage Commission
NHPA	National Historic Preservation Act
NRHP	National Register of Historic Places
OHP	California Office of Historic Preservation
PRC	Public Resources Code
RPA	Register of Professional Archaeologists
SCCIC	South Central Coastal Information Center

SECTION 1

Introduction

CH2M HILL Engineers, Inc. (CH2M) completed a cultural resources inventory for San Bernardino County Transportation Authority (SBCTA) in support of the SBCTA CP Lilac to Rancho Double Tracking Project (Proposed Project). The goals of the Proposed Project are to provide improved commuter rail service between Los Angeles Union Station and the San Bernardino Station. The SBCTA, as the project proponent within San Bernardino County and as the lead agency, is proposing to complete the Preliminary Engineering and Environmental Clearance of approximately three (3) miles of a second main line track between Control Point (CP) Lilac Milepost (MP) 52.4 to approximately CP Rancho, near MP 55.1 on the SBL. The Proposed Project corridor would include improvements within the City of Rialto and City of San Bernardino, San Bernardino County, California.

The cultural resource assessment for the Proposed Project survey area was completed pursuant to the Californian Environmental Quality Act (CEQA) Guidelines (California Code of Regulations [CCR] Sections 15000–15387); Public Resources Code (PRC) Chapter 2.6, Section 21083.2 and 21084.1; and CCR Title 14, Chapter 3, Article 5, Section 15064.5. These codes and guidelines require state and local public agencies to identify any environmental impacts of proposed discretionary activities or projects to determine if the impacts will be significant and to identify alternatives and mitigation measures that will substantially reduce or eliminate significant impacts on the environment. State-owned properties are subject to the provisions of PRC Sections 5024 and 5024.5. Federal funding for the Proposed Project has not been identified at this time, however this document has been prepared consistent with projects subjected to federal funding. As a result of federal funding, the projects are subject to Section 106 of the National Historic Preservation Act, which requires federal agencies to take into account project effects on historic properties defined as properties listed in or eligible for listing in the National Register of Historic Places (NRHP).

Cultural resources include prehistoric and historic archaeological sites; districts and objects; standing historic structures, buildings, districts and objects; locations of important historic events; and sites of traditional/cultural importance to various groups. This cultural resource assessment includes a review of previous studies, the results of a systematic pedestrian surface survey, and preliminary site evaluations for recorded resources.

This cultural resources assessment includes a review of previous studies in the area of potential effects (APE), which includes all proposed disturbance areas, laydown areas, and access roads, and a 0.5-mile buffer around the APE (defined as the study area), and a systematic archaeological pedestrian surface and standing structures survey of the APE (Appendix A). Representative photographs of the Proposed Project area are provided in Appendix B. Appendix C contains documents related to Native American consultation.

The study area contains eight previously recorded sites which are located within the 0.5-mile buffer; no sites have been previously recorded within the APE. No new archaeological resources were discovered during this investigation.

Project personnel included Principal Investigator Gloriella Cardenas, M.A.; RPA and Natalie Lawson, M.A., RPA.

1.1 Project Description

SBCTA, as the owner of the rail corridor within San Bernardino County and the lead agency, is proposing to construct approximately three (3) miles of a second main line track between Control Point (CP) Lilac Milepost (MP) 52.4 to approximately CP Rancho, near MP 55.1 on the SBL. The Proposed Project corridor would include improvements within the City of Rialto and City of San Bernardino, San Bernardino County, California.

The project corridor is located on the Fontana and San Bernardino South, CA, 7.5 Minute USGS quadrangles. The legal descriptions are:

Township 1S, Range 5W Sections 11 and 12; Township 1S, Range 4 W, Section 7

Proposed Project would consist of the following features and evaluations:

- The addition of a second passenger platform on the south side of the existing Metrolink Rialto Station with architectural and other station facility required improvements.
- The evaluation of three pedestrian access design options to the new south side platform:
 - Option 1 – Pedestrian Overpass
 - Option 2 – Pedestrian Underpass
 - Option 3 – At-Grade Pedestrian Crossing
- The protection in-place of the existing UPRR Colton Cut-off Overpass near Rialto Avenue and the compliance with horizontal and vertical clearances.
- The removal of the existing No. 20 Right-Hand (RH) turnout west of Lilac Avenue, or the consideration of the construction of a crossover. The removal of the existing turnout would require ‘straight railing’ the track to properly tie into the proposed second main line track on the north side of the existing main line track.
- The construction of a new No. 20 Left-Hand (LH) turnout east of Rialto Avenue. The exact location of the proposed east end of the project would be evaluated to provide a ‘best fit’ alignment on a tangent segment between approximately MP 54.9 and MP 55.06.
- Railroad signals as well as Positive Train Control (PTC) considerations and required improvements.
- Necessary retaining walls.
- Existing Culverts extensions and protection-in place as required. There are 3-24” RCP and 1-42” RCP near the west end of the Rialto station, and 48” and 36” RCP east of Pepper Avenue.
- Civil improvements including grading, drainage, and utilities. Existing SBCFCD “East Rialto Storm Drain” flood control channel on the north side and drainage ditches on the south side of the right-of-way would be evaluated to be protected in-place and mitigated accordingly.
- Quiet Zone Feasibility Study for each of the eight (8) at-grade crossings within the double track footprint. In addition, two (2) at-grade crossings, Cactus Avenue on the west and Rancho Avenue on the east, would also be evaluated.
 - Quiet Zone features, potentially including but not limited to way-side horns, quad-gates, and additional access/crossing controls.
- Traffic including TMP, emergency access, and other ingress/egress issues.

Work includes the necessary associated civil, structural, track, signals, and PTC improvements. Five of the at-grade railroad crossings are within the City of Rialto and two are in the City of San Bernardino and one crossing (Eucalyptus Avenue) is in both cities as the southbound lane is in the City of Rialto and the northbound lane is in the City of San Bernardino. All work would take place within the already modified and fully improved SBCTA right of way (ROW), and along existing at-grade crossings within the cities of Rialto and San Bernardino local roadway ROW.

Conceptual alternative analysis for the alignment of the second track has been performed to determine the most feasible track alignment, placing the second track either north or south of the existing mainline track. SBCTA evaluated the feasibility for placing an approximate 1.5 mile of the second track on the north side of the existing track, from Riverside Ave to a point just west of Rialto Ave (Northern Alignment Alternative, Feasibility Study, Moffatt & Nichol, 2017). However, through a feasibility analysis it was determined that placing the second track on the south side of the existing track would be the preferred alternative. The preferred second track alignment alternative would be advanced to the preliminary engineering design (30%) level.

The APE and cultural resources survey area comprises of the Proposed Project area as described above. The APE map is provided in Appendix A.

SECTION 2

Environmental Setting

2.1 Natural Setting

The west of the San Bernardino Mountains, San Bernardino County has historically consisted of primarily agricultural or ranching land use. Rialto was incorporated in 1911 as a community tied to agriculture.

The Proposed Project's current setting is within a largely residential setting with schools, trailer parks, fire station, golf course, recreational facilities, utilities, roads, and other community features. The Proposed Project area is in a largely disturbed setting where existing natural habitats have been largely displaced by agricultural and associated activities.

The climate in the project area is defined by warm summers with average highs of 90 degrees Fahrenheit (°F) and mild winters with average temperatures of 50°F. Rainfall averages 13.28 inches annually (U.S. Climate Data 2017). Precipitation usually occurs in the form of winter rain.

2.2 Cultural Context

2.3 Prehistory

The general trend throughout California prehistory was an increase in population density over time, coupled with greater sedentism (living in one place for extended periods) and the use of a greater diversity of food resources. Chartkoff and Chartkoff (1984) identified three major periods of prehistory observed throughout California: Pre-Archaic, Archaic, and Pacific. These patterns are roughly correlated with the Paleoindian, Archaic, and Emergent periods, developed by Fredrickson (1984) for north coastal California. Southern California has had multiple proposed chronological sequences, but an overall accepted model does not exist. The lack of an unchallenged and accepted chronology is due to various problems dealing with gaps in the archaeological record, such as the unavailability of continuous datable materials, inconsistencies in the data and its recordation, and a lack of cultural elements that are definitive of a temporal period or a specific cultural group. To obtain prehistoric chronologies, group territories, and hallmarks of cultural periods, adaptations from other regions, cultures, and studies have been synthesized to create a chronological overview for prehistoric southern California.

Most chronological adaptations for prehistoric southern California, including the western region of San Bernardino County, have been adapted from two primary regional syntheses commonly used for the southern California deserts: Wallace (1955, 1978) and Warren (1968, 1984). The first, advanced by Wallace in 1955 and then refined in 1978, uses major cultural developments to define four cultural horizons, each with characteristic local variations: Early Period (Early Man Horizon), Milling Stone, Intermediate, and Late Period. In 1962, Wallace modified this chronology specifically for the deserts of southern California (Wallace 1962). Warren (1968, 1984) defines five periods in southern California prehistory: Lake Mojave, Pinto, Gypsum, Saratoga Springs, and Protohistoric.

Neither Warren's nor Wallace's chronologies mentioned above begin prior to Terminal Pleistocene ca. 12,000 BP. More sites in North and South America are beginning to be accepted as dating to earlier times and although the Sutton et al. chronology acknowledges this fact by the inclusion of the hypothetical Pre-Clovis Complex, no sites from this period are currently

documented in the Mojave Desert. A small fraction of the archaeological community has proposed Pre-Clovis sites within the Mojave Desert, but much of this data remains currently unpublished and not substantiated (Sutton et al. 2007).

2.3.1 Paleoindian Period (10,000 to 8,000 cal B.C.)

The Paleo-Indian Period, covers the interval from the first accepted presence of humans in southern California in the late Pleistocene until approximately 8,000 cal B.C. Artifacts and cultural activities from this period represent a predominantly hunting culture; diagnostic artifacts include extremely large, often fluted bifaces associated with use of the spear and the atlatl. Populations appeared to have been relatively small and highly mobile, living in temporary camps near readily available water.

Abundant evidence exists that humans were present in North America for at least the past 11,500 years. Also fragmentary, but growing, evidence exists that humans were present long before that date. Linguistic and genetic studies suggest that human colonization of the North America may have occurred 20,000 to 40,000 years ago. Evidence of this earlier occupation is not yet conclusive but is beginning to be accepted by archaeologists. The Meadowcroft Rockshelter in Pennsylvania and Monte Verde in Chile, for instance, are two sites that have produced apparently reliable dates as early as 12,500 years before present. These earliest known remains indicate very small, mobile populations that were apparently dependent on hunting large game animals as the primary subsistence strategy. Evidence for Clovis occupation in the Southern California is currently limited to scattered sparse surface deposits and only a few known sites located at China Lake, Lake Mojave, and the Pinto Basin which is presumed to be an occupation site (Sutton et. al 2007). Two clusters of Paleo-Coastal sites are reported to be located in coastal southern California. One cluster runs between San Luis Obispo and Santa Barbara which includes sites found in the Channel Islands; the second cluster of sites is reportedly located in San Diego County (TKC and SRI 2005)

2.3.2 Lake Mojave Period (8,000 to 6,000 cal B.C.)

In southern California, the earliest substantive remains of human occupation are found along the shoreline of ancient Lake Mojave in the Mojave Desert of San Bernardino County. The Lake Mojave Period (approximately 8,000 to 6,000 cal B.C.) is associated with now-dry pluvial lakes found throughout the Mojave Desert. Artifacts observed at Lake Mojave Period sites include stylized dart points of the Lake Mojave and Silver Lake series, well-made bifacial knives and other cutting tools, large domed scrapers or scraping planes, crescents, occasional cobble core tools, and ground stone implements (Wallace 1962; Sutton et. al 2007). Flaked stone artifacts, which make up the largest part of the toolkit, are often formal tools made of non-local materials, while ground stone tools, present in far smaller numbers, generally show ephemeral wear, thus suggesting long-term curation of more easily ported items and less reliance on floral resources. Site types include extensive habitation sites, small camps, and workshops (Sutton et. al 2007). In addition to sites known in the Lake Mojave area, a goodly density of Lake Mojave Period artifact assemblages are known at Fort Irwin, Twenty-nine Palms, and China Lake.

2.3.3 Millingstone Period (6,000 to 3,000 cal B.C.)

The Millingstone Period occurs in a wide variety of topographic and environmental zones, including near remnant pluvial lake basins, near fossil stream channels, close to springs or seeps, in upland areas and in the coastal plain. Large Millingstone sites with deep middens and a wide range of artifact types appear to correlate with stable water sources. In recent years the number of archaeological remains that have been recovered from this period, has added greatly to the record, and has facilitated models and definition of cultural patterning. The main

distinction between this and the previous chronological period is the increase in number of ground stone tools found at Millingstone sites in comparison to the relative paucity of ground stone tools found at Lake Mojave sites. High levels of ground stone found at Millingstone Complex sites indicates that the emergence of intensive plant exploitation

This period's sites are found in a wide range of environments and the flourishing of new economies including greater plant exploitation, is seen both in the desert as well as on the coast during the Millingstone Period. *Olivella* shell beads have been found in southern California desert sites, indicating the beginnings of trade with the coast. Diagnostic artifacts recovered from Millingstone Period archaeological sites include heavy keeled scrapers, metates, manos, coggled stones, discoidals, and doughnut stones. The mortar and pestle is largely uncommon during this period. Though Pinto series projectile points, which are large, coarsely made points, indicating the continued use of darts and atlatls are found in other parts of the region (Warren 1984), in coastal southern California, projectile points are rare (TKC and SRI 2005). By the end of the middle Holocene, conditions nearby deserts became much hotter and much drier. Currently, few sites in the California deserts are known to date to the period between 3000 and 2000 cal. B.C. and it appears that parts of the Mojave may have been abandoned (Sutton et al. 2007).

2.3.4 Intermediate Period (3,000 cal B.C. to A.D. 1000)

This period is commonly referred to as the Gypsum Period in other regions of southern California, and the Intermediate is its counterpart for coastal prehistoric groups. This era is marked by the introduction of the bow and arrow and increase of flaked tool technology. This period also gives rise to the use of mortar and pestle, and the mano (hand stone) and metate (grinding stone) are relied upon to a lesser degree. This may indicate a shift in harvesting food types; with the introduction of the mortar and pestle, it is clear that acorn processing is practiced and preferred over small seed harvesting. Perhaps, due to the change in resource exploitation, settlements become more sedentary.

2.3.5 Late Prehistoric Period (A.D. 1000 to Historic Times)

During this period, there was a strong reliance on plant food gathering and hunting of small game, and a decreased reliance on large game (Warren 1984). This period is marked by an increase in population size and cultural complexity. This is not only represented by large material assemblages, but by the diversity of items, including the rise in use of non-utilitarian objects. Seasonal movement was still common and it resulted in a diverse array of site types. For the populations in the southern California, large village sites remain marked by a paucity of pottery. Characteristic artifacts include steatite bowls and other containers, bone tools, shell and steatite ornaments and beads, Desert series and Cottonwood projectile points, buffware and brownware ceramics, and milling tools. During this period, interment practices are distinguished by the amount and types of burial goods. Coastal trade continues to develop and expands to desert groups.

2.4 Ethnography

The Proposed Project area was the pre-European territory of the Gabrielino, or Tongva, Serrano and Cahuilla native peoples.

The Gabrielino

The Gabrielino's language belongs to the Takic sub-family of the Uto-Aztecan language stock. The territory of the Gabrielino was comprised of inland valleys and coastal plains and span

from Topanga Canyon (Los Angeles County) in the north to El Toro (Orange County) in the south, Catalina, San Clemente and San Nicolas Islands in the Channel Islands, and the San Gabriel and San Bernardino inland valleys in the east (McCawley 1996).

Pre-European contact population numbers are difficult to assess due to discrepancies in the record; in 1852, Scottish born Los Angeles resident Hugo Reid, published letters about the Gabrielino lifeways and he believed there were some 68 villages, 28 of which he identified in Los Angeles County (McCawley 1996:25). Each village was reported to have contained an average of 100 people and McCawley (1996) offers an estimate of over 5,000 Gabrielinos at the time of contact.

The pre-contact Gabrielino practiced a patrilinear lineage system. Members of the lineage were given access to diverse resources held by the families within their lineage, allowing the Gabrielino to exploit multiple ecologies. The heavily hierarchical Gabrielino social system was comprised of elites, commoners, middle-class, the poor and slaves. The elites were the only ones to possess access to religious items and the middle-class supported the elites.

Distribution of settlements did not fall into a consistent pattern throughout the Gabrielino territory, this was in large part due to the diverse ecological zones within Gabrielino territory boundaries which was comprised of coastal, island, valleys, and foothills. However, there was a patterning to larger settlements; the archaeological record in Orange County contains abundant data regarding large village site distribution and function. Villages were placed where there was access to varying types of environments and resources and a system of satellite camps stemming from main villages for the specific procurement of resources was then established. The level of use of these satellite campsites was in direct response to population and village size as well as distance from the main village to the campsite (Earle and O'Neal 1994).

Ethnographies have not consistently documented the indigenous groups of southern California. Often various tribes, such as the Chumash, the Gabrielino and the Luiseño have been intertwined so that it becomes difficult for the researcher to distinguish one from the other in the written record. Due to this discrepancy, architecture for the southern groups and the documentation for the use of space, is virtually unknown (Ciolek-Torrelo 1998). What is known is that domestic structures for southern California groups, were constructed of reeds, grass and tule (*Schoenoplectus acutus*). The Gabrielino houses were semi-subterranean structures built by erecting a pole at the center of an approximate 2.5 foot deep circular pit; postholes would have been dug around its circumference where willow reeds would be placed into and leaned towards the center and secured, then covered in tule and grasses. While neighboring groups covered their houses in daub (a mud mixture), it is reported that the Gabrielino did not, however, their sweatlodges were covered in daub after construction (Bean 1972; Ciolek-Torrelo 1998; McCawley 1996).

Bean writes of the Gabrielino as:

The most powerful of the Shoshonean groups and were probably very influential in the diffusion of ideas to inland peoples. The powerful military competency of the Gabrielino undoubtedly limited territorial expansion of the Cahuilla.
(Bean 1974:70)

Neighbors of the Gabrielino were the Chumash to the north, the Serrano to the east, the Cahuilla to the southeast, and the Luiseño and Juaneño to the south.

This is not an exhaustive account of the Gabrielino but a summary, and McCawley (1996) in *The First Angelinos: The Gabrielino Indians of Los Angeles*, offers a more comprehensive study at the Gabrielinos.

The Serrano

The Serrano, are classified as belonging to the Takic linguistic branch, a subdivision of the Uto-Aztecan language family, and are considered to be a part of the Shoshonean or Takic migration into California (Byrd 1996; Moratto 2004; Sutton 2005). The Serrano were a cultural group whose territory spanned from the Mojave River, located south of Barstow to the San Bernardino Mountains including the city of Rialto. By the time of the Spanish exploration, the entire population of the Serrano may have ranged from 500 to 1,000 members. In addition to its occupation of the upper Mojave River drainage, the Desert branch of the Serrano, the Vanyume, appear to have occupied a substantial area within the western Mojave region. Vanyume territory extended from the eastern Mojave Desert through modern day Victorville and as far west as the city of Palmdale in the Antelope Valley (Bean and Smith 1978; Earle et al. 1998; O'Rourke 2005).

The subsistence practices of the Serrano were primarily composed of hunting and gathering within diverse ecological zones. The Vanyume practiced the same subsistence strategies as the Serrano and exploited the same resources; foods consumed included acorns and piñon nuts and other seeds from the foothills of the San Bernardino Mountains, yucca, mesquite, and cactus from desert environs, game (deer, rabbit, antelope, and other small mammals), and fish. The primarily desert-occupying Vanyume had resources available to them from outside of their territories through trade and networking with other Serrano groups who occupied areas in both the San Gabriel and San Bernardino Mountains (Bean and Smith 1978).

Settlement locations were dictated by water resources and villages tended to be based near streams, springs, and rivers, with village sizes ranging from 50 up to 100 people (Earle et al. 1998). Family dwellings were of the style encountered with many groups in southern California, constructed in a circular-domed fashion made of willow and tule. A central fire was located in each dwelling for heat and minor cooking though most domestic activities occurred outdoors. Other structures found in a Serrano village would be composed of armadas, an unenclosed structure roofed with brush, and a ceremonial house occupied by a village leader (Bean and Smith 1978).

The annual cycle of social, ceremonial, and economic activities of all Serranos was dictated by the seasonal availability of important subsistence resources (Earle et al. 1998). They engaged particularly in hunting, craft activities, and visiting during the winter months after the fall piñon and acorn harvests. Early spring was the period of greatest food scarcity during the year.

By the 1920s, the largest presence of the region's Native American inhabitants consisted of a small village near Victorville within traditional Vanyume territory. Census records indicate that the majority of individuals in this village identified themselves as "Pi Ute," while the remainder identified themselves as "Chimawaya" or not at all. Many Native Americans living in the vicinity of the village were not included in the census (Bloomberg 1987). In 2004, excavations at a village site near Palmdale unearthed several graves. Mitochondrial DNA matching established a direct link between one of these individuals to present day Vanyume still living in the Antelope Valley (O'Rourke 2005). Neighboring groups of the Vanyume were the Tataviam in the Santa Clarita Valley to the southwest, the Kitanemuk and Kawaiisu to the northwest near the Tehachapi Mountains, the Chemehuevi to the east, the Cahuilla to the south, other Serrano groups to the south-southwest, and the Gabrielinos to the west.

Cahuilla

The study area is located within the traditional territories of the Cahuilla, who occupied areas in the San Geronimo Pass area, the San Jacinto Mountains, and the western Coachella Valley. The Cahuilla have been divided into three broad groups based on their geographic distribution: Desert Cahuilla, Mountain Cahuilla, and Western (or Pass) Cahuilla. These divisions are loose geographic groupings of small independent villages that differed from each other in speech and custom (James 1960).

The Cahuilla belong to the Takic subgroup of the Uto-Aztecan language stock. The Cahuilla are one group, of four, Cupan speakers; the other three groups being the Gabrielino, Serrano, and Luiseño. According to Bean (1978) the Cahuilla, in prehistoric times, practiced a hunter-gatherer lifestyle and lived in permanent communities located near water such as springs, wells, or streams. The most important factors for choosing a community site were the presence of a stable food supply, water, and some measure of protection from wind, cold in winter, and heat in summer (James, 1960). Among the chief foods of the Cahuilla were acorns and mesquite seeds. Other foods included western juniper, pine nuts, yucca, cactus, rabbit, and deer (James 1960).

During the historic period in southern California, many Cahuilla adopted modern agriculture and ranching. In the 1860s, the Cahuilla population was decimated by the smallpox epidemic of 1862-1863 (Bean et al. 1981). In 1877, reservations were created for the Cahuilla and the first Indian schools were built. Despite these changes, the Cahuilla were able to maintain their political systems and religion (Tiller 1995). After the signing of the gaming compact between Native Americans and the State of California, the Cabazon Band of Mission Indians opened a casino just north of Palm Springs. Although there were more than 600 members of this tribe when the Cabazon Reservation was dedicated in the late 1800's, today there are less than 55 members (Cabazon Cultural Museum 2011).

2.5 History

In 1542, Juan Rodriguez Cabrillo explored the California coast by ship, entering San Diego Bay and claiming Alta California for Spain. Sixty years later, Sebastian Vizcaino sailed into the San Diego Bay. Exploration of the land was slower to come. Don Gaspar de Portola searched Alta California for suitable mission sites in 1769. Captain Juan Bautista de Anza, traveled a desert route to the Mission San Gabriel Arcangel from Mexico in 1774.

In California, the historic era is generally divided into three periods: the Spanish or Mission Period (1769 to 1821), the Mexican or Rancho Period (1821 to 1848), and the American Period (1848 to present).

2.5.1 Spanish/Mission Period

Gaspar de Portola was appointed as the first governor of California in 1667 and his first command by the Viceroy of Mexico was to expel the Jesuits from Baja California. This prompted the launch of military and Franciscan expeditions from Baja California into the region, and with it, the official start of the historic period in California began. Following the expulsion of the Jesuits in Baja California, Spanish Colonial military outposts were established in Alta, the first of which was El Presidio Real de San Diego in 1769 with Pedro Fages as its commander. Military outposts continued to be built as expeditions travelled north. The Portola expedition of 1769, reached Orange County on July 22, and was in the San Gabriel Valley by August 2 (Beebe and Senkewicz 2001).

During this period, 21 missions would be built in California, lined up from south to north along the El Camino Real, the first of which was San Diego de Alcalá, founded by Junípero Serra. Mission San Gabriel Arcángel, established by Father Pedro Cambon and Father Angel Somera in the San Gabriel Valley on September 8, 1771, was the fourth mission in southern California. In 1776 Santa Ana River floods destroyed much of the mission and it was relocated from Montebello, California to what is now the city of San Gabriel, California. Along with rebuilding the mission, 27 outlying *estancias* (ranchos) were established to supply this mission with meat, hay, grain, vegetables, and fruits.

In 1774, the first Juan Bautista de Anza expedition crossed the Colorado River and entered California. His expedition crossed through the Coahuila Valley in the southern Colorado Desert, following the route of the historic Southern Pacific Railroad through Coachella Valley and into the San Geronio Pass (Bancroft 1886: 262).

By 1823, the San Gabriel Mission Fathers had established an outpost of the San Gabriel Mission at the highest point in the San Geronio Pass, along the foothills northwest of Banning, where they raised cattle and sheep and grew crops. The Padres named it San Geronio Rancho. These were the easternmost extent of the lands claimed by the Mission San Gabriel and the location of the Rancho along the San Geronio Pass placed it along the yearly journey for salt. Each spring, Padres sent Indians and Spaniards down into the Coachella Valley to the Salton Sea where they gathered enough salt to supply the mission and pueblo for the coming year (Lech 2004).

2.5.2 Rancho Period

The Decree of Secularization, passed in 1834, ended the Mission Period in California. The rancho mission lands of San Bernardino and San Geronio were abandoned. The following years were marked by the proliferation of cattle ranching throughout the region, as the Mexican governor granted vast tracts of land to Mexican (and some American) settlers. The mission lands were then opened for grants by the Mexican government to citizens who would colonize the area and develop the land, generally for grazing cattle and sheep (Lech 2004).

In 1842 the Rancho San Bernardino, which encompassed modern day Rialto, was granted to the Antonio Maria Lugo and his family. Failures in ranching forced the Lugo family to sell the property to the Mormon Church in 1851 (San Bernardino History & Railroad Museum 2010).

The practice of utilizing natural valleys and slopes as open range for livestock is a typical practice for this region, and continued to be employed well into the American period. The economic and demographic makeup of the San Bernardino area remained almost unchanged until years after California became a state on September 9, 1850.

2.5.3 American Period

Following the signing of the Treaty of Guadalupe Hidalgo in 1848, the United States took possession of California. The treaty bound the United States to honor the legitimate land claims of Mexican citizens residing in captured territories. The Land Act of 1851 established a board of Land Commissioners to review these records and adjudicate claims, and charged the Surveyor General with surveying confirmed land grants. In order to investigate and confirm titles of California, American officials acquired the provincial records of the Spanish and Mexican governments that were located in Monterey. Those records, most of which were transferred to the U.S. Surveyor General's Office in San Francisco, included land deeds and sketch maps (Gutierrez et al. 1998).

From 1852 to 1856, a board of Land Commissioners determined the validity of grant claims. The commissioners rejected many of the original rancho claims which then became public domain

and fair game for squatters. Ranch titles represented little as collateral. Although the claims of some owners were eventually substantiated, many of the owners lost their land through bankruptcy or the inability to meet the exorbitant interest on their legal debts. Many of the original rancho owners eventually lost their land to the United States. Non-surveyed land boundaries created a loophole through which squatters could occupy plots on the fringes of land grants and eventually come to own those plots through squatters' rights (Gutierrez et al. 1998).

2.5.4 Rialto

During the American period, the Proposed Project area was largely an agricultural and ranching community with settlers coming specifically to build and contribute to the citrus and cattle industry. The growth in the industry and settlements was a result of the construction of the railroad and the formation of the Semitropic Land and Water Company, both incorporated in the area in 1887. Rialto was founded in 1911. In 1913, U.S. Route 66 traversed through the city and in 1914 the Pacific Electric Rail had reached Rialto, connecting it to Los Angeles via the San Bernardino Line. At the time of its founding, Rialto boasted a population of approximately 1,500, by the end of the 1950s, it's population had soared above 15,000. As of 2010, the population estimates were near 100,000. The current land use of the city has moved away from ranching and agriculture and consists of predominantly industrial and commercial ventures in the form of distribution centers for companies such as Toys "R" Us, Target, Staples, Under Armour, and Pyro Spectaculars.

SECTION 3

Methods

This section provides the methods used by CH2M to guide the records and archival search and subsequent fieldwork phase of the cultural resource inventory for the Proposed Project, in order to identify any historic properties located within the project area. The methods were planned to meet or exceed the local, state, and federal requirements as well as *California Archaeological Resource Management Report* (California Office of Historic Preservation 1990) reporting guidelines.

The fundamental goals of a pedestrian survey are to identify and document previously unrecorded cultural resources and analyze cultural materials, not only to better characterize potential project effects, but also to attempt to confirm or elaborate on our current understanding of the prehistory and history of the region. From a management perspective, the ability of specific resources to address research questions provides a basis to evaluate California Register of Historic Resources (CRHR) and National Register of Historic Places (NRHP) eligibility. Methods for conducting the field survey and inventory as well as results are described below.

3.1 Literature Search

A literature search was requested by CH2M from the SCCIC of the CHRIS, located at California State University, Fullerton and results were received on November 29, 2016. The records search included a review of all recorded prehistoric and historic archaeological sites and historic architectural resources, as well as all known cultural resource survey and excavation reports documented in the National Archaeological Data Base. The study area consisted of the APE and a 0.5-mile radius around the APE. Additionally, NHRP, the California Register of Historical Resources (CRHR), California Historical Landmarks, and California Points of Historic Interest were all examined.

3.2 Cultural Survey

Survey methodology for prehistoric and historic cultural resources was performed using pedestrian transects spaced at 15-meter intervals throughout the entire survey area. The topography of the Proposed Project area was flat. Subsurface exposures, including rodent burrows and cut banks, were examined. Survey was navigated via Trimble Geo XTH global positioning system (GPS) units. Each GPS unit contained the survey area shape files, all previously recorded site boundaries, and all previously recorded resources.

The *California Office of Historic Preservation's (OHP) Information Center Procedural Manual* (OHP 1995) defines a site as the location of a prehistoric or historic occupation or activity. A district is defined as possessing a significant concentration, linkage, or continuity of sites, buildings, structures, or objects united historically or aesthetically by plan or physical development. The term "structure" is used to distinguish from buildings those functional constructions made usually for purposes other than creating human shelter. Areas with five or more items are recorded as Sites, while areas with four or less items are recorded as Isolated Finds. Features are also recorded as sites. Resources separated by more than 50 meters or located on different landforms are recorded as distinct sites or as isolates.

The survey was conducted as a non-collection effort; all resources were mapped and photographed in-place. No artifacts were discovered or collected.

3.3 Native American Consultation

The Native American Heritage Commission (NAHC) was contacted by CH2M on April 28, 2017, to request a Sacred Lands File Search that includes information about traditional cultural properties, such as cemeteries and sacred places, in the Proposed Project area. The NAHC responded on May 5, 2017, with a list of Native Americans interested in consulting on development projects. Each of these individuals and groups were contacted on June 13, 2017, in compliance with Assembly Bill 52 (Public Resources Code Section 21080.3.1).

SECTION 4

Results

4.1 Literature Search

The literature search conducted at the SCCIC provided data about known documented studies. A total of 50 prior cultural resource studies have been conducted within the study area. Eleven of these studies were conducted within the APE between 1978 through 2011. As a result previous investigations, approximately 100 percent of the APE has been subject to cultural resources studies. Table 1 lists all previous investigations conducted within the APE.

Table 1. Literature Search Results Cultural Resources Reports

Authors and Date	Report Title	NADB Numbers
URS Research Company – 1978	Cultural Resources Evaluation of the Rialto Tank Farm Location and Associated Pipeline and Pump Station Locations at San Bernardino County, California	00711
URS Research Company – 1978	Cultural Resources Evaluation of the Four Corners Pipeline Interconnect Facilities, San Bernardino County, California	00712
URS Company – 1978	Cultural Resources Evaluation for the Naval Petroleum Reserve, No. 1 (Elk Hills) to Rialto Crude Oil Pipeline, Kern County California	00713
URS Company – 1978	Cultural Resources Evaluation for the Rialto Crude Oil Tank Farm to the Four Corners Pipeline, Kern County, California	00714
Hatheway & McKenna – 1987	National Register Evaluation of the Rialto Heights Association Packing House, Rialto, San Bernardino County, California	01683
Singer & Associates, Inc. – 1990	Cultural Resources Survey and Impact Assessments for Tentative Tract No. 14770 in Rialto, San Bernardino County, California	02127
Macko Archaeological Consulting – 1994	Cultural Resources Evaluation of the Atchison, Topeka and Santa Fe Railway Company 21.1-Acre Quality Distribution Site, City of San Bernardino, California	02885
Aztec Engineering, Inc. – 2008	Cultural Resources Assessments for 2.42 Acres for the John Longville Metrolink Depot Parking Lot Expansion Project in the City of Rialto, San Bernardino County, California	06085
Atkins - 2011	Cultural Resources Assessment San Bernardino Redevelopment Project Area Merger – Area B Project City of San Bernardino, San Bernardino County, California	06994
CRM Tech – 2010	Preliminary Historical/Archaeological Resources Study San Bernardino Line Positive Train Control Project	07084
Hatheway & Associates – 1998	Determination of Eligibility Report for 50 Buildings in the City of San Bernardino	07959

Source: SCCIC 2016

Note:

NADB = National Archaeological Database

A total of eight cultural resources are located within the 0.5-mile study buffer, none of which are within the APE. The resources, shown on Table 2, make up the eight cultural resources located within the study area.

Table 2. Cultural Sites within the Study Area

Sites within 0.5-Mile Radius			
Site Number	Site Type	Site Description	Evaluation CRHR/ NRHP Year
P-36-006864	Historic	Structural remains	Not evaluated
P-36-006865	Historic	Structural remains	Not evaluated
P-36-012260	Historic	Garage	Not eligible/2006
P-36-017601	Historic	First Christian Church of Rialto	Listed/2003
P-36-017644	Historic	Herbert M. Van Frank Home	Not evaluated
P-36-1066085	Historic	Shed	Not evaluated
P-36-023663	Historic	Building	Not eligible/2011
P-36-0060254	Prehistoric	Isolate	Not eligible/1977

Source: CHRIS SCCIC.

4.2 Native American Consultation

The NAHC provided CH2M with a list of Native Americans interested in consulting on development projects on April 28, 2017. Each of these individuals and groups was contacted by letter on June, 13 2017. The SBTCA, as the lead agency, will be conducting tribal consultation.

Copies of the letters are provided in Appendix C.

The NAHC record search of the Sacred Lands file did not indicate the presence of Native American cultural resources in the Proposed Project survey area. The record search conducted at the SCCIC of the CHRIS also did not indicate the presence of Native American traditional cultural properties.

4.3 Cultural Survey

A systematic pedestrian cultural resource survey of the area of the APE was conducted on November 30, 2016 by CH2M, led by archaeologist Natalie Lawson M.A., RPA, who meets the qualifications for Principal Investigator in the Secretary of the Interior's standards and guidelines for archaeology and historic preservation (NPS 1983).

The cultural survey area is predominately located the built environment. Ground visibility throughout the survey corridor was generally poor as the APE was largely paved or graveled. Survey was conducted in 15-meter transects. Disturbances to the survey area have

affected 100 percent of the horizontal in the form of grading and railroad constructions, and an unknown percentage of the vertical.

4.3.1 Cultural Resources Observed

No archaeological or historic period resources were discovered as a result of the pedestrian survey.

4.3.2 Additional Cultural Survey

An additional pedestrian cultural resource survey specific to the two Quiet Zone Improvement areas (one at mile post 54.1 on Cactus Avenue, and the second at mile post 55.3 on Rancho Avenue) was completed on March 23, 2018. Results of the survey are included in Appendix D.

SECTION 5

Determination of Eligibility and Assessment of Potential Effects

5.1 Standards of Significance

Standards of significance for the Proposed Project were determined from adopted standards from the following sources:

- California Environmental Quality Act (CEQA) Guidelines, Appendix G (2002)
- Instructions for Recording Historical Resources (OHP 1995)
- National Register Bulletin- How to Apply the National Register Criteria for Evaluation (National Park Service 1990).

Adopted standards of significance that are applicable to cultural resources are provided in the CEQA Guidelines, Appendix G (2002). Significance criteria considered for the cultural resources impact analysis are provided below.

Adverse effects on cultural resources can include physically altering, damaging, or destroying all or part of a resource; altering characteristics of the surrounding environment that contribute to the resource's significance; introducing visual or audible elements that are out of character with the property or that alter its setting; neglecting the resource to the extent that it deteriorates or is destroyed; or the sale, transfer, or lease of the property out of federal agency ownership (or control) without adequate legally enforceable restrictions or conditions to ensure preservation of the property's historic significance.

The protection of cultural resources is governed by several federal laws and regulations, including the National Historic Preservation Act (1966), the Archaeological and Historic Preservation Act (1974), the American Indian Religious Freedom Act (1978), the Archaeological Resources Protection Act (1979), and the Native American Graves Protection and Repatriation Act (1990).

Section 106 of the NHPA requires federal funded projects to take into account the effect that a federal undertaking would have on any district, site, building, structure, or object that is included in, or eligible for, inclusion in the NRHP.

The enabling legislation for Section 106 is contained in 36 Code of Federal Regulations (CFR) 800 "Protection of Historic Properties." The Section 106 process entails the following three basic steps:

- Identify historic properties potentially affected by the undertaking.
- Assess adverse effects on historic properties.
- Seek ways to avoid, minimize, or mitigate any adverse effects on historic properties.

In accordance with 36 CFR 800, determinations regarding the potential effects of an undertaking on historic properties are reached through consultation with the State Historic Preservation Officer, federally recognized Native American Tribes, and other interested parties.

Under Section 106 of the NHPA, an adverse effect is found when an undertaking may alter, directly or indirectly, any of the characteristics of a historic property that qualify the property for inclusion in the NRHP in a manner that would diminish the integrity of the property's location, design, setting, materials, workmanship, feeling, or association. Adverse effects may include reasonably foreseeable effects caused by the undertaking that may occur later in time, be farther removed in distance, or be cumulative. Following are examples of adverse effects:

- Physical destruction or damage
- Alteration inconsistent with the Secretary of the Interior's Standards for the Treatment of Historic Properties
- Relocation of the property
- Change in the character of the property's use or setting
- Introduction of incompatible visual, atmospheric, or audible elements
- Neglect and deterioration
- Transfer, lease, or sale out of federal control without adequate preservation restrictions

National Register of Historic Places Eligibility Criteria

The preservation of historic properties became national policy first with the passage of the Antiquities Act of 1906. The Historic Sites Act of 1935 continued the goal of preserving historic properties. And finally, the NHPA was passed in 1966. The NRHP was established as part of the NHPA.

Cultural resources include prehistoric and historic archaeological sites, districts, and objects; standing historic structures, buildings, districts, and objects; locations of important historic events; and sites of traditional or cultural importance to various groups. Title 36 Code of Federal Regulations (CFR) Section 800 defines a historic property as any prehistoric or historic district, site, building, structure, or object listed in, or eligible for listing in, the NRHP. The criteria used to evaluate properties for the NRHP are provided in 36 CFR 60 and listed in the following bullets. A resource must meet one or more of these following criteria to be considered for eligibility:

- Be associated with events that have made a significant contribution to the broad patterns of history (Criterion A)
- Be associated with the lives of persons significant to our past (Criterion B)
- Embody the distinctive characteristics of a type, period, or method of construction, or represent the work of a master, possess high artistic values, or represent a significant and distinguishable entity whose components might lack individual distinction (Criterion C)
- Have yielded, or have the potential to yield, information important to prehistory or history (Criterion D)

Generally, properties must be 50 years old to be eligible for the NRHP, but those that have achieved significance within the past 50 years may be eligible under Criteria Consideration G, which states that a property achieving significance within the last 50 years can be eligible if it is of exceptional importance.

In addition to meeting one or more of these criteria, a resource must retain integrity to be considered a historic property. Integrity is the authenticity of the physical identity, as evidenced by the survival of characteristics that existed during the resource's period of significance. Historic properties must retain enough of their historic character or appearance to be recognizable and to convey the reasons for their significance. The seven aspects of integrity presented in 36 CFR 60 are location, design, setting, materials, workmanship, feeling, and association. A resource that has lost its historic character or appearance and is not eligible for the NRHP still might have sufficient integrity for the CRHR if it maintains the potential to yield significant scientific or historic information or specific data.

5.1.1 California Environmental Quality Act Guidelines

According to the CEQA Guidelines Appendix G (2002), impacts to cultural resources would be considered significant if the Proposed Project would:

- Cause a substantial adverse change in the significance of a historical resource as defined in Section 15064.5
- Cause a substantial adverse change in the significance of an archeological resource pursuant to Section 15064.5
- Disturb any human remains, including those interred outside of formal cemeteries

A historical resource is a resource listed in, or determined to be eligible for listing in, the CRHR. Historical resources as defined in subdivision (k) of Section 4020.1, and included as such in a local register, or deemed significant pursuant to criteria set forth in subdivision (g) of Section 5024.1, are presumed to be historically or culturally significant for purposes of this section, unless the preponderance of the evidence demonstrates that the resource is not historically or culturally significant. The fact that a resource is not listed in, or determined to be eligible for listing in, the CRHR, not included in a local register, or not deemed significant pursuant to criteria set forth in subdivision (g) of Section 5024.1, shall not preclude a lead agency from determining whether the resource may be a historical resource.

Pursuant to Section 15064.5 (Determining the Significance of Impacts to Archaeological and Historical Resources of the State California Environmental Quality Act), a resource shall be considered to be historically significant if it meets the criteria for listing on the CRHR (PRC Section 5024.1, Title 14 CCR, Section 4852), including the following:

- It is associated with events that have made a significant contribution to the broad patterns of local or regional history or the cultural heritage of California of the United States (Criterion 1)
- It is associated with the lives of persons important to local, California, or national history (Criterion 2)

- It 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 (Criterion 3)
- 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)

In addition to the above criteria, a resource must retain integrity to be considered historically significant. Integrity is the authenticity of the physical identity that is evidenced by the survival of characteristics that existed during the resource's period of significance. Historical resources must retain enough of their historic character or appearance to be recognizable as historical resources and to convey the reasons for their significance. Rehabilitation or restoration does not necessarily discount a resource from eligibility. Integrity must also be evaluated with regard to the retention of location, design, setting, materials, workmanship, feeling, and association. A resource that has lost its historic character or appearance may still have sufficient integrity for the CRHR, if it maintains the potential to yield significant scientific or historical information or specific data.

An adverse effect on a cultural resource is defined as:

- Substantial adverse change in the significance of a historical resource by physical demolition, destruction, relocation, or alteration of the resource or its immediate surroundings
- Demolishes or materially alters those physical characteristics of a historical resource that convey its significance and that justify its inclusion in, or eligibility for inclusion in, the CRHR, or inclusion in a local register

Section 7052 of the Health and Safety Code establishes a felony penalty for mutilating, disinterring, or otherwise disturbing human remains, except by relatives. Penal Code Section 622.5 provides misdemeanor penalties for injuring or destroying objects of historical or archaeological interest located on public or private lands, but specifically excludes the landowner. PRC Section 5097.5 defines as a misdemeanor the unauthorized disturbance or removal of archaeological, historical, or paleontological resources located on public lands.

California Register of Historical Resources

As provided in California PRC Section 5020.4, the California Legislature established the CRHR in 1992. The CRHR is used as a guide by state and local agencies, private groups, and citizens to identify the state historical resources and to include which properties are to be protected, to the extent prudent and feasible, from substantial adverse change. The CRHR, as instituted by the California PRC, automatically includes all California properties already listed in the NRHP. It also includes those formally determined to be eligible for listing in the NRHP (Categories 1 and 2 in the State Inventory of Historical Resources), as well as specific listings of the State Historical Landmarks and in the State Inventory of Historical Resources), as well as specific listings of State Historical Landmarks and State Points of Historical Interest. The CRHR may also include various other types of historical resources that meet the criteria for eligibility, including the following:

- Individual historic resources
- Resources that contribute to a historic district

- Resources identified as significant in historic resource surveys
- Resources with a significance rating of Category 3 through Category 5 in the State Inventory (Categories 3 and 4 refer to potential eligibility for the NRHP; Category 5 indicates a property with local significance)

The CRHR follows the lead of the NRHP in utilizing the 50-year threshold. A resource is usually considered for its historical significance after it reaches the age of 50 years. This threshold is not absolute, but was selected as a reasonable span of time after which a professional evaluation of historical value and importance can be made.

5.2 Management Considerations

CH2M concludes that the Proposed Project as described and reported in this technical report will not adversely affect historical resources or historic properties.

The APE is considered to have a low sensitivity for buried resources. If cultural resources or materials are discovered during ground-disturbing activities, work near the discovery should cease and the area should be protected until the find can be evaluated by a qualified archaeologist.

If human remains are discovered, the County Coroner must be notified within 48 hours, and there should be no further disturbance to the site where the remains were found until the process as described in PRC 5097.98 has been completed.

SECTION 6

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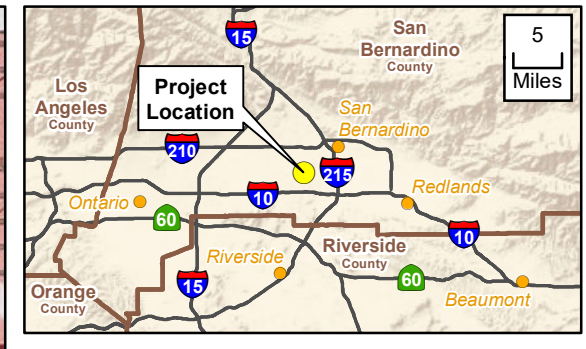
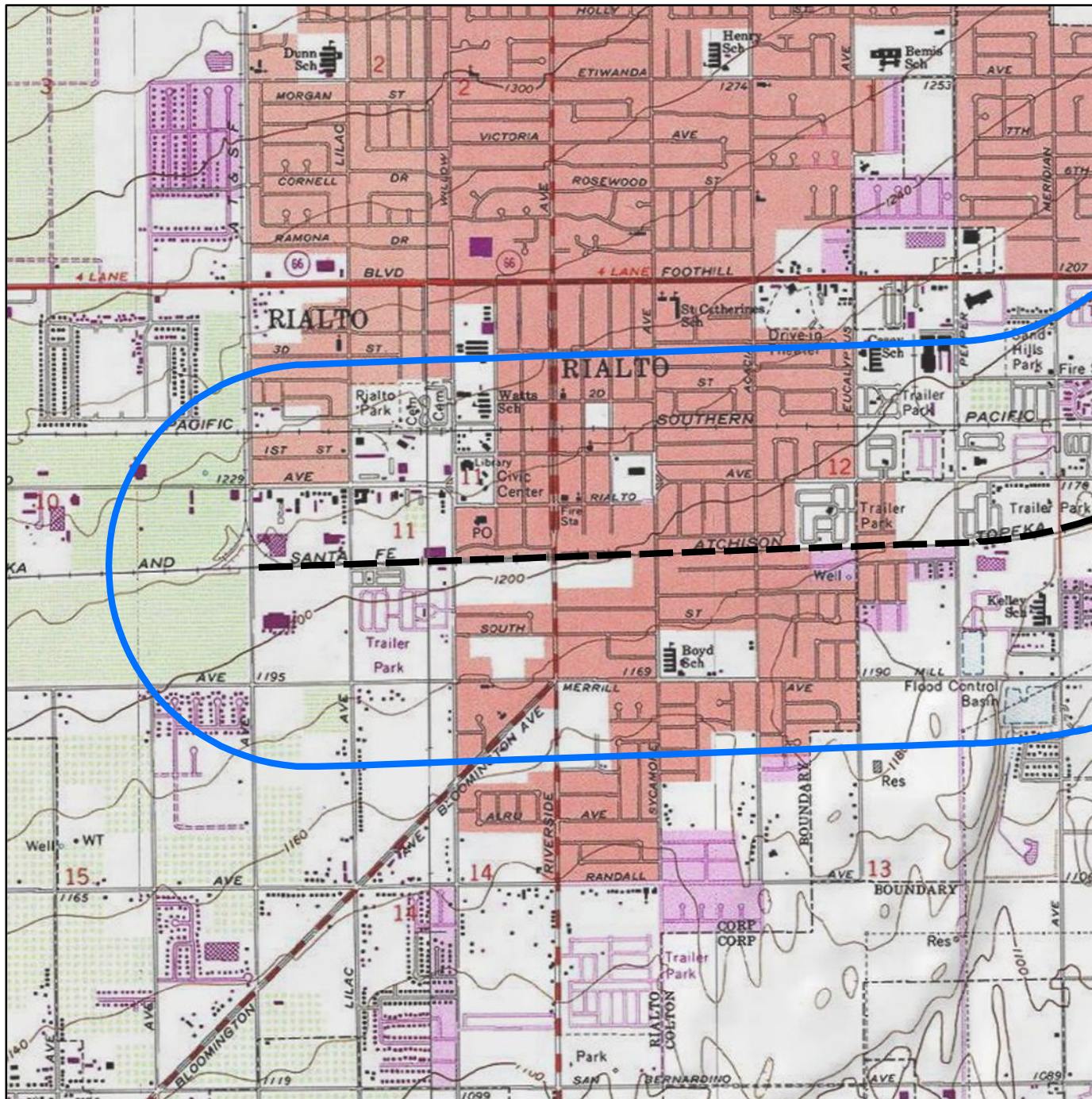
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Warren, Claude N. 1984. The Desert Region. In M.J. Moratto, *California Archaeology*, pp. 339-430. Academic Press, Inc, San Diego.

Appendix A

Area of Potential Effects



Legend

- Project Location
- 0.5 Mile Buffer of Project Location

Fontana, CA 7.5 USGS Quad, 1967
 San Bernardino South, CA 7.5 USGS Quad, 1975
 Township 1 S, Range 5 W, Sections 11 and 12
 Township 1 S, Range 4 W, Section 7

Basemap Source: ESRI, USGS

4-10-18

Signature and Date

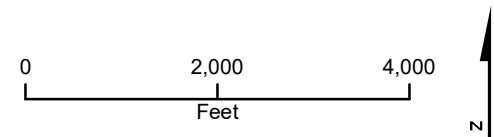
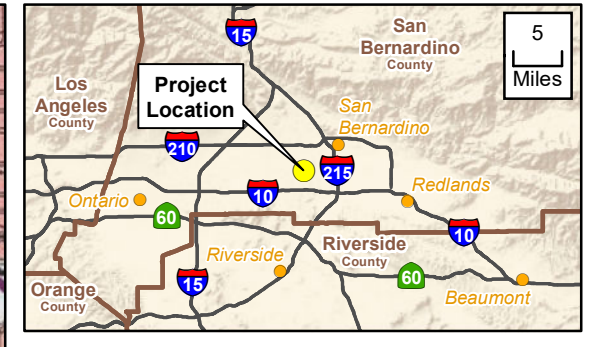
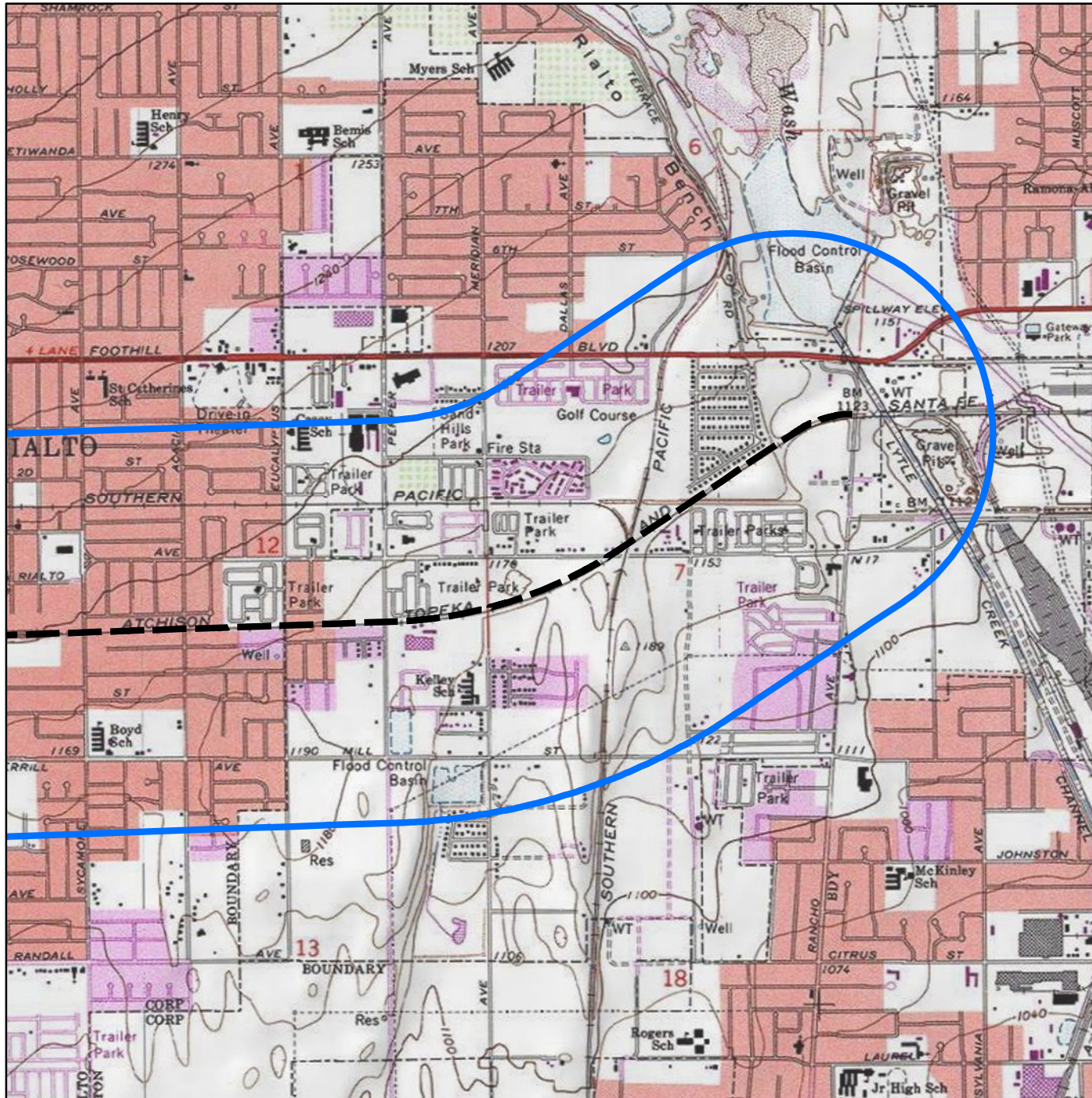


Figure 1 Sheet 01 of 02
Area of Potential Effect
 SBCTA Double Track Project
 Rialto and San Bernardino, California



Legend

- Project Location
- 0.5 Mile Buffer of Project Location

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 San Bernardino South, CA 7.5 USGS Quad, 1975
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 Township 1 S, Range 4 W, Section 7

Basemap Source: ESRI, USGS

[Signature]

4-10-18

Signature and Date

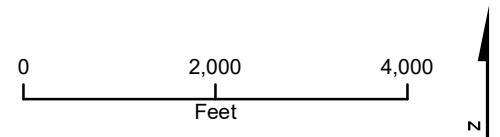


Figure 1 Sheet 02 of 02
Area of Potential Effect
 SBCTA Double Track Project
 Rialto and San Bernardino, California

Appendix B

Representative Photographs

APPENDIX B

Representative Photographs



Photo 1. Survey area, view north



Photo 2. Survey area, view northeast



Photo 3. Survey area, view northeast



Photo 4. Railroad feature, view north

Appendix C

Native American Consultation



CH2M
377 Brewer Way
Big Bear City, CA
92314
Tel 714.435-6044
Fax 714.424.2174

June 16, 2017

Native American Heritage Commission
915 Capitol Mall, Room 364
Sacramento, CA 95814

Subject: Lilac to Rancho Double Tracking Project

To Whom It May Concern:

CH2M HILL Engineers, Inc. (CH2M) is assisting San Bernardino County Transportation Authority (SBCTA) and the Los Angeles County Metropolitan Transportation Authority (Metro) in a cultural resources assessment of the proposed Lilac to Rancho Double Tracking Project whose goals are to provide commuter rail service between Los Angeles Union Station (LAUS) and the San Bernardino Station. SBCTA, as the owner of the rail corridor within San Bernardino County and the lead agency, is proposing to complete the Preliminary Engineering and Environmental Clearance of approximately three (3) miles of a second main line track between Control Point (CP) Lilac Milepost (MP) 52.4 to approximately CP Rancho, near MP 55.1 on the SBL. The proposed project is the City of Rialto, San Bernardino County, California.

The project is located on the Fontana and San Bernardino South, CA, 7.5 Minute USGS quadrangles. The legal descriptions are:

Township 1S, Range 5W Sections 11 and 12; Township 1S, Range 4 W, Section 7

The project map is provided along with a 0.5-mile buffer.

We would appreciate your checking the Sacred Lands Files to see if there are any culturally sensitive areas within the immediate project vicinity. We would also like to receive a list of MLD's appropriate for this area since we will attempt to contact local Indian groups to solicit their written input/concerns about the project.

Thanks again for your cooperation and assistance. I look forward to your earliest possible reply.

Sincerely,

CH2M

A handwritten signature in black ink, appearing to read 'Gloriella Cardenas'.

Gloriella Cardenas, M.A., RPA

Enclosures: Project Location Map and Request Form

LOCAL GOVERNMENT TRIBAL CONSULTATION LIST REQUEST

NATIVE AMERICAN HERITAGE COMMISSION

915 CAPITOL MALL, ROOM 364

SACRAMENTO, CA 95814

(916) 653-4082

(916) 657-5390 - Fax

Project Title: Lilac to Rancho Double Tracking Project

Local Government/Lead Agency: San Bernardino County Transportation Authority

Contact Person: Gloriella Cardenas, CH2M HILL

Street Address: 377 Brewer Way

City: Big Bear City **Zip:** 92314

Phone: 714-435-6044

Fax: 714-424-2174

Specific Area Subject to Proposed Action

County: San Bernardino

City/Community: Rialto, California

Local Action Type: CEQA Compliance

General Plan ☐ General Plan Element ☐ General Plan Amendment

☐ Specific Plan ☐ Specific Plan Amendment

☐ Pre-planning Outreach Activity

Project Description:

CH2M HILL Engineers, Inc. (CH2M) is assisting San Bernardino County Transportation Authority (SBCTA) and the Los Angeles County Metropolitan Transportation Authority (Metro) in a cultural resources assessment of the proposed Lilac to Rancho Double Tracking Project whose goals are to provide commuter rail service between Los Angeles Union Station (LAUS) and the San Bernardino Station.

☒ Sacred Lands File Search and Native American Contacts List Request
Information Below is Required for a Sacred Lands File Search

USGS Quadrangle Name

The project is located on the Fontana and San Bernardino South, CA, 7.5 Minute USGS quadrangles. The legal descriptions are:

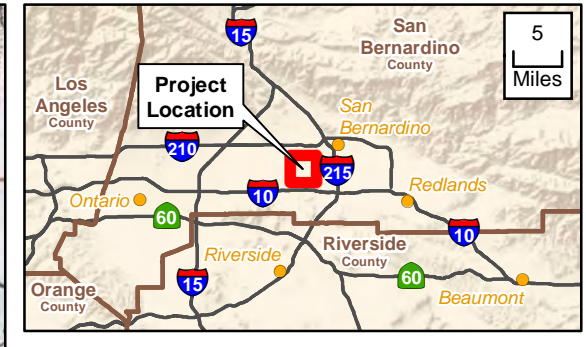
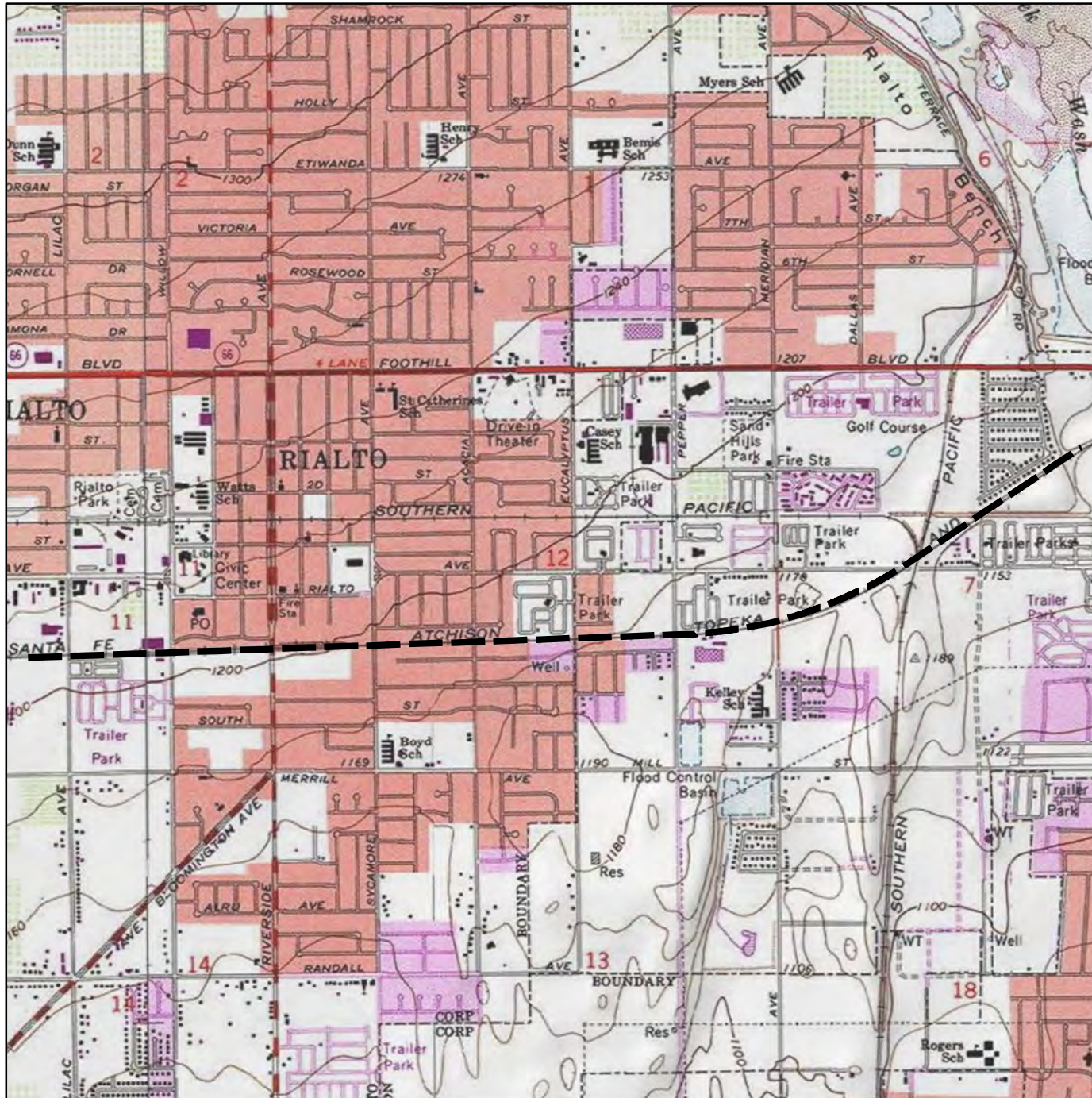
Township 1S, Range 5W Sections 11 and 12; Township 1S, Range 4 W, Section 7

NAHC Use Only

Date Received: _____

Date Completed _____

Native American Tribal Consultation lists are only applicable for consulting with California Native American tribes per Government Code Section 65352.3.



Legend

-- Project Location

Fontana, CA 7.5 USGS Quad, 1967

San Bernardino South, CA 7.5 USGS Quad, 1975

Township 1 S, Range 5 W, Sections 11 and 12

Township 1 S, Range 4 W, Section 7

Basemap Source: ESRI, USGS

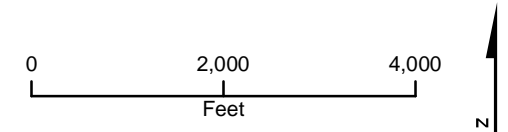


Figure 1

Project Location

SANBAG Double Track Project

Rialto, California

ch2m

NATIVE AMERICAN HERITAGE COMMISSION

Environmental and Cultural Department
1550 Harbor Blvd., Suite 100
West Sacramento, CA 95691
(916) 373-3710



May 5, 2017

Gloriella Cardenas
CH2M HILL

Sent by E-mail: gloriella.cardenas@ch2m.com

RE: Proposed Lilac to Rancho Double Tracking Project, City of Rialto; San Bernardino South and Fontana USGS Quadrangles, San Bernardino County, California

Dear Ms. Cardenas:

A record search of the Native American Heritage Commission (NAHC) *Sacred Lands File* was completed for the area of potential project effect (APE) referenced above with negative results. Please note that the absence of specific site information in the *Sacred Lands File* does not indicate the absence of Native American cultural resources in any APE.

Attached is a list of tribes culturally affiliated to the project area. I suggest you contact all of the listed Tribes. If they cannot supply information, they might recommend others with specific knowledge. The list should provide a starting place to locate areas of potential adverse impact within the APE. By contacting all those on the list, your organization will be better able to respond to claims of failure to consult. If a response has not been received within two weeks of notification, the NAHC requests that you follow-up with a telephone call to ensure that the project information has been received.

If you receive notification of change of addresses and phone numbers from any of these individuals or groups, please notify me. With your assistance we are able to assure that our lists contain current information. If you have any questions or need additional information, please contact via email: gayle.totton@nahc.ca.gov.

Sincerely,

A handwritten signature in blue ink that reads "Gayle Totton".

Gayle Totton, M.A., PhD.

Associate Governmental Program Analyst

Native American Contact List
May 5, 2017
San Bernardino County

Cabazon Band of Mission Indians
Doug Welmas, Chairperson
84-245 Indio Springs Parkway Cahuilla
Indio , CA 92203
(760) 342-2593

(760) 347-7880 Fax

Los Coyotes Band of Cahuilla and Cupeno Indians
Shane Chapparosa, Chairman
P.O. Box 189 Cahuilla
Warner Springs , CA 92086
Chapparosa@msn.com
(760) 782-0711

(760) 782-0712 Fax

Ramona Band of Cahuilla
Daniel Salgado, Chairman
P.O. Box 391670 Cahuilla
Anza , CA 92539
admin@ramonatribe.com
(951) 763-4105

(951) 763-4325 Fax

San Manuel Band of Mission Indians
Lynn Valbuena, Chairwoman
26569 Community Center Serrano
Highland , CA 92346
(909) 864-8933

(909) 864-3370 Fax

San Fernando Band of Mission Indians
John Valenzuela, Chairperson
P.O. Box 221838 Tataviam
Newhall , CA 91322 Serrano
tsen2u@hotmail.com Kitanemuk
(760) 885-0955 Cell

Gabrielino/Tongva San Gabriel Band of Mission Indians
Anthony Morales, Chairperson
P.O. Box 693 Gabrielino Tongva
San Gabriel , CA 91778
GTTribalcouncil@aol.com
(626) 483-3564 Cell
(626) 286-1262 Fax

Santa Rosa Band of Cahuilla Indians
Steven Estrada, Chairman
P.O. Box 391820 Cahuilla
Anza , CA 92539
(951) 659-2700
(951) 659-2228 Fax

Augustine Band of Cahuilla Indians
Amanda Vance, Chairperson
P.O. Box 846 Cahuilla
Coachella , CA 92236
(760) 398-4722
(760) 369-7161 Fax

Gabrielino /Tongva Nation
Sandonne Goad, Chairperson
106 1/2 Judge John Aiso St., #231 Gabrielino Tongva
Los Angeles , CA 90012
sgoad@gabrielino-tongva.com
(951) 807-0479

Gabrielino Tongva Indians of California Tribal Council
Robert F. Dorame, Tribal Chair/Cultural Resources
P.O. Box 490 Gabrielino Tongva
Bellflower , CA 90707
gtongva@gmail.com
(562) 761-6417 Voice/Fax

This list is current only as of the date of this document and is based on the information available to the Commission on the date it was produced.

Distribution of this list does not relieve any person or agency of statutory responsibility as defined in Public Resources Code Sections 21080.3.1 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 contacting local Native Americans with regard to cultural resources for the proposed Lilac to Rancho Double Tracking Project, City of Rialto, San Bernardino County, California

Native American Contact List
May 5, 2017
San Bernardino County

Agua Caliente Band of Cahuilla Indians
Jeff Grubbe, Chairperson
5401 Dinah Shore Drive Cahuilla
Palm Springs , CA 92264
(760) 699-6800

(760) 699-6919 Fax

Morongo Band of Mission Indians
Robert Martin, Chairperson
12700 Pumarra Road Cahuilla
Banning , CA 92220 Serrano
(951) 849-8807
(951) 755-5200
(951) 922-8146 Fax

Serrano Nation of Mission Indians
Goldie Walker, Chairperson
P.O. Box 343 Serrano
Patton , CA 92369

(909) 528-9027
(909) 528-9032

Agua Caliente Band of Cahuilla Indians
Patricia Garcia-Plotkin, Director, THPO
5401 Dinah Shore Drive Cahuilla
Palm Springs , CA 92264
ACBCI-THPO@aguacaliente.net
(760) 699-6907
(760) 567-3761 Cell
(760) 699-6924 Fax

Cahuilla Band of Mission Indians
Daniel Salgado, Chairperson
52701 U. S. Highway 371 Cahuilla
Anza , CA 92539
Chairman@cahuilla.net
(951) 763-5549
(951) 763-2808

Gabrielino-Tongva Tribe
Linda Candelaria, Co-Chairperson
1999 Avenue of the Stars, Suite 1100 Gabrielino
Los Angeles , CA 90067
(626) 676-1184 Cell

Soboba Band of Luiseno Indians
Joseph Ontiveros, Cultural Resource Department
P.O. BOX 487 Luiseno
San Jacinto , CA 92581 Cahuilla
jontiveros@soboba-nsn.gov
(951) 663-5279
(951) 654-5544, ext 4137
(951) 654-4198 Fax

Gabrieleno Band of Mission Indians - Kizh Nation
Andrew Salas, Chairperson
P.O. Box 393 Gabrielino
Covina , CA 91723
gabrielenoindians@yahoo.com
(626) 926-4131

Torres-Martinez Desert Cahuilla Indians
Michael Mirelez, Cultural Resource Coordinator
P.O. Box 1160 Cahuilla
Thermal , CA 92274
mmirelez@tmdci.org
(760) 399-0022, Ext. 1213
(760) 397-8146 Fax

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CH2M HILL
6 Hutton Center Dr. Suite
700
Santa Ana
CA 92707
Tel 714.435-6044

June 12, 2017

Amanda Vance, Chairperson
Augustine Band of Cahuilla Indians
P.O. Box 846
Coachella, CA 92236

Re: San Bernardino County Transportation Authority - Lilac to Rancho Double Tracking Project

Dear Mr./Ms.:

CH2M HILL Engineers, Inc. (CH2M) is assisting San Bernardino County Transportation Authority (SBCTA) in a cultural resources assessment of the proposed Lilac to Rancho Double Tracking Project, whose goals are to provide improved commuter rail service between Los Angeles Union Station (LAUS) and the San Bernardino Station. SBCTA, as the project proponent within San Bernardino County and also as the lead agency, is proposing to complete the Preliminary Engineering and Environmental Clearance of approximately three (3) miles of a second main line track between Control Point (CP) Lilac, located at Milepost (MP) 52.4, to CP Rancho, near MP 55.1 on the Metrolink San Bernardino Line. The proposed project corridor would include improvements within the City of Rialto and City of San Bernardino, San Bernardino County, California.

- The project is located on the Fontana and San Bernardino South, CA, 7.5 Minute USGS quadrangles. The legal descriptions are:
- Township 1S, Range 5W, Sections 11 and 12; Township 1S, Range 4 W, Section 7
- The project map is provided along with a 0.5-mile buffer as well as a Project Background and Description document.

A search of the Sacred Land files by the Native American Heritage Commission (NAHC) on April 28, 2017 failed to indicate the presence of Native American sacred sites in the immediate Project vicinity. A California Historical Resources Information System literature search was completed on November 29, 2016 by staff at the South Central Coastal Information Center (SCCIC) located at California State University, Fullerton, California. No cultural resources have been previously documented within the study area. An archaeological pedestrian survey was conducted on November 30, 2016 by CH2M. No cultural resources were identified within the Project. To date, no prehistoric resources have been identified within the Project, either by the archival research or the pedestrian survey.

State law, under Assembly Bill 52 (Public Resources Code Section 21080.3.1), allows California Native American tribes 30 days to request consultation regarding possible significant effects that implementation of the proposed project may have on tribal cultural resources. The request must be in writing to the following contact at SBCTA: Justin Fornelli, PE - Chief of Transit & Rail Programs,

1170 West Third Street, 2nd Floor, San Bernardino, CA 92410 or at jfornelli@gosbcta.com, and a contact person must be identified. SBCTA will begin the consultation process within thirty (30) days of receiving the tribe's request for consultation.

Should SBTCA not receive a response within thirty (30) days, it will be presumed that you have declined consultation.

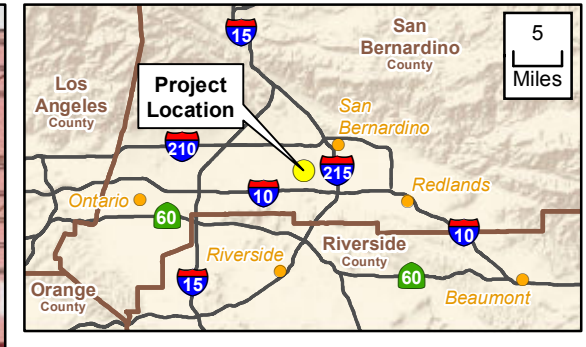
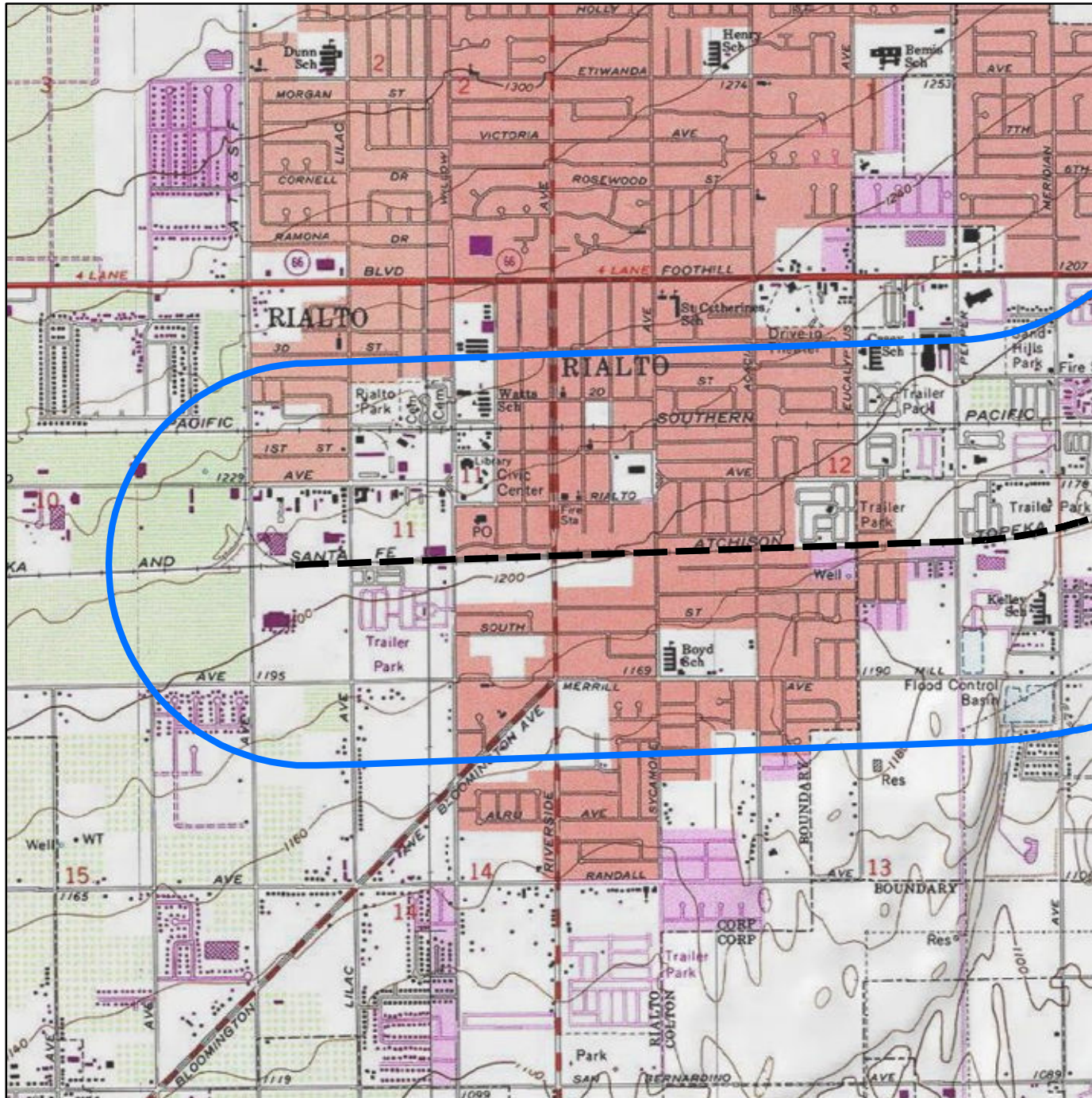
If you know of any traditional cultural properties or values (e.g., burial sites, religious sites, or gathering sites) within the Project area shown on the enclosed map, or if you have any questions regarding issues related to the overall Project, please contact me by phone at 714-435-6044 or by email at gloriella.cardenas@ch2m.com. Your project comments and concerns are important to us. We look forward to hearing from you in the near future.

Respectfully yours,

A handwritten signature in black ink, appearing to read "Gloriella Cardenas", written in a cursive style.

Gloriella Cardenas, M.A., RPA
Cultural Resources Specialist

Enclosure—Map of Project Area



Legend

- Project Location
- 0.5 Mile Buffer of Project Location

Fontana, CA 7.5 USGS Quad, 1967
 San Bernardino South, CA 7.5 USGS Quad, 1975
 Township 1 S, Range 5 W, Sections 11 and 12
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Basemap Source: ESRI, USGS

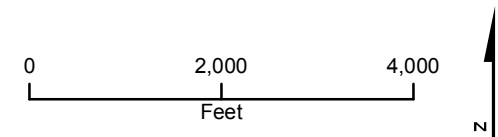
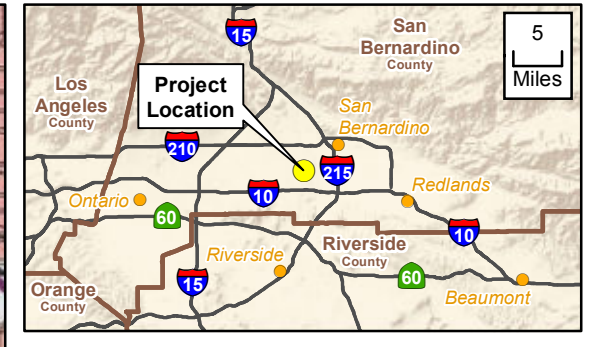
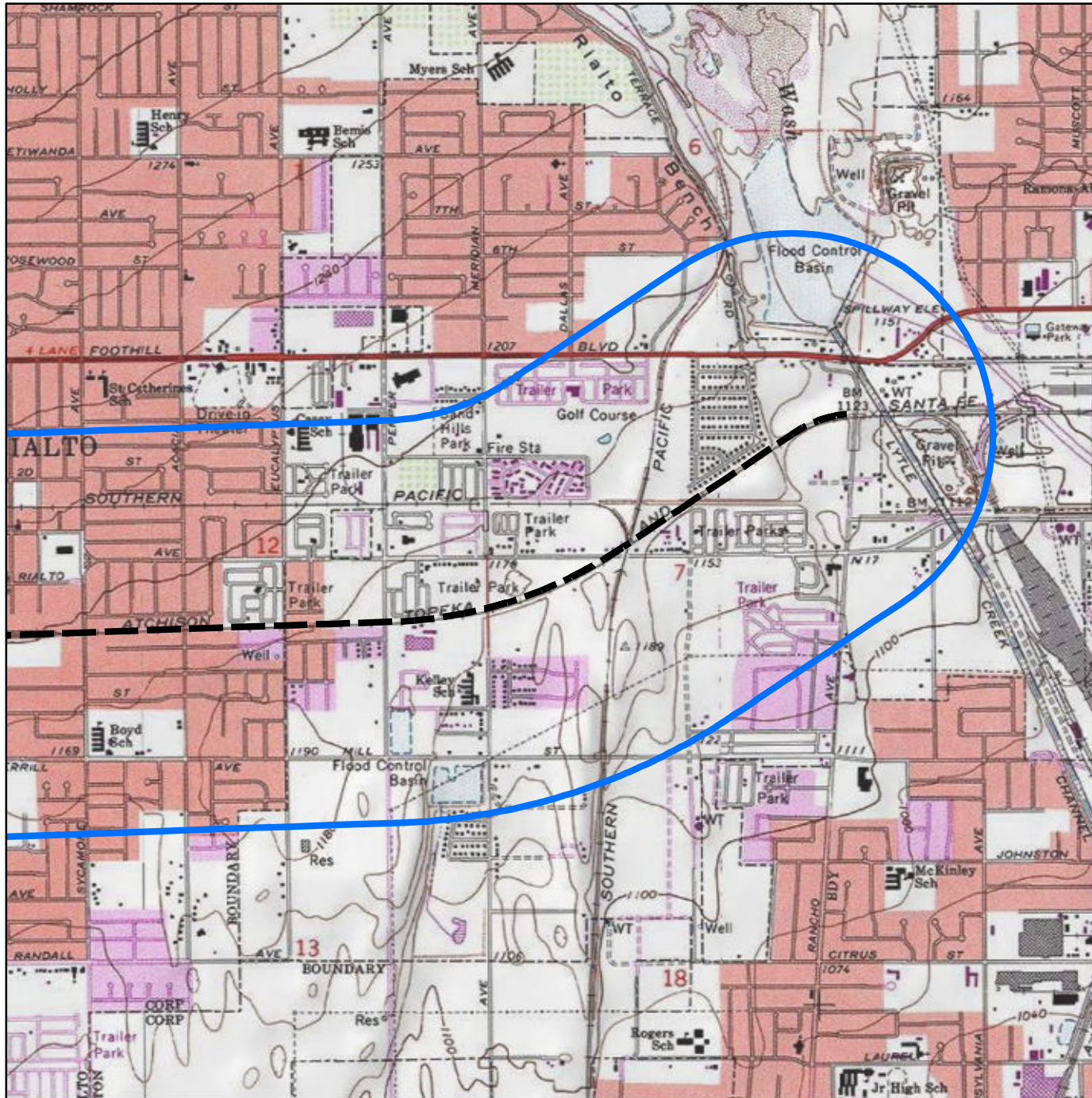


Figure 1 Sheet 01 of 02
Project Location
 SBCTA Double Track Project
 Rialto and San Bernardino, California



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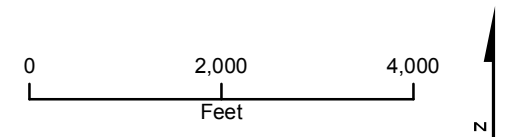


Figure 1 Sheet 02 of 02
Project Location
 SBCTA Double Track Project
 Rialto and San Bernardino, California



CH2M HILL
6 Hutton Center Dr. Suite
700
Santa Ana
CA 92707
Tel 714.435-6044

June 12, 2017

Andrew Salas, Chairperson
Gabrieleno Band of Mission Indians – Kizh Nation
P.O. Box 939
Covina, CA 91723

Re: San Bernardino County Transportation Authority - Lilac to Rancho Double Tracking Project

Dear Mr./Ms.:

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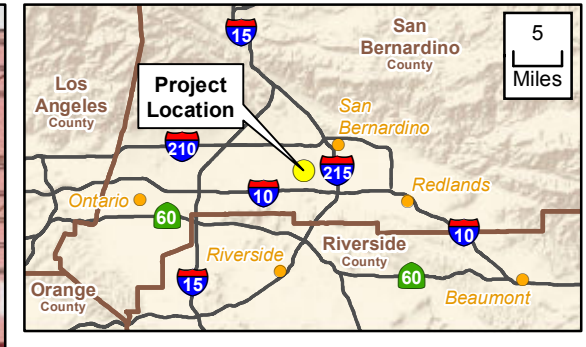
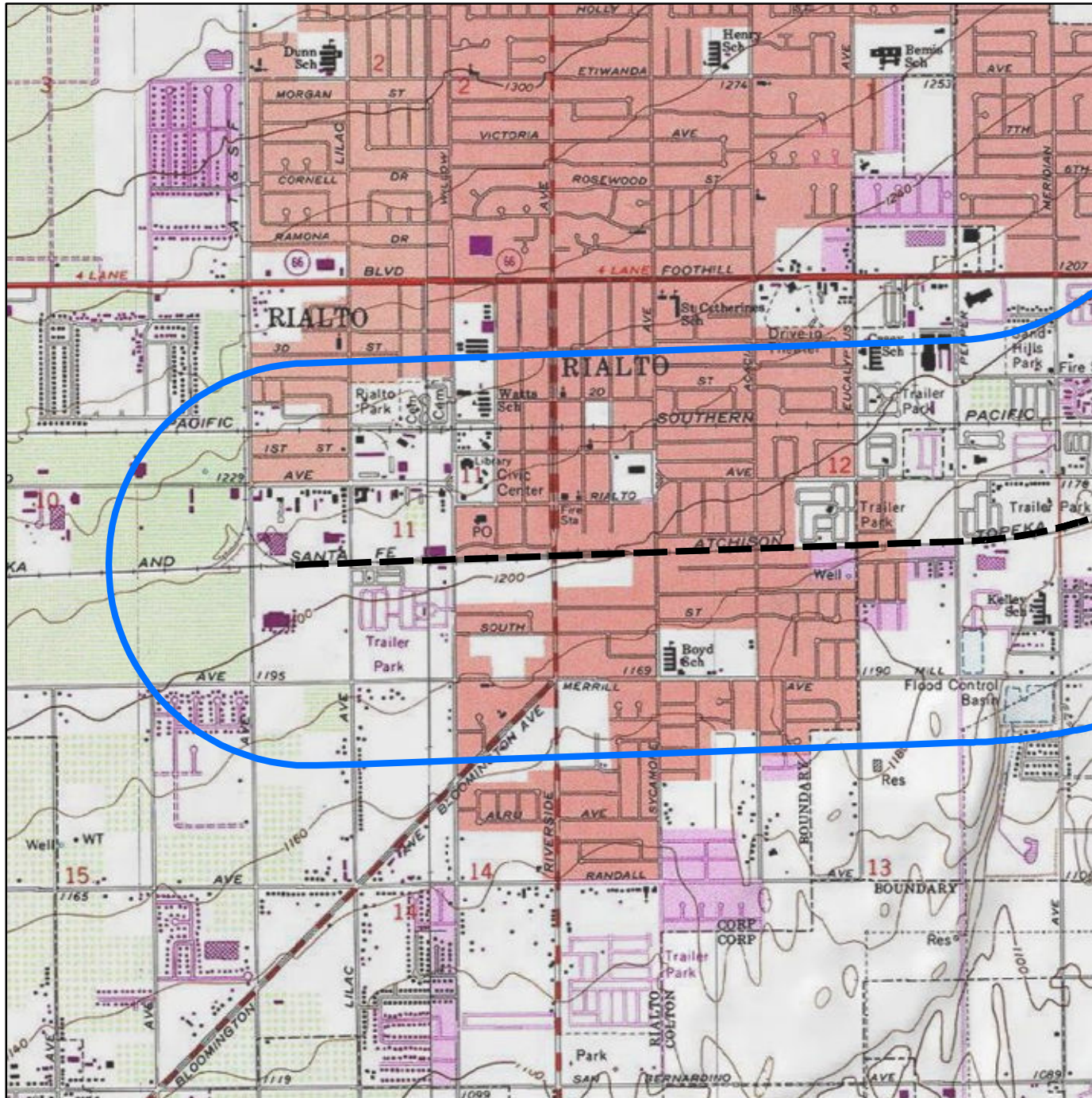
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Gloriella Cardenas, M.A., RPA
Cultural Resources Specialist

Enclosure—Map of Project Area



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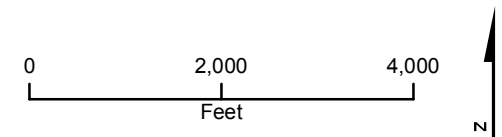
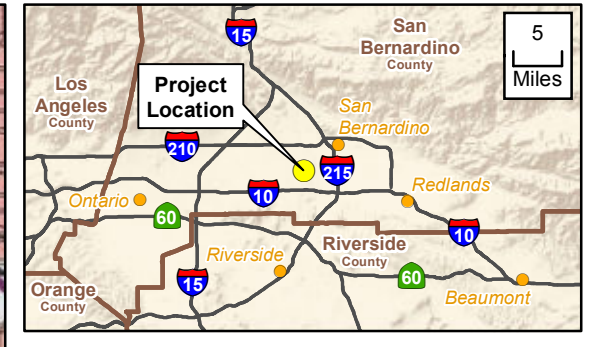
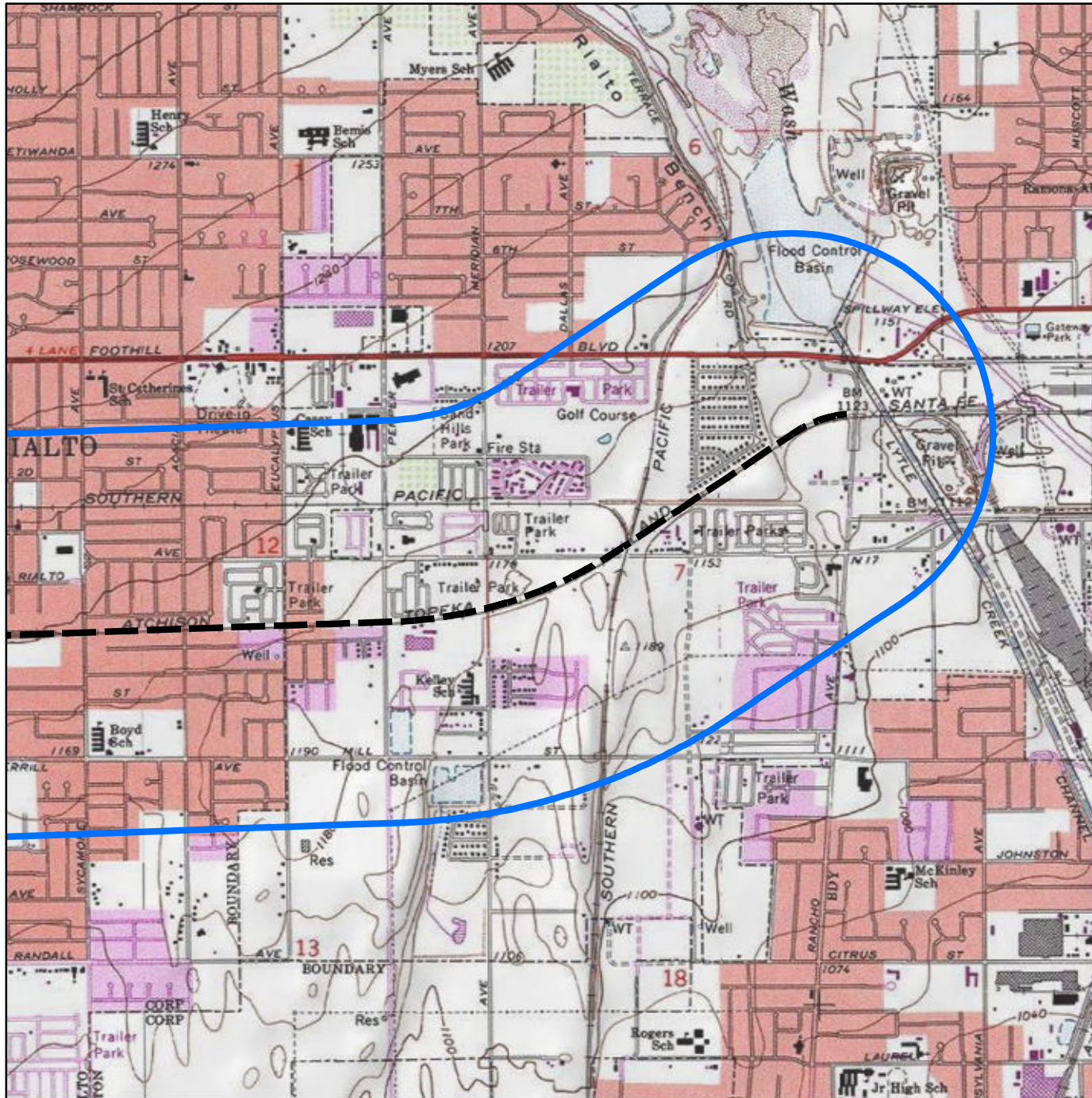


Figure 1 Sheet 01 of 02
Project Location
 SBCTA Double Track Project
 Rialto and San Bernardino, California



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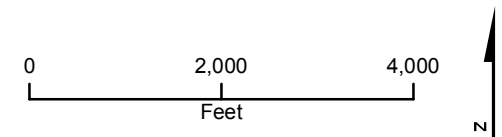


Figure 1 Sheet 02 of 02
Project Location
 SBCTA Double Track Project
 Rialto and San Bernardino, California



CH2M HILL
6 Hutton Center Dr. Suite
700
Santa Ana
CA 92707
Tel 714.435-6044

June 12, 2017

Anthony Morales, Chairperson
Gabrieleno/Tongva San Gabriel Band of Mission Indians
P.O. Box 693
San Gabriel, CA 91778

Re: San Bernardino County Transportation Authority - Lilac to Rancho Double Tracking Project

Dear Mr./Ms.:

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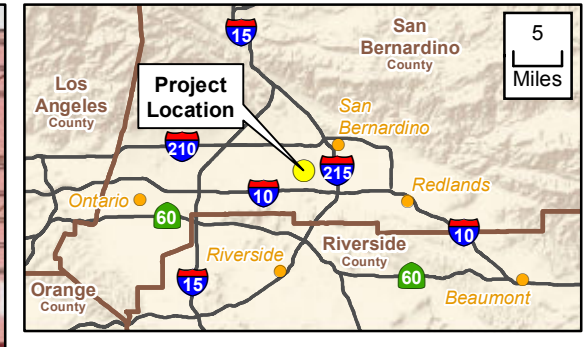
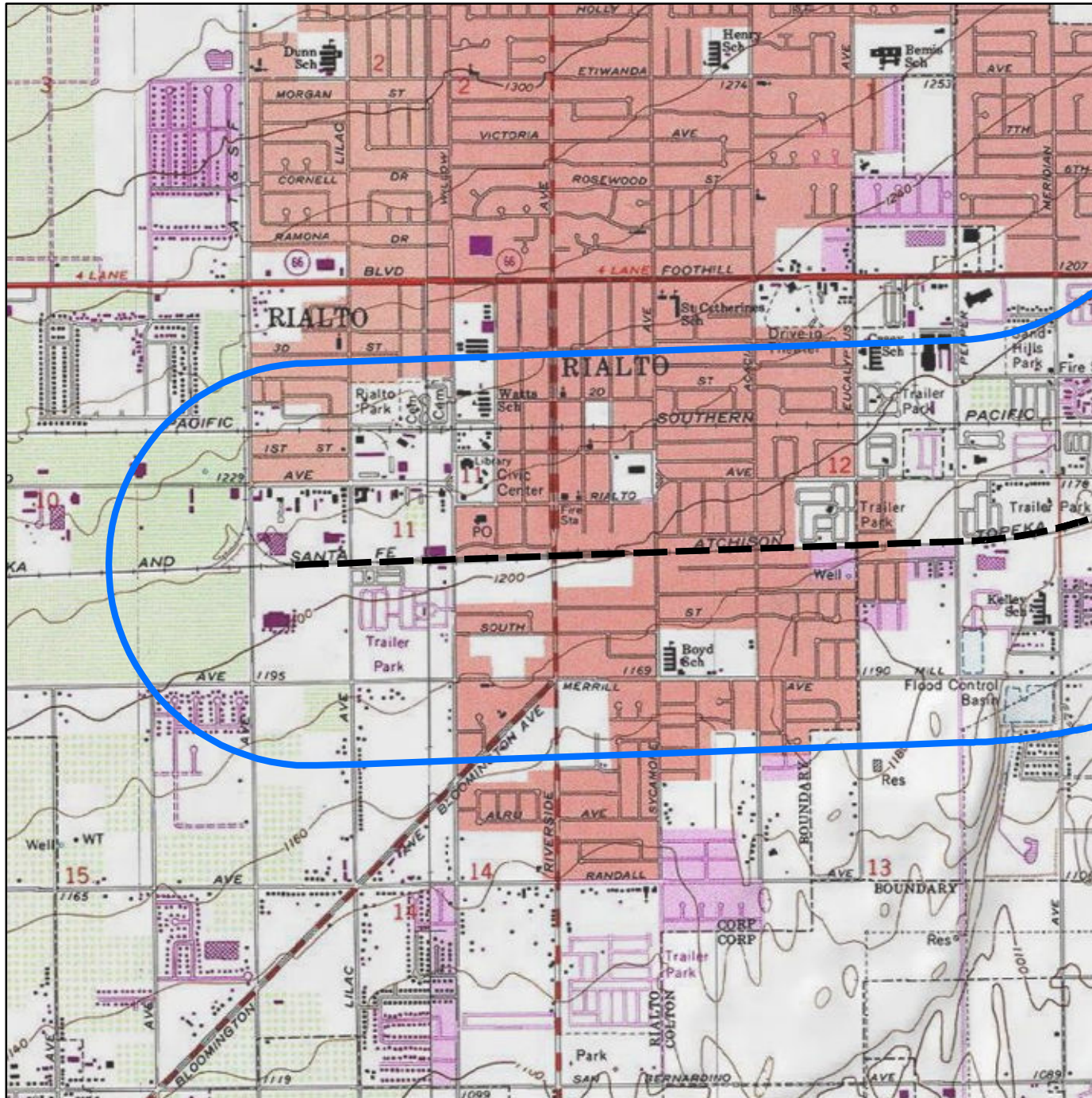
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Gloriella Cardenas, M.A., RPA
Cultural Resources Specialist

Enclosure—Map of Project Area



Legend

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- 0.5 Mile Buffer of Project Location

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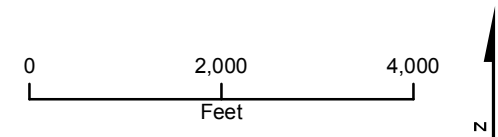
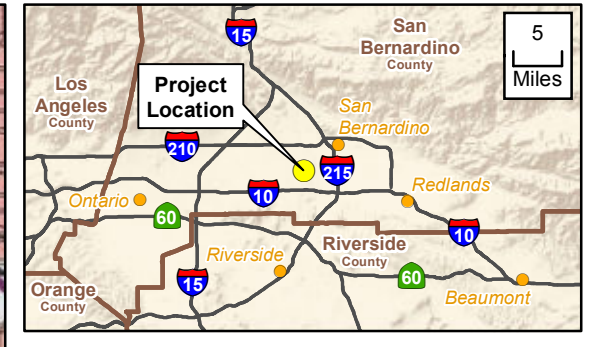
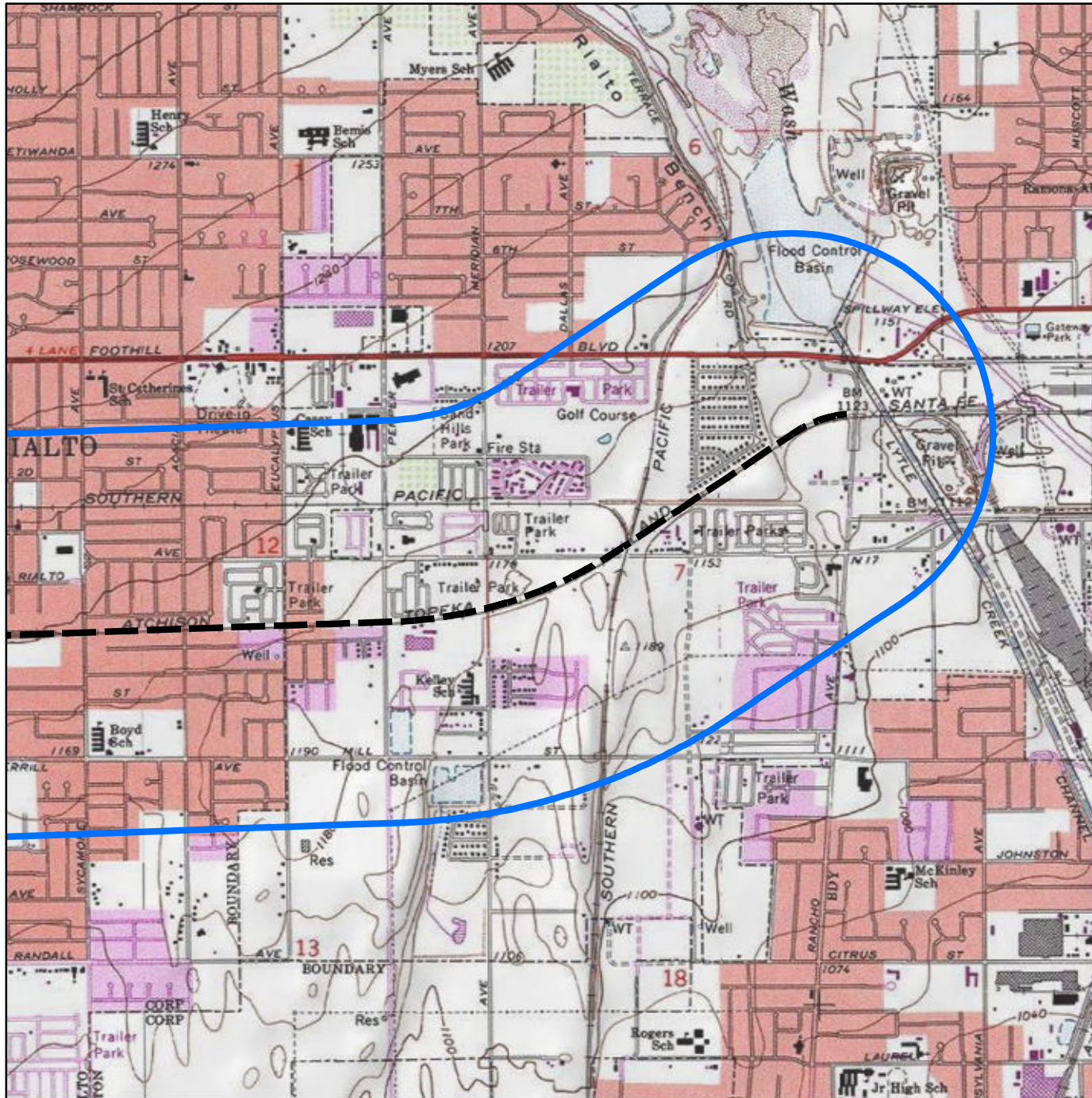


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 Rialto and San Bernardino, California



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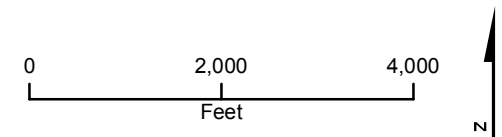


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CH2M HILL
6 Hutton Center Dr. Suite
700
Santa Ana
CA 92707
Tel 714.435-6044

June 12, 2017

Daniel Salgado, Chairman
Ramona Band of Cahuilla
P.O. Box 391670
Anza, CA 92539

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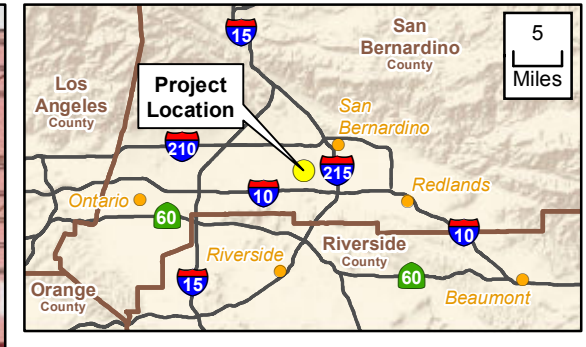
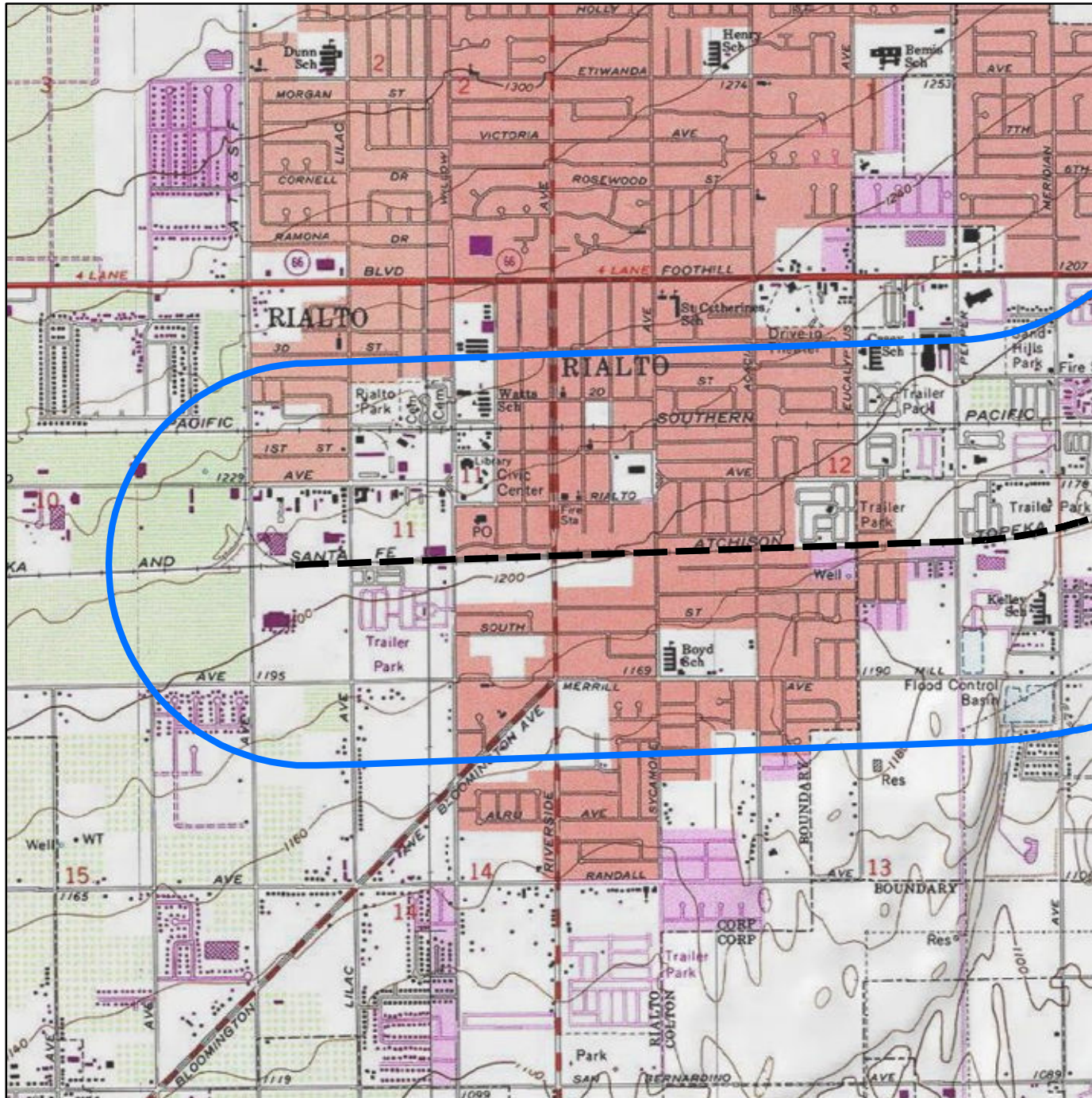
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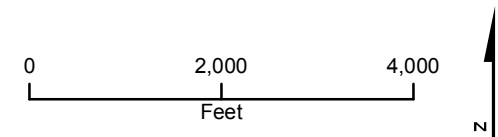
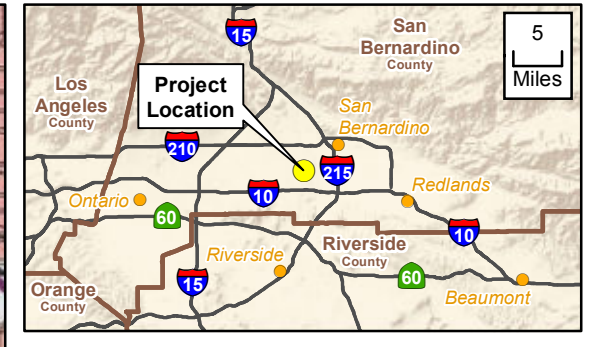
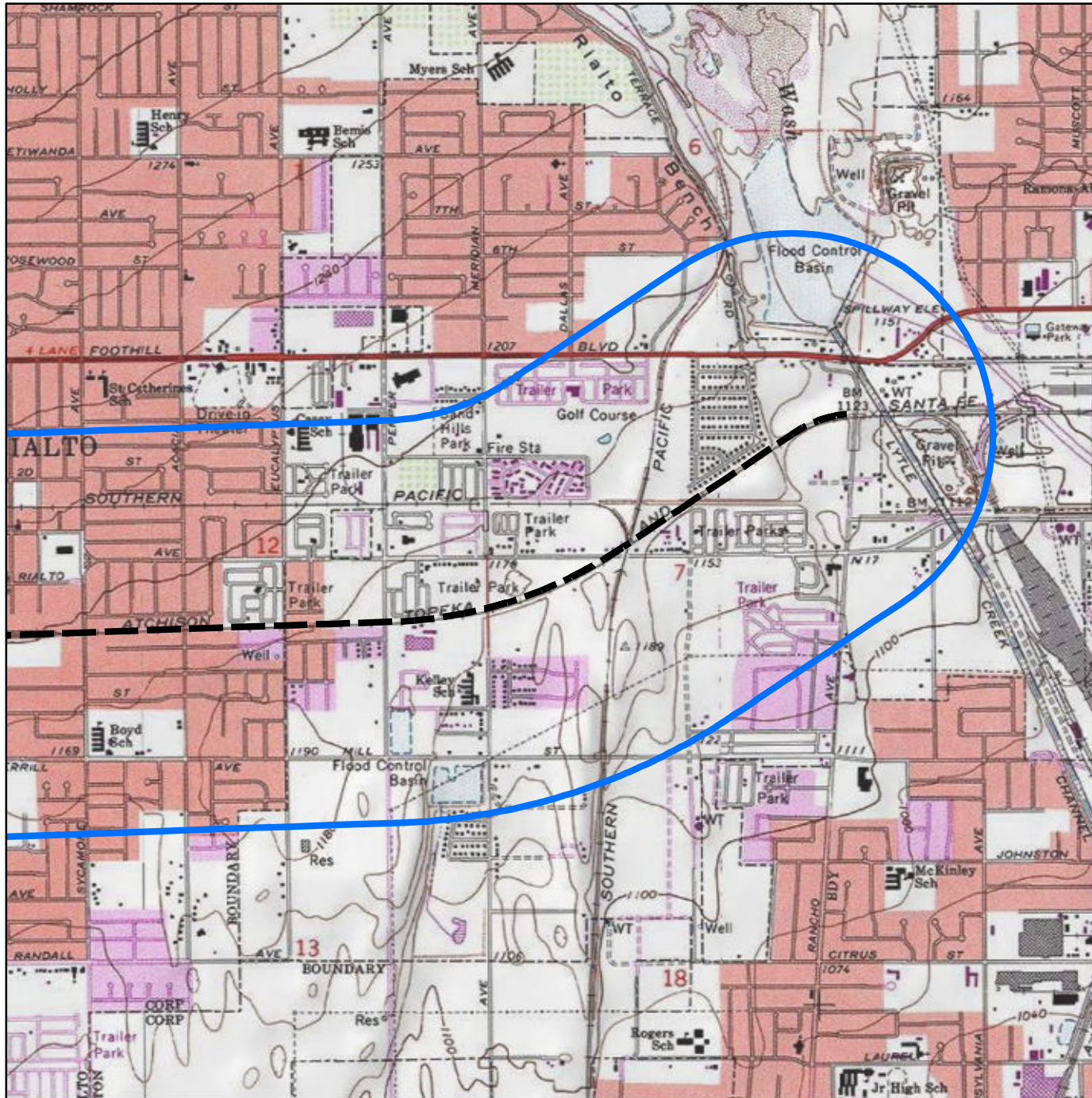


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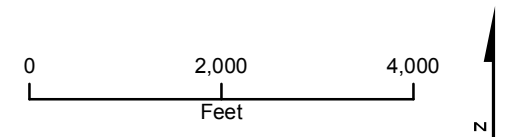


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CH2M HILL
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June 12, 2017

Daniel Salgado, Chairperson
Cahuilla Band of Mission Indians
52701 U.S. Highway 371
Anza, CA 92539

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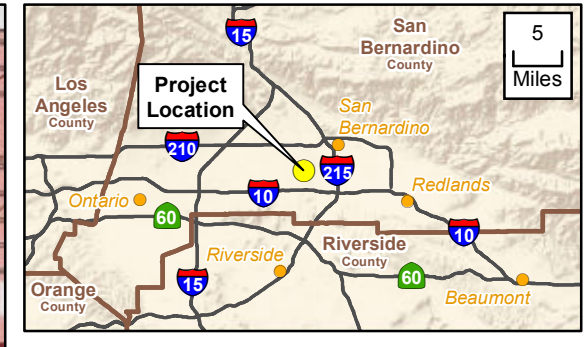
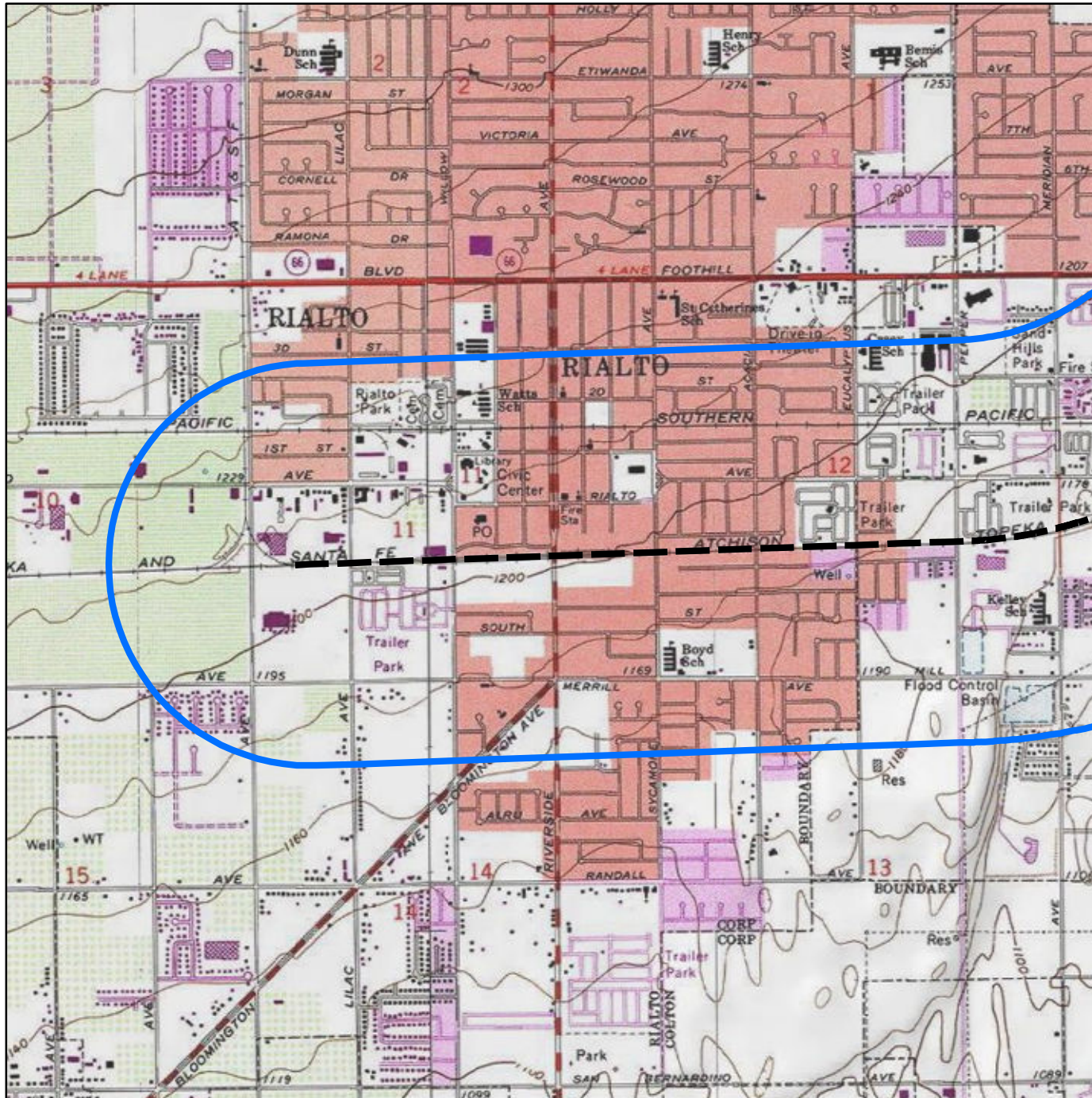
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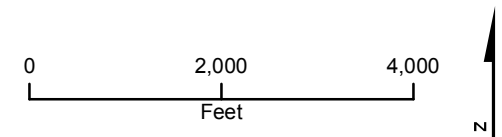
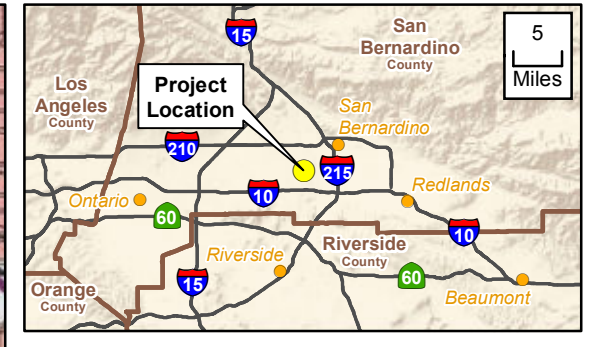
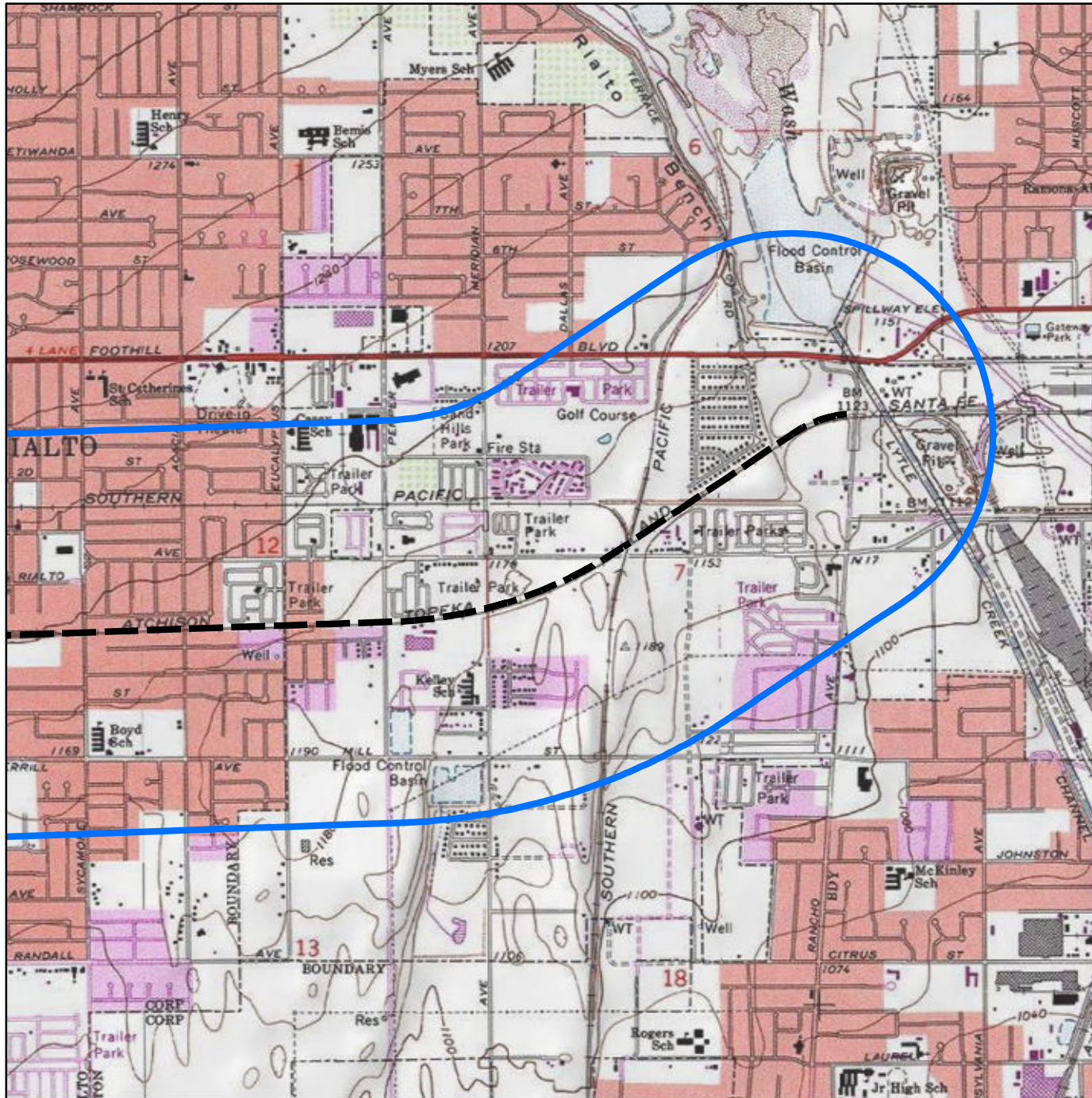


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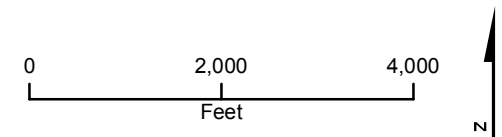


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June 12, 2017

Doug Welmas, Chairperson
Cabazon Band of Mission Indians
84-245 Indio Springs Parkway
Indio CA 92203

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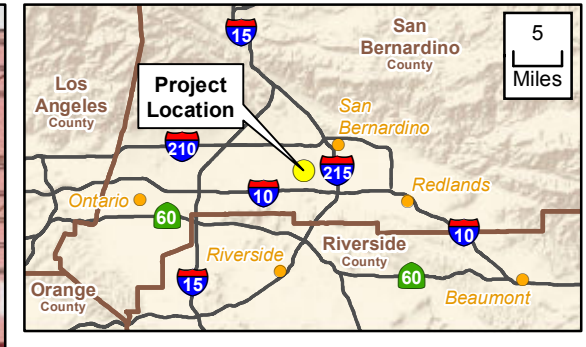
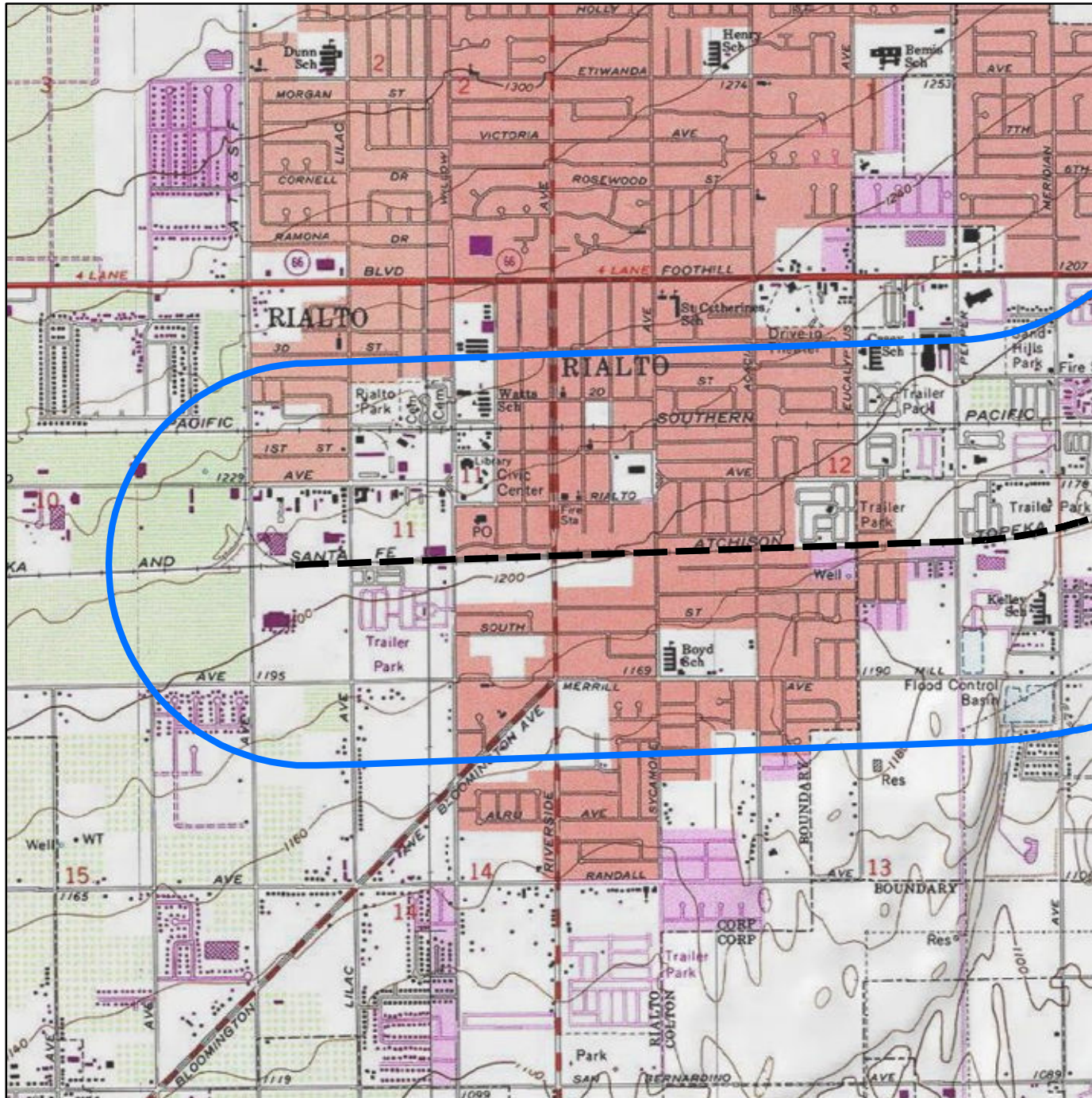
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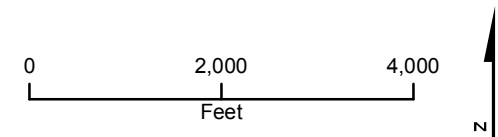
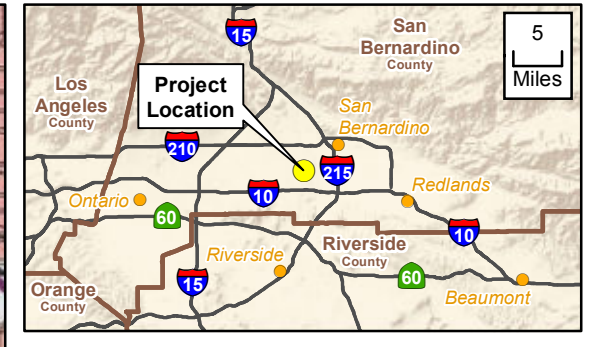
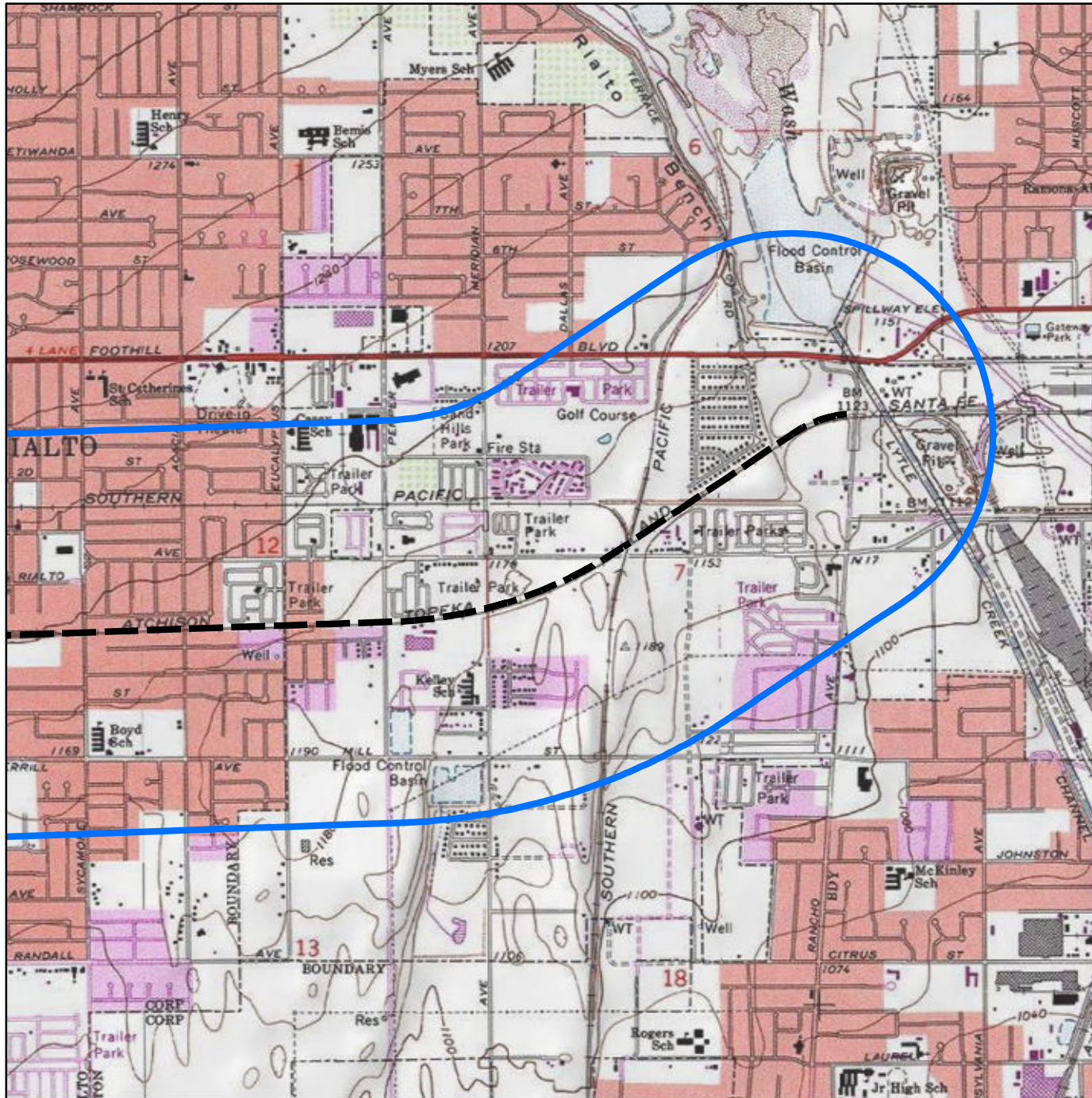


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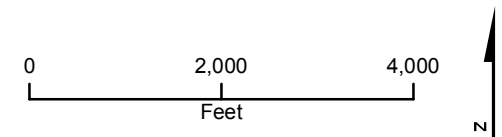


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June 12, 2017

Goldie Walker, Chairperson
Serrano Nation of Mission Indians
P.O. Box 343
Patton, CA 92369

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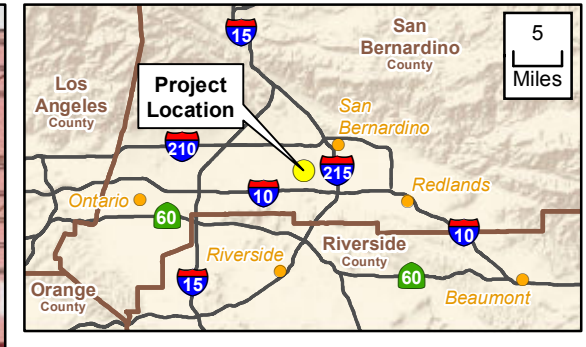
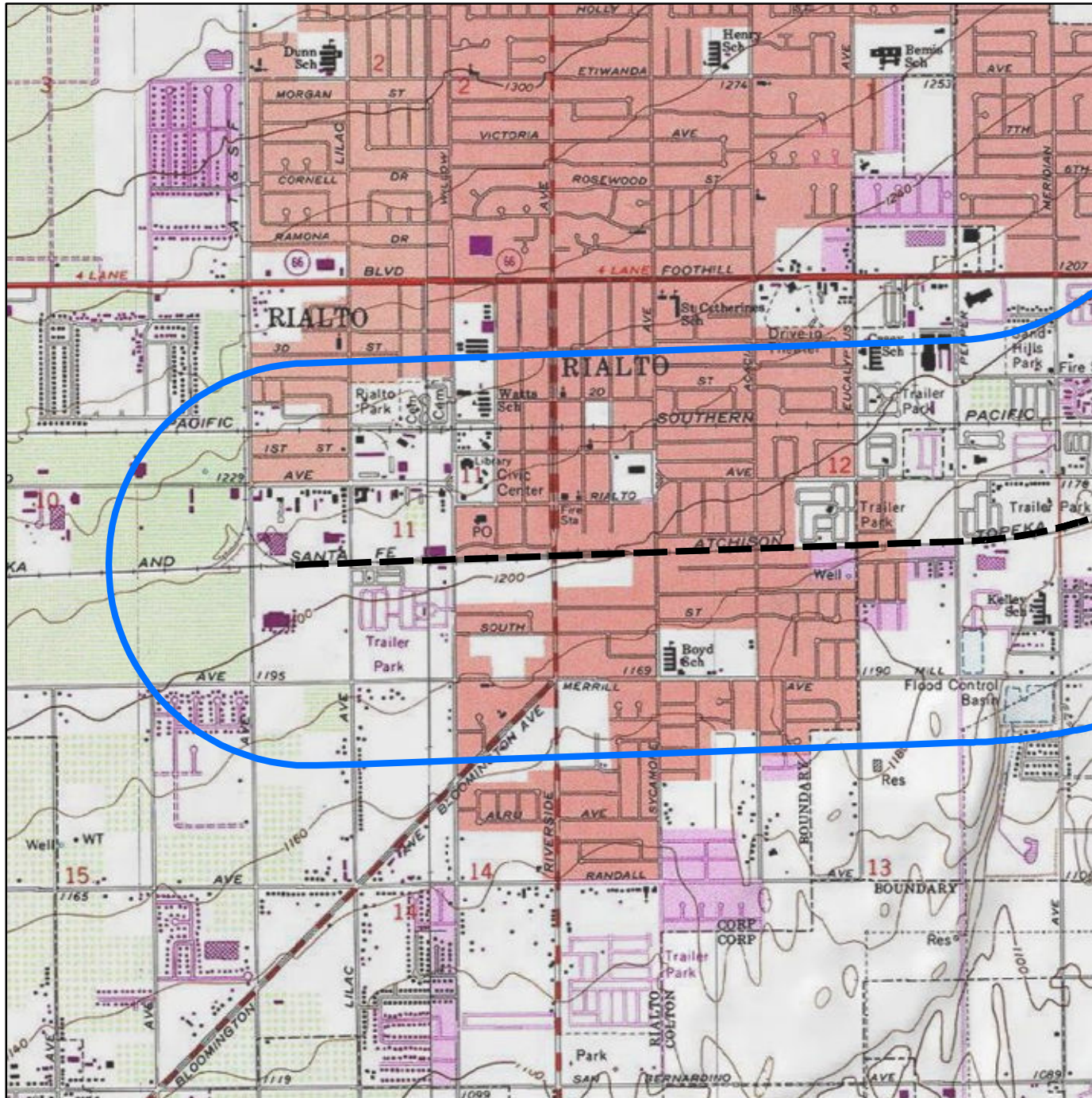
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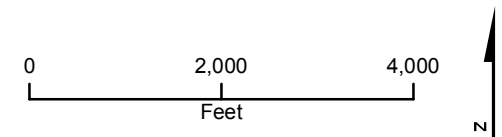
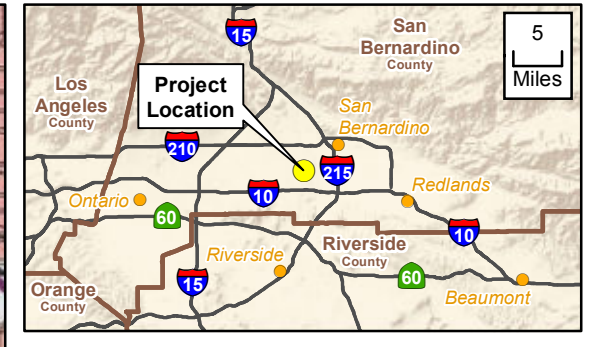
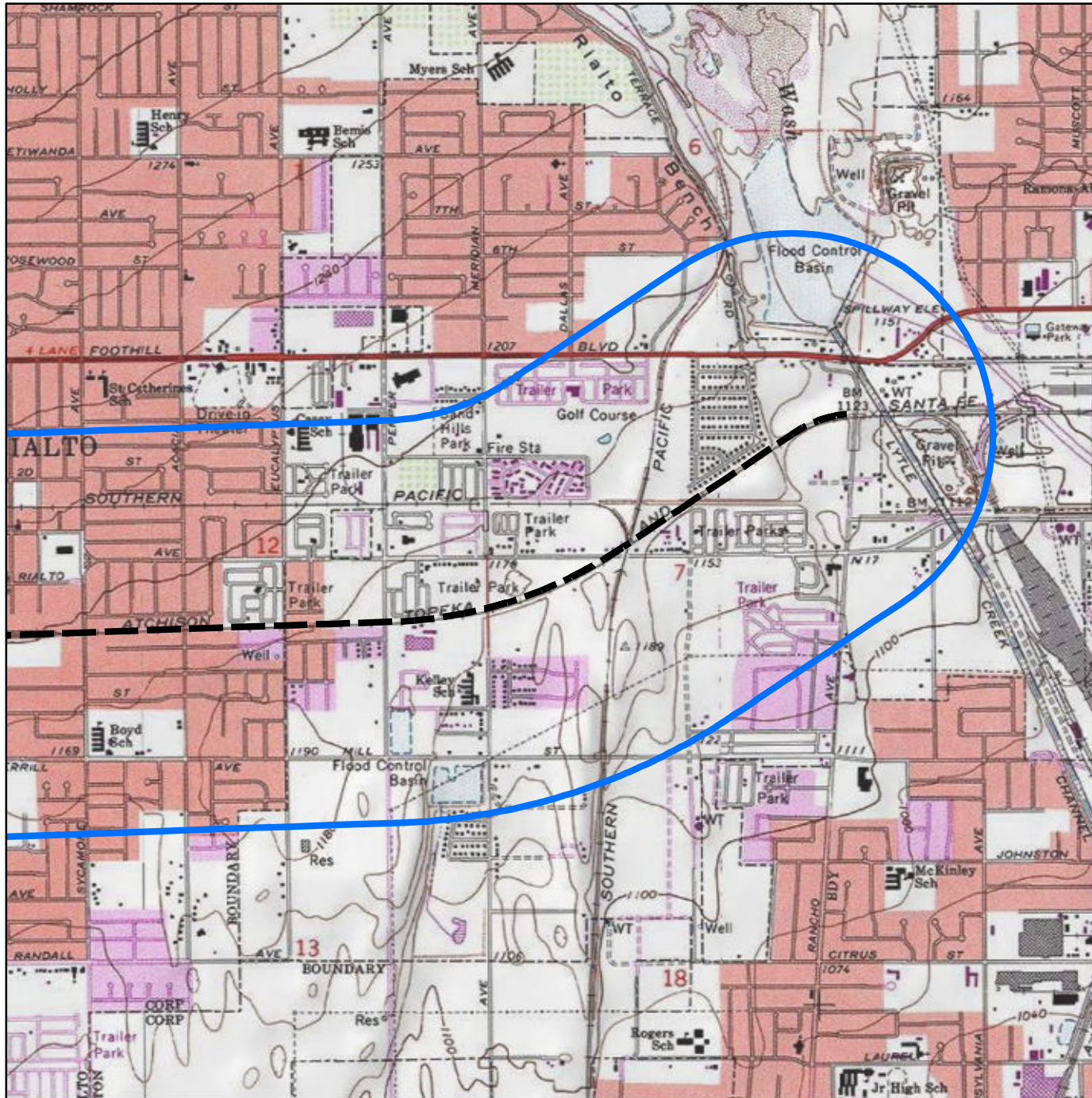


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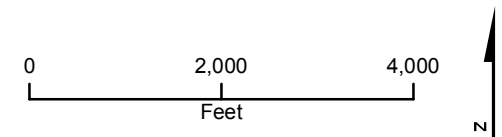


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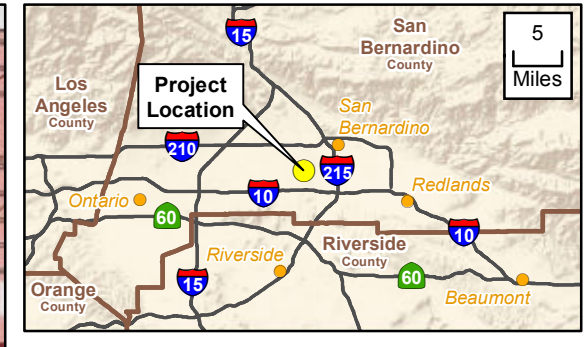
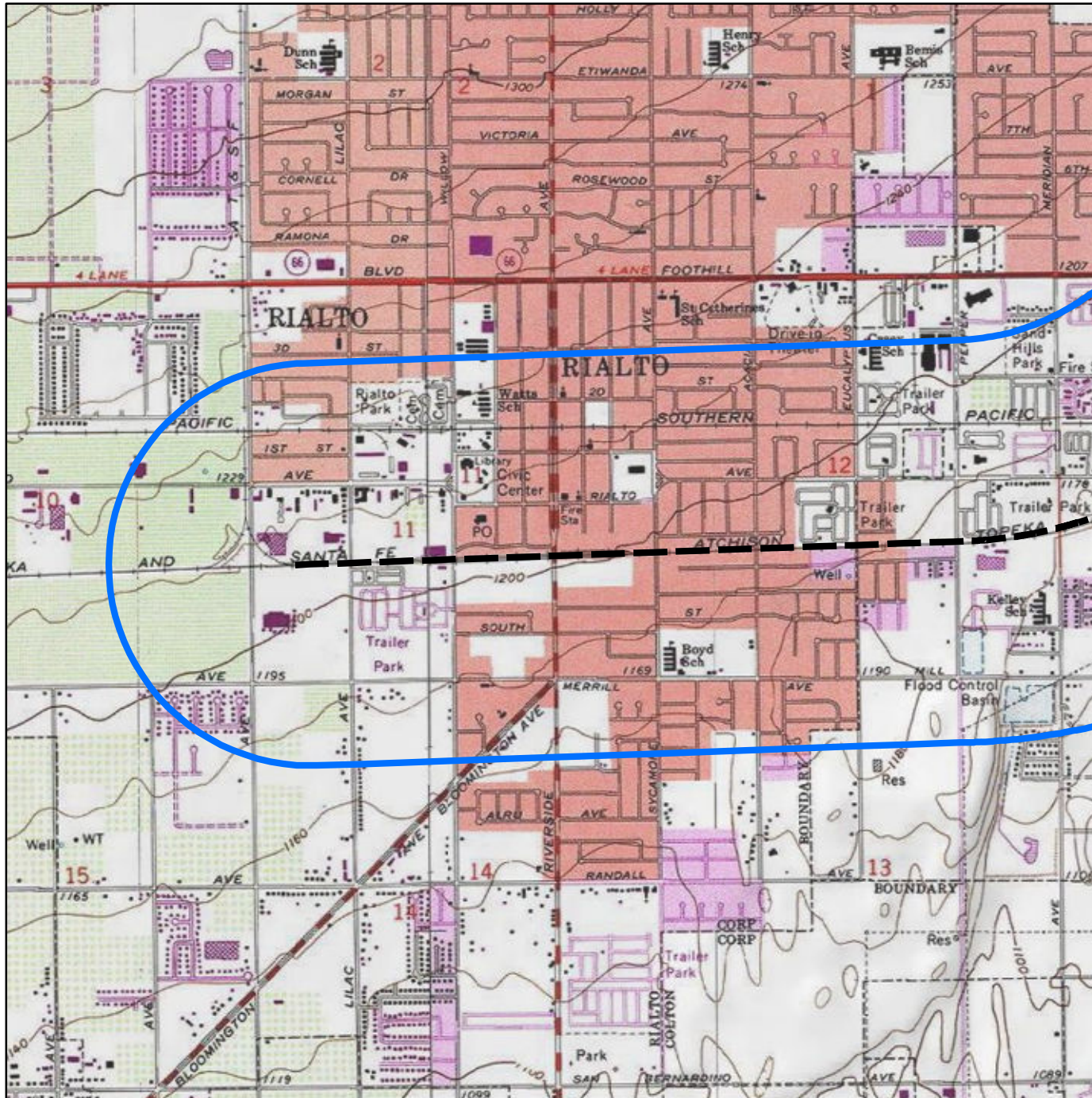
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Cultural Resources Specialist

Enclosure—Map of Project Area



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- 0.5 Mile Buffer of Project Location

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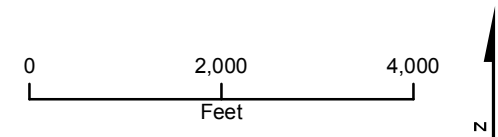
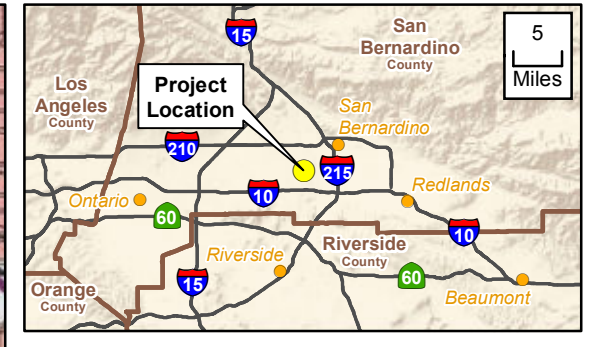
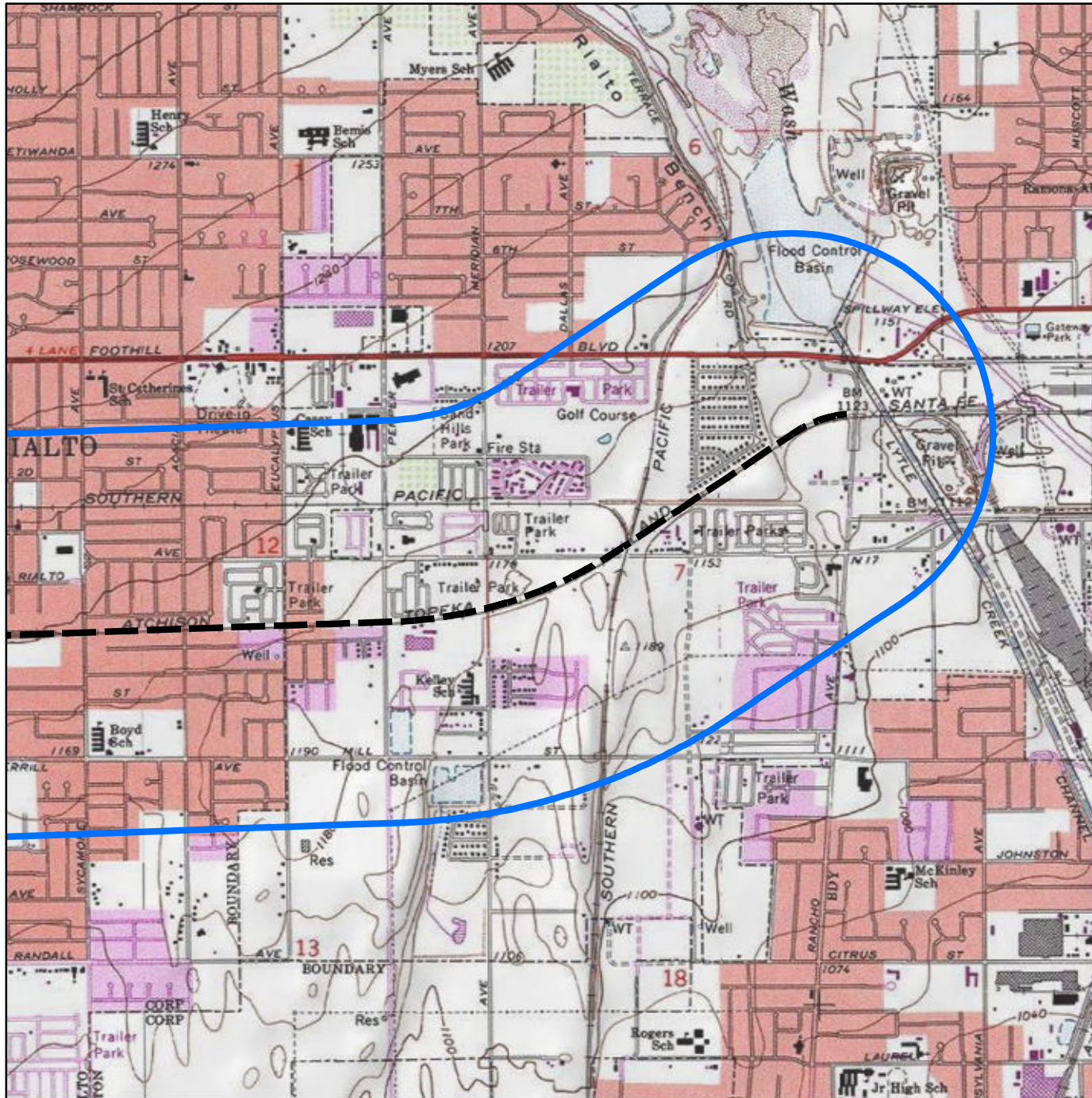


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 SBCTA Double Track Project
 Rialto and San Bernardino, California



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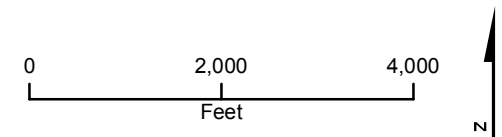


Figure 1 Sheet 02 of 02
Project Location
 SBCTA Double Track Project
 Rialto and San Bernardino, California



CH2M HILL
6 Hutton Center Dr. Suite
700
Santa Ana
CA 92707
Tel 714.435-6044

June 12, 2017

John Valenzuela, Chairperson
San Fernando Band of Mission Indians
P.O. Box 221838
Newhall, CA 91322

Re: San Bernardino County Transportation Authority - Lilac to Rancho Double Tracking Project

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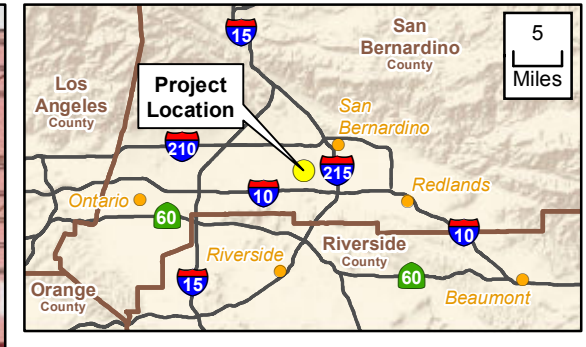
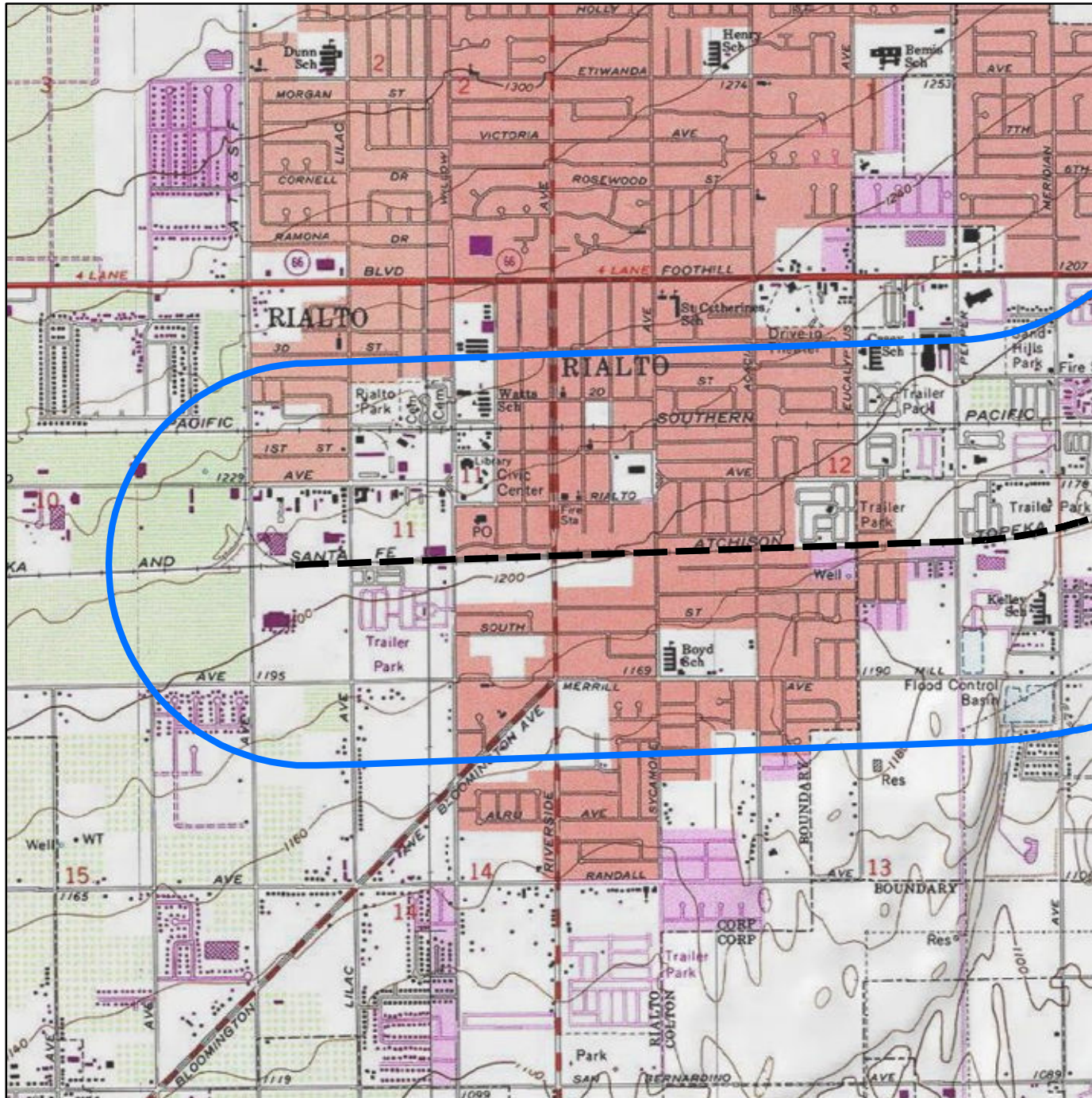
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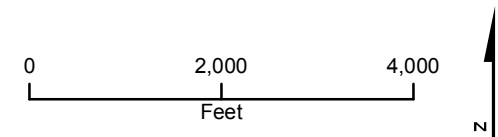
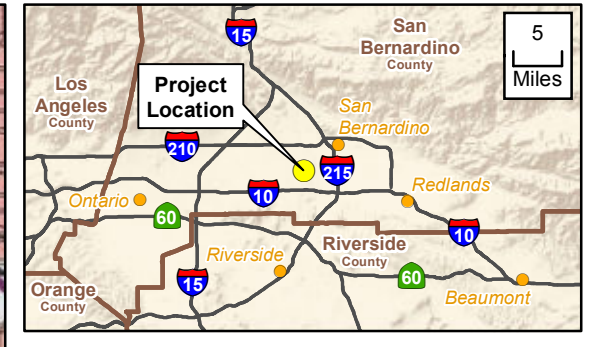
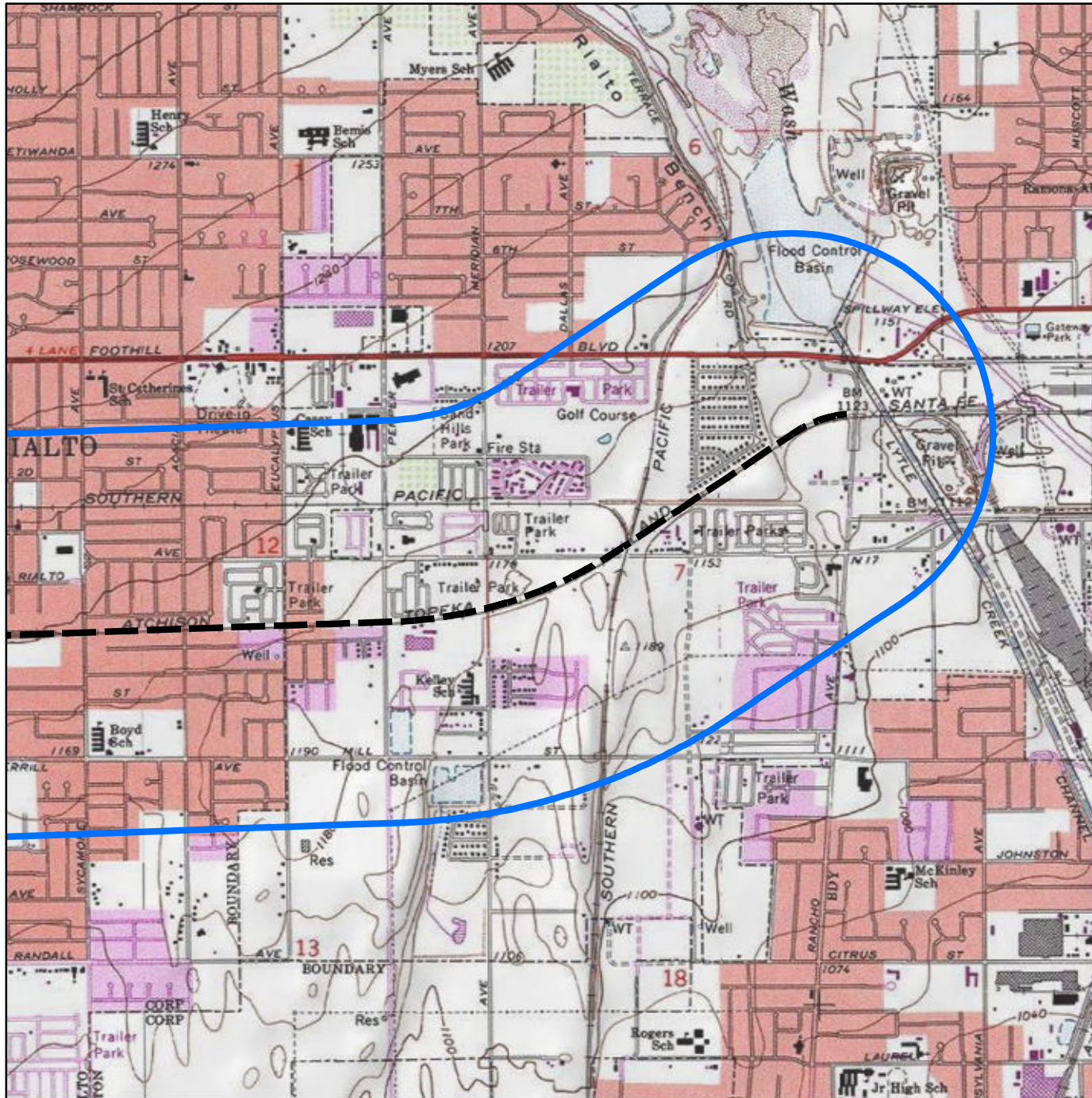


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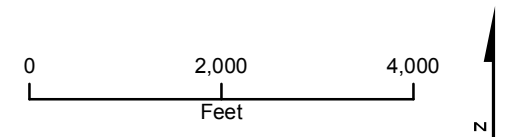


Figure 1 Sheet 02 of 02
Project Location
 SBCTA Double Track Project
 Rialto and San Bernardino, California



CH2M HILL
6 Hutton Center Dr. Suite
700
Santa Ana
CA 92707
Tel 714.435-6044

June 12, 2017

Joseph Ontiveros, Cultural Resource Department
Soboba Band of Luiseno Indians
P.O. Box 487
San Jacinto, CA 92583

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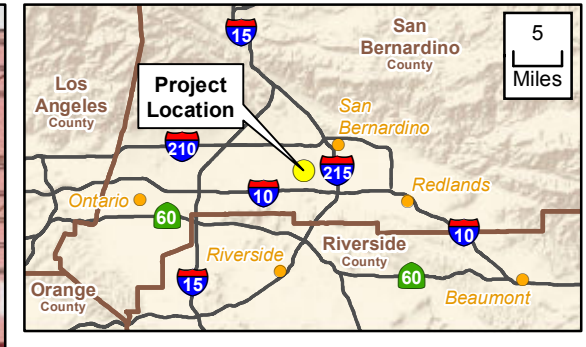
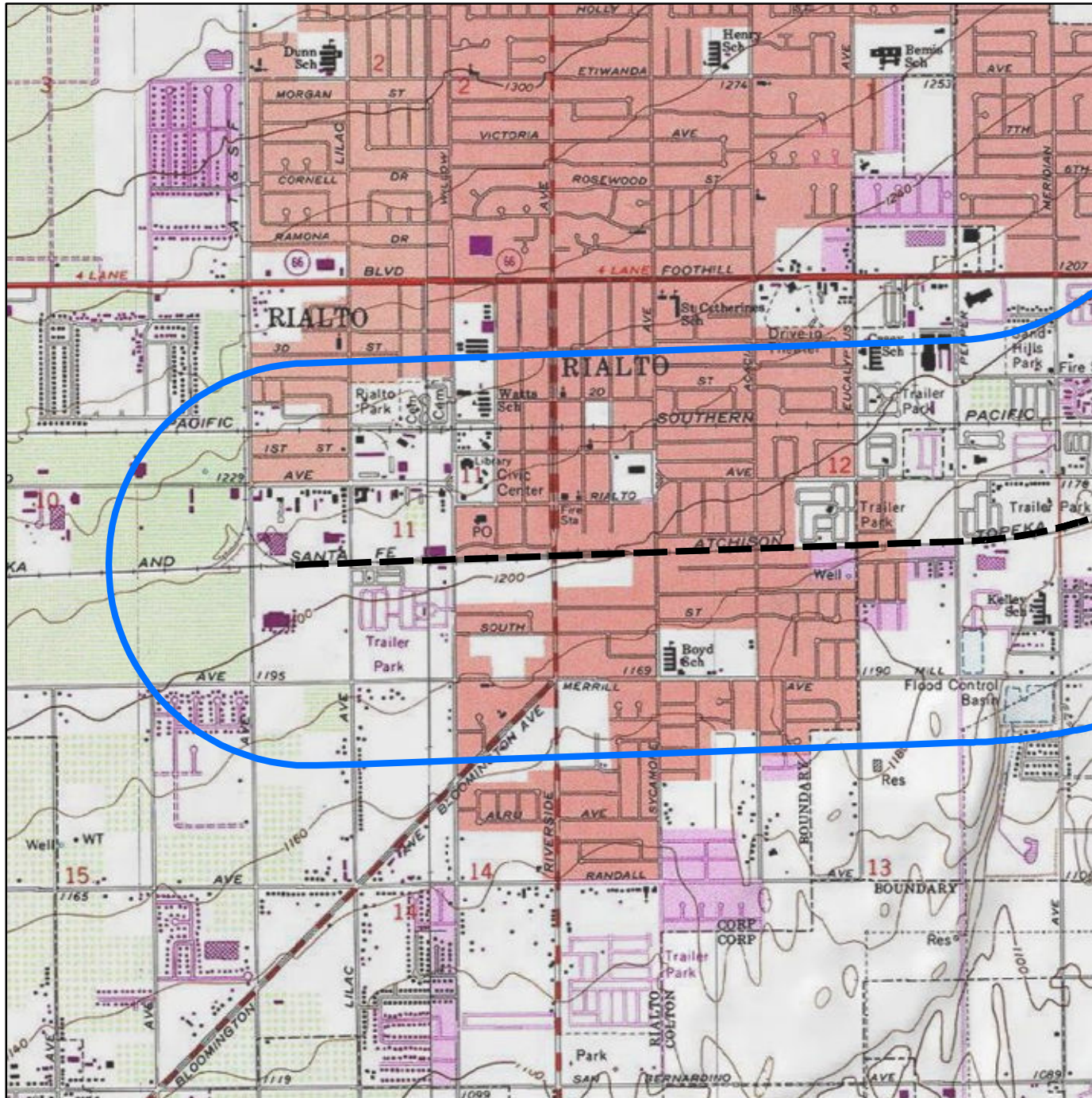
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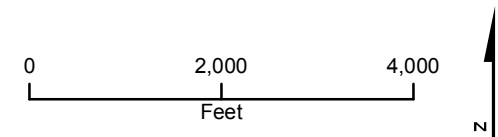
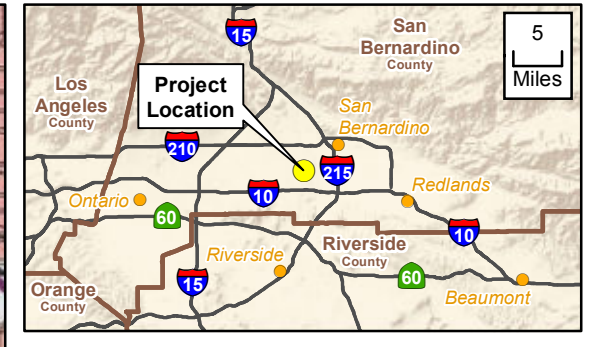
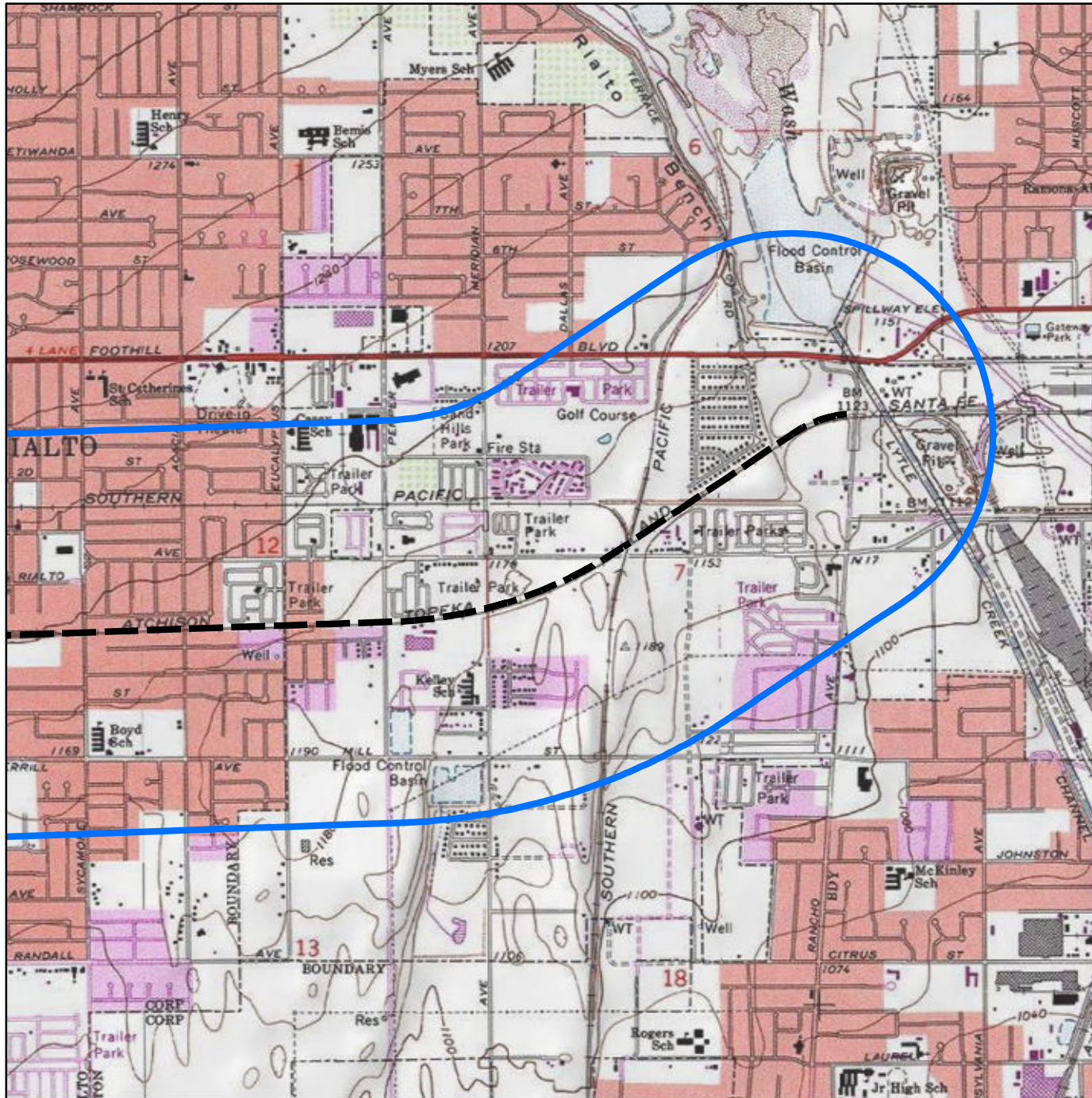


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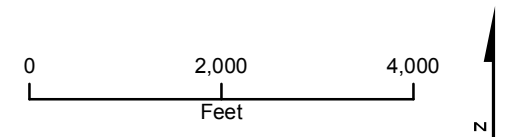


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6 Hutton Center Dr. Suite
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Santa Ana
CA 92707
Tel 714.435-6044

June 12, 2017

Linda Candelaria, Co-Chairperson
Gabrielino-Tongva Tribe
1999 Avenue of the Stars, Suite 1100
Los Angeles, CA 90037

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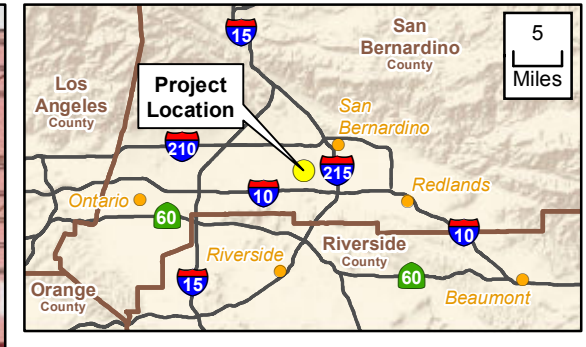
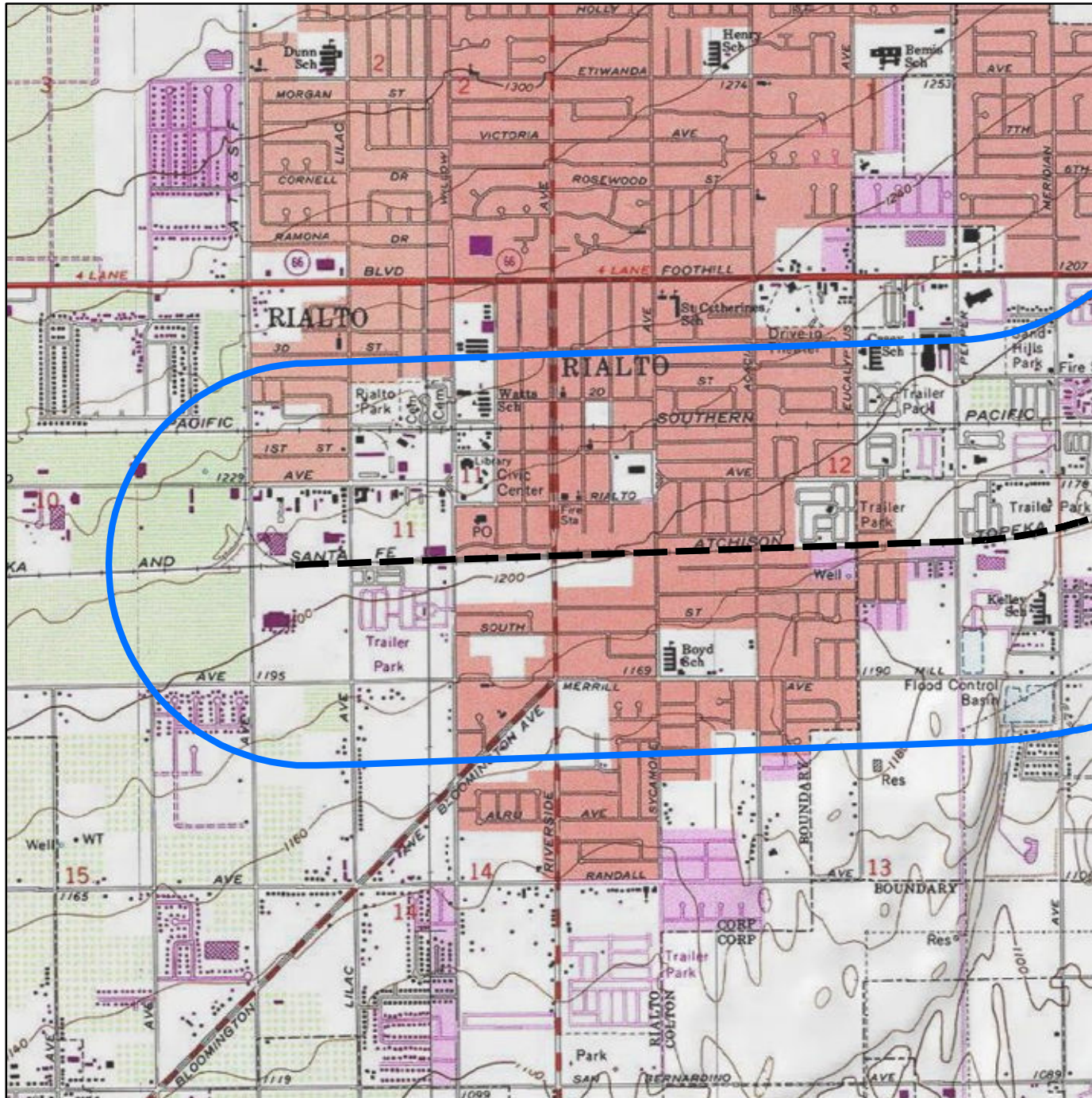
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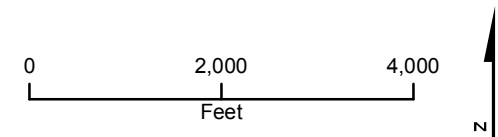
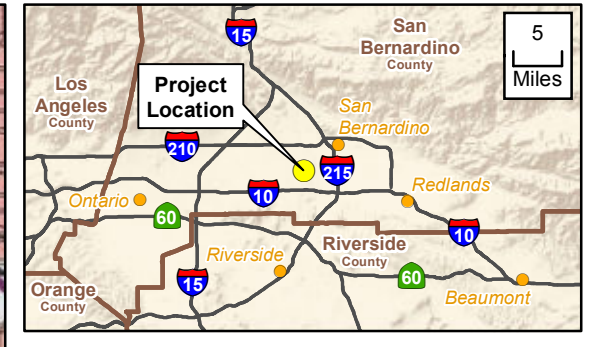
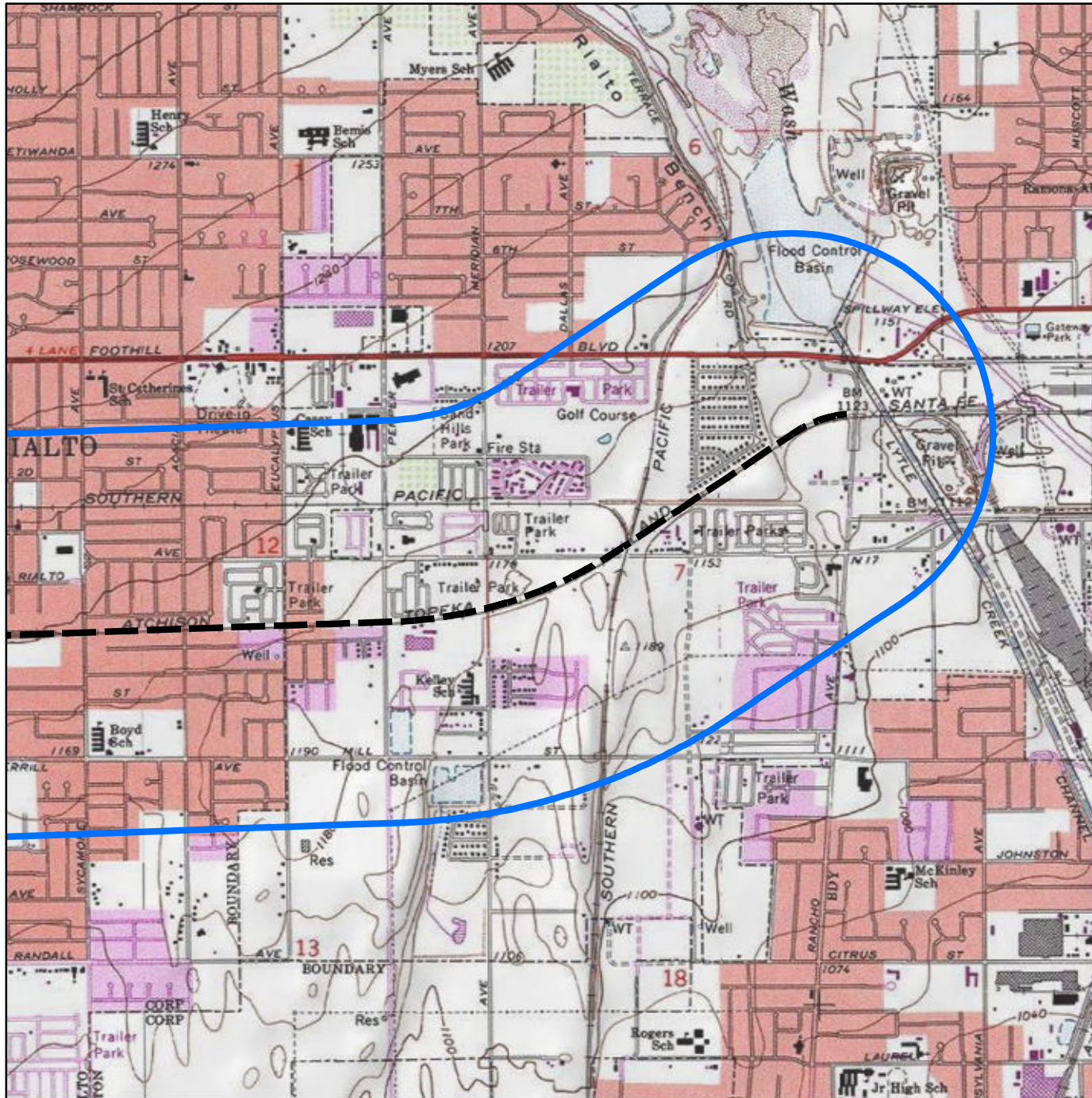


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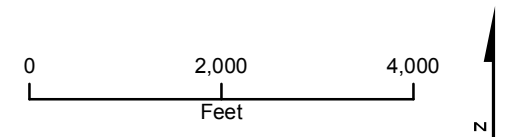


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CH2M HILL
6 Hutton Center Dr. Suite
700
Santa Ana
CA 92707
Tel 714.435-6044

June 12, 2017

Michael Mirelez, Cultural Resource Coordinator
Torres- Martinez Desert Cahuilla Indians
P.O. Box 1160
Thermal, CA 92274

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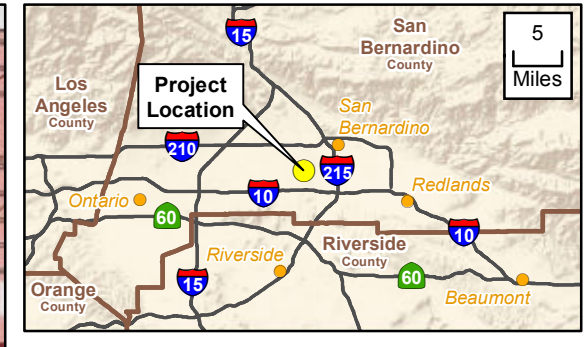
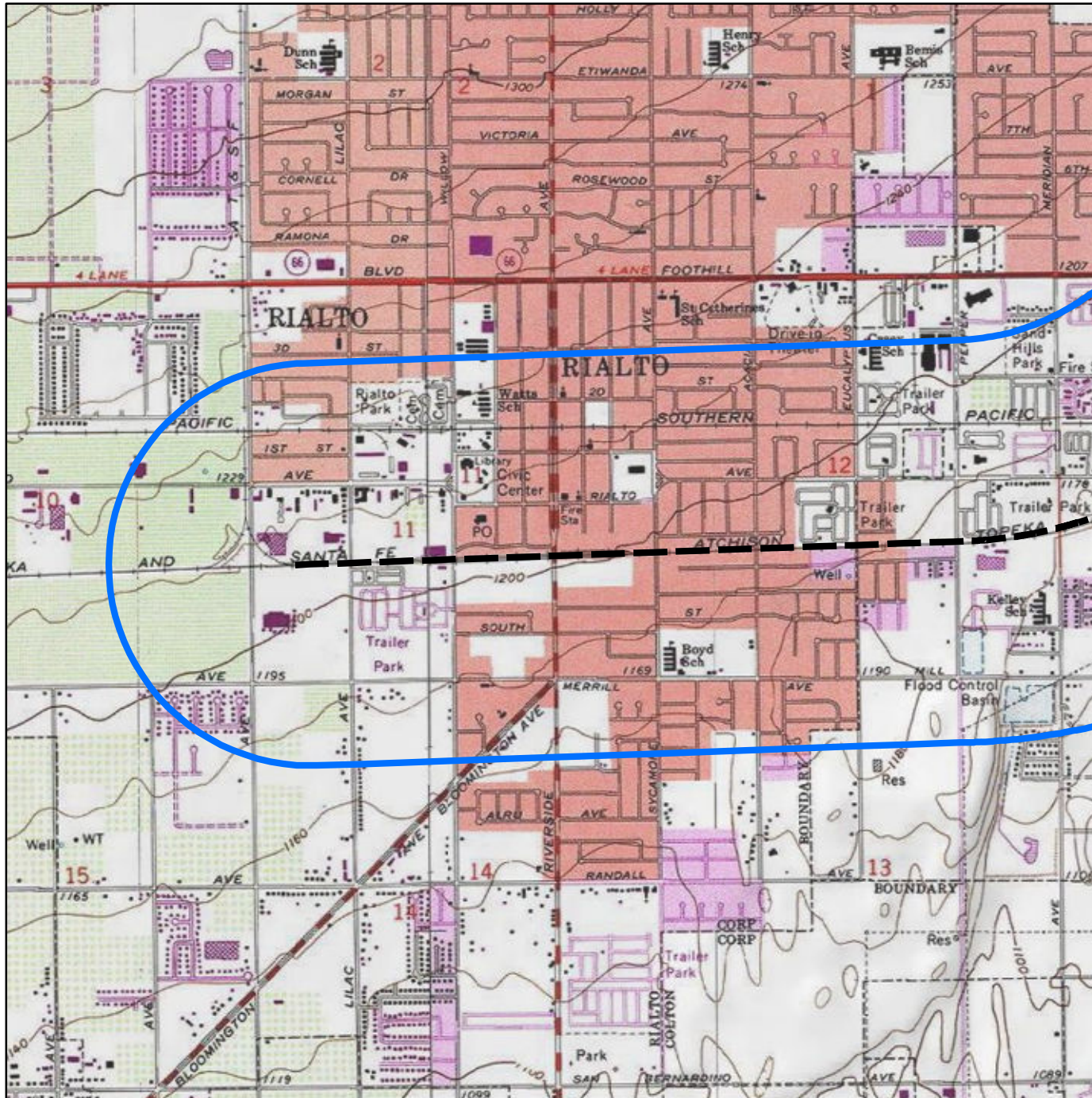
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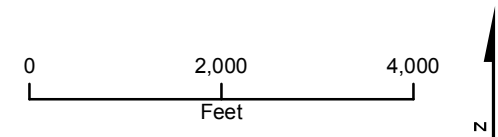
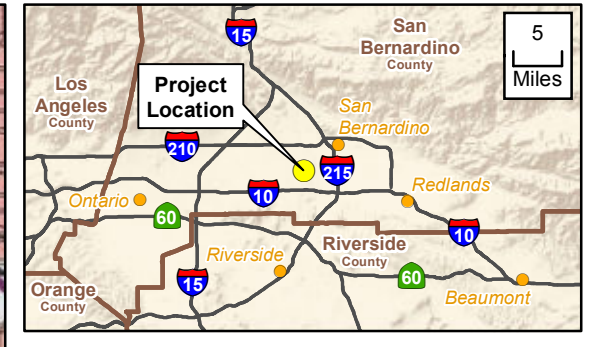
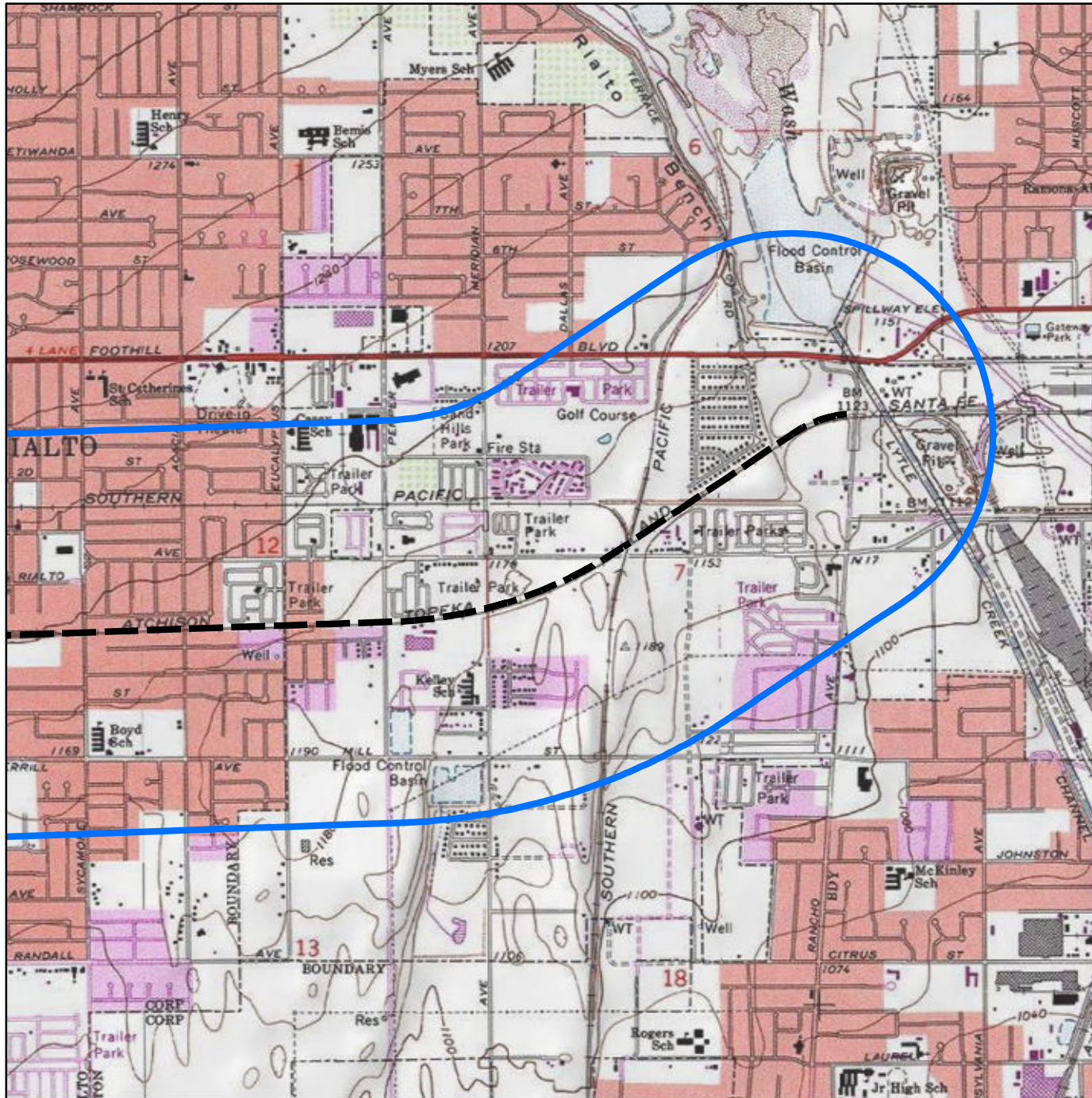


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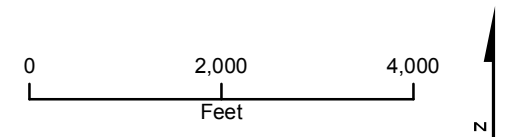


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June 12, 2017

Patricia Garcia-Plotkin, Director, THPO
Agua Caliente Band of Cahuilla Indians
5401 Dinah Shore Drive
Palm Springs, CA 92264

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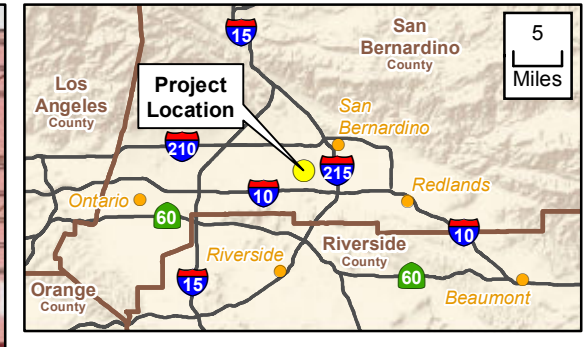
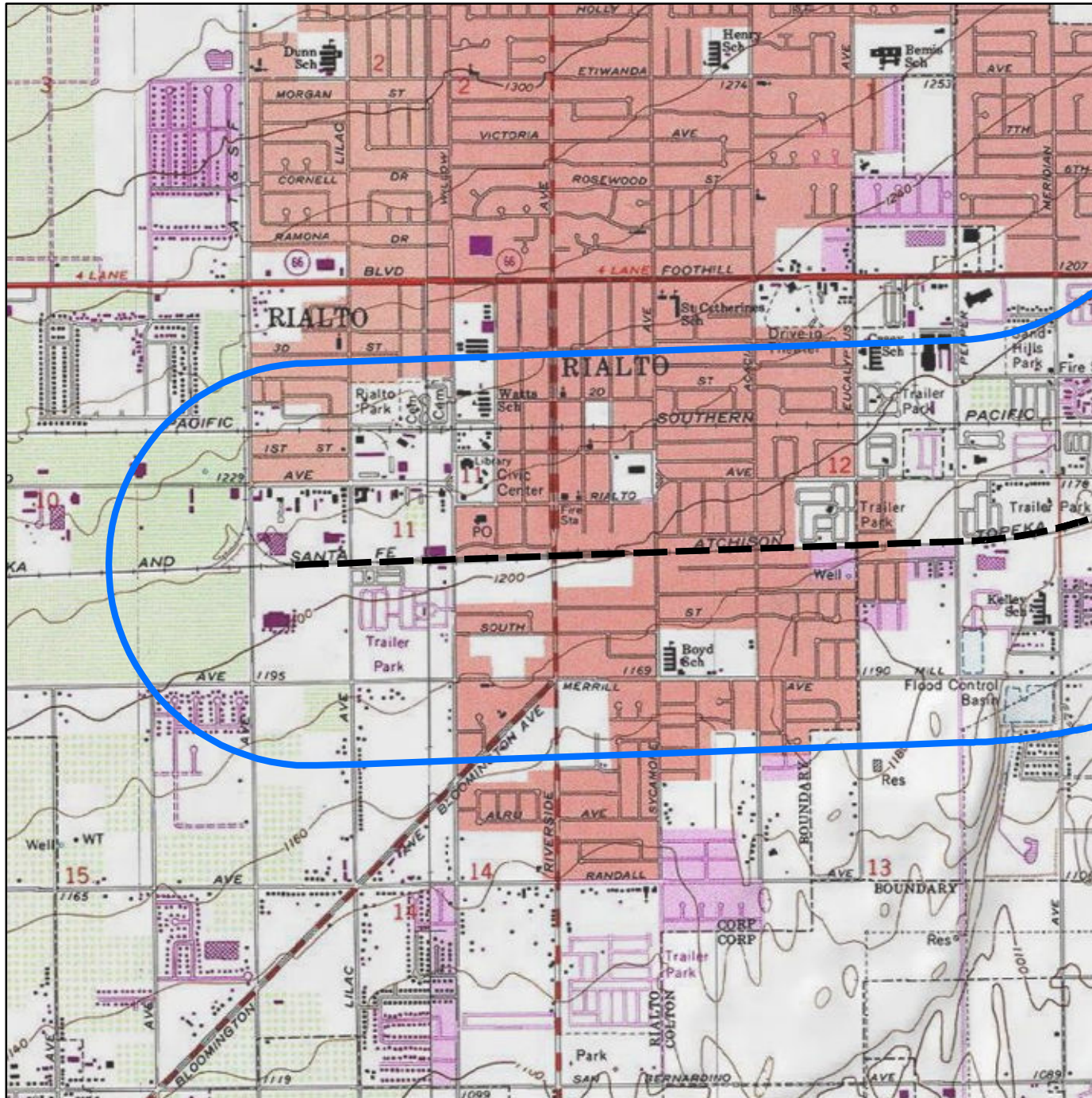
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Cultural Resources Specialist

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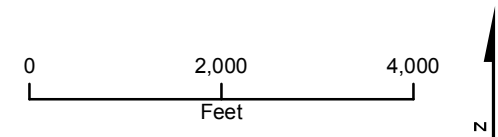
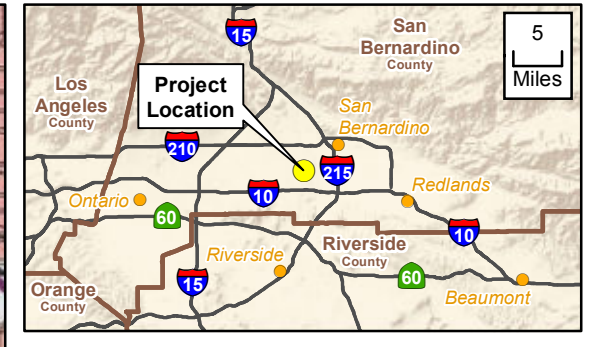
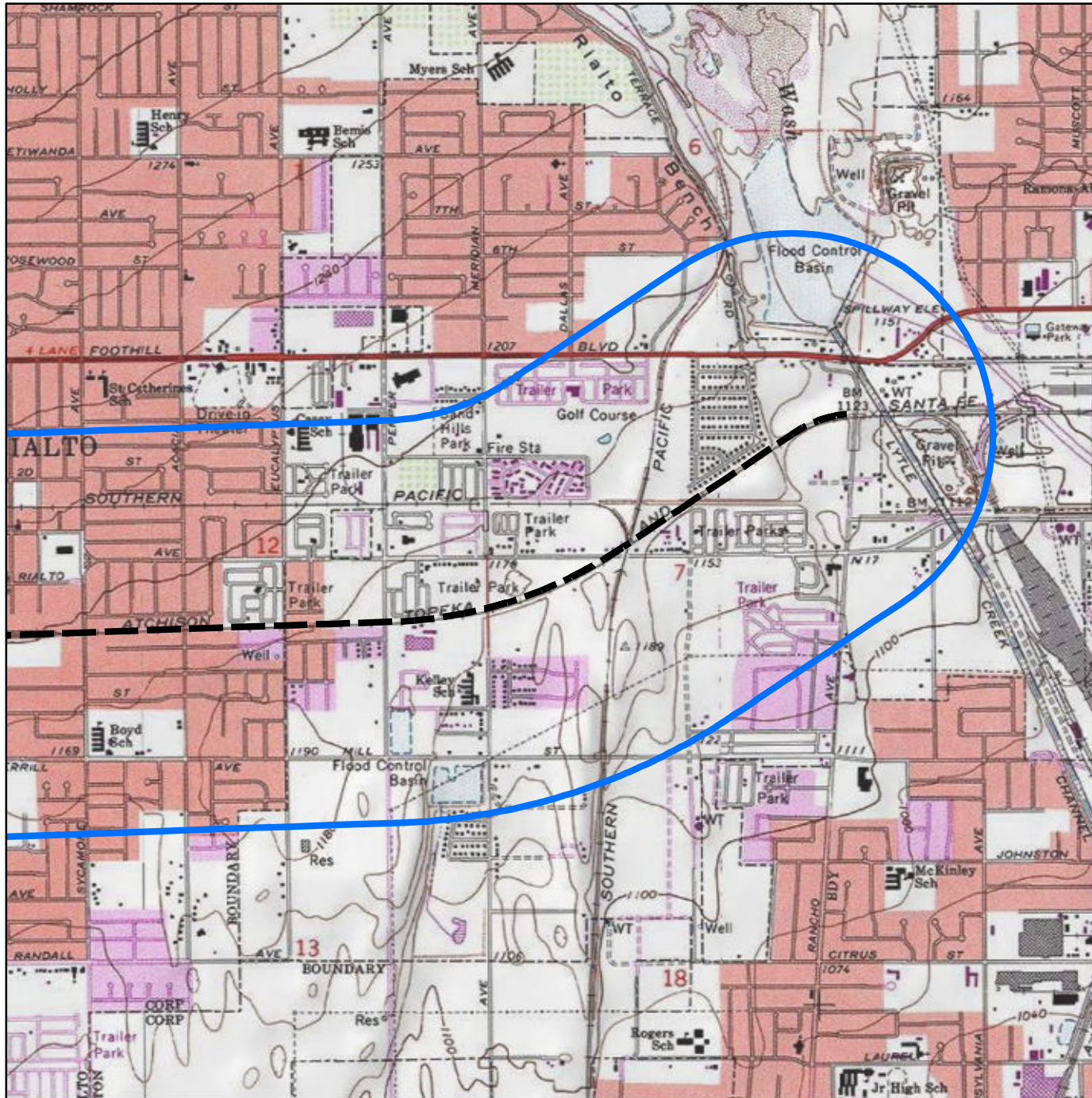


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 Rialto and San Bernardino, California



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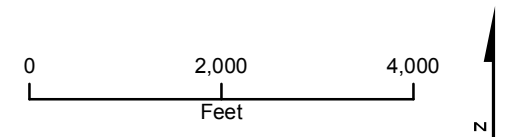


Figure 1 Sheet 02 of 02
Project Location
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CH2M HILL
6 Hutton Center Dr. Suite
700
Santa Ana
CA 92707
Tel 714.435-6044

June 12, 2017

Robert F. Dorame, Tribal Chair
Gabrielino Tongva Indians of California Tribal Council
P.O. Box 490
Bellflower, CA 90707

Re: San Bernardino County Transportation Authority - Lilac to Rancho Double Tracking Project

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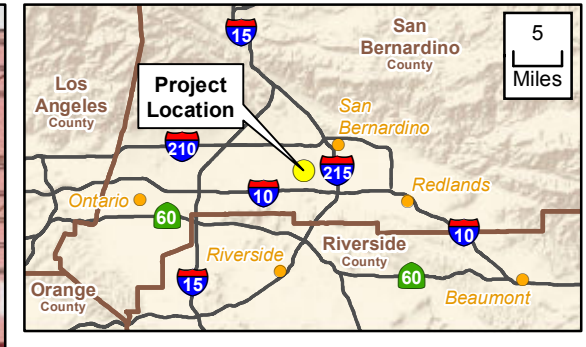
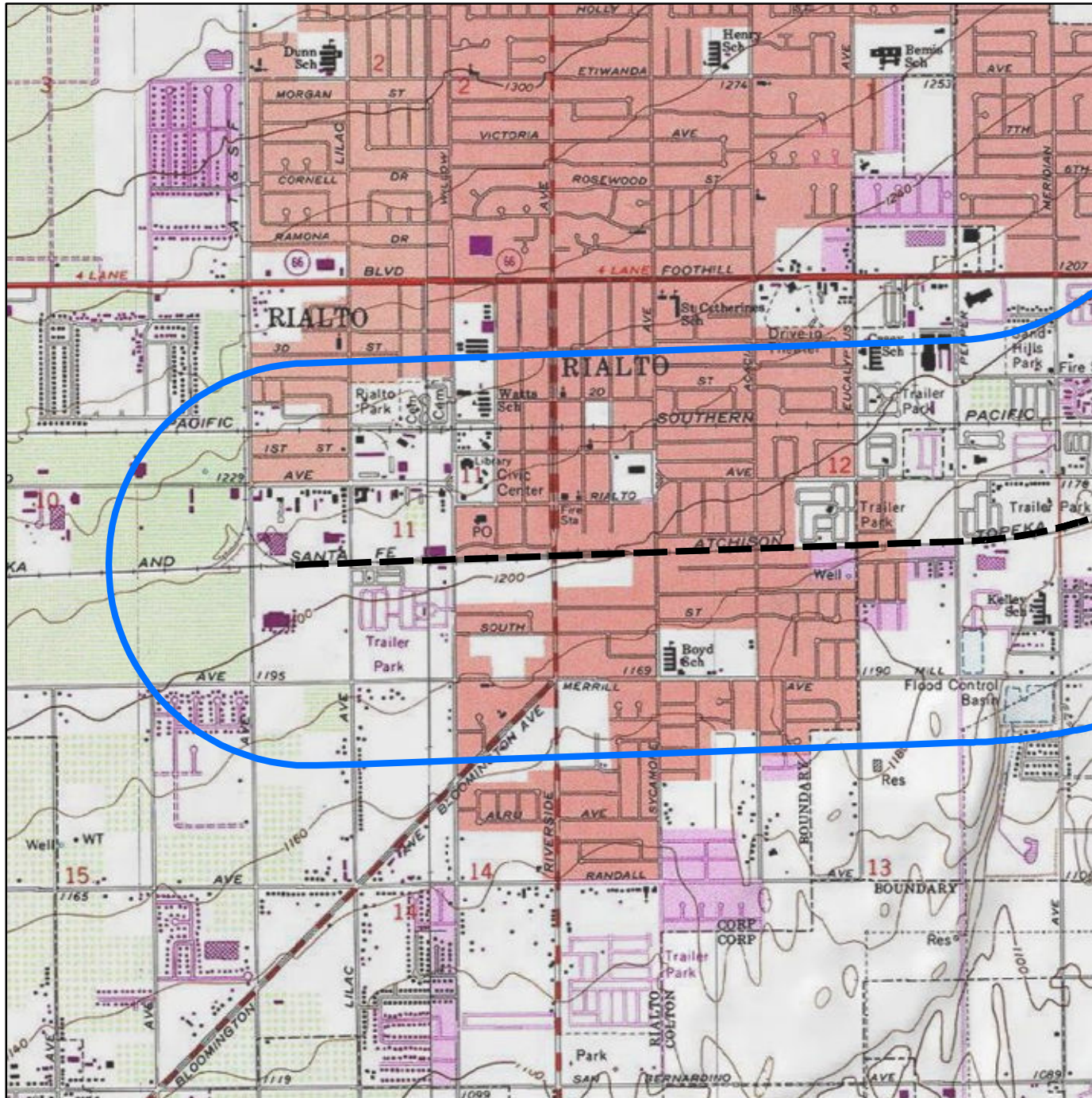
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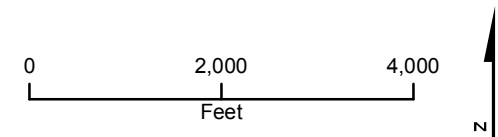
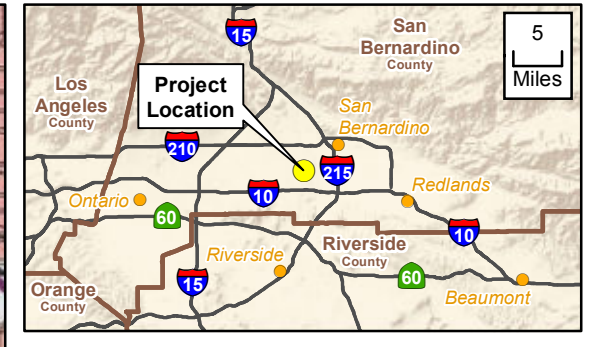
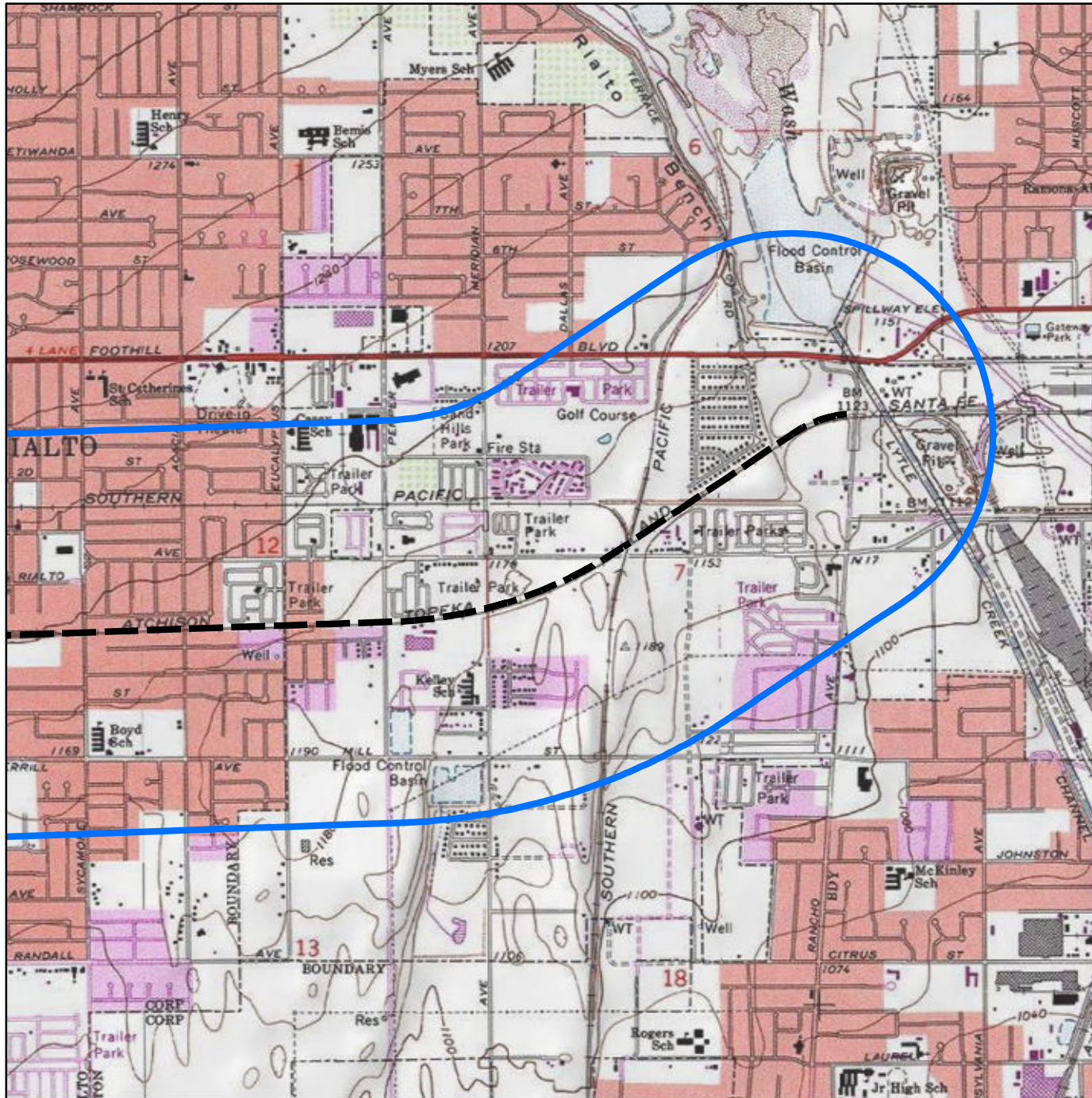


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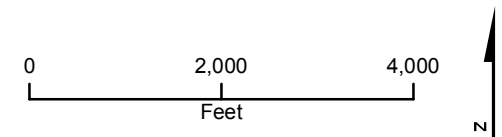


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CH2M HILL
6 Hutton Center Dr. Suite
700
Santa Ana
CA 92707
Tel 714.435-6044

June 12, 2017

Robert Martin, Chairperson
Morongo Band of Mission Indians
12700 Pumarra Road
Banning, CA 92220

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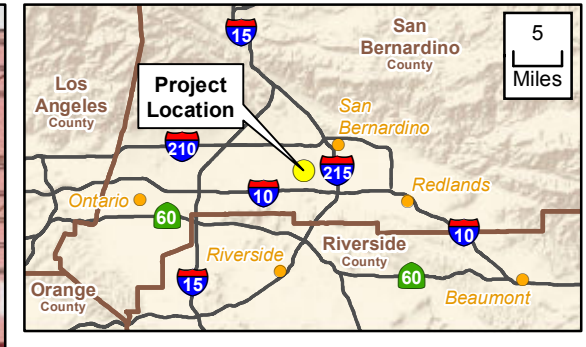
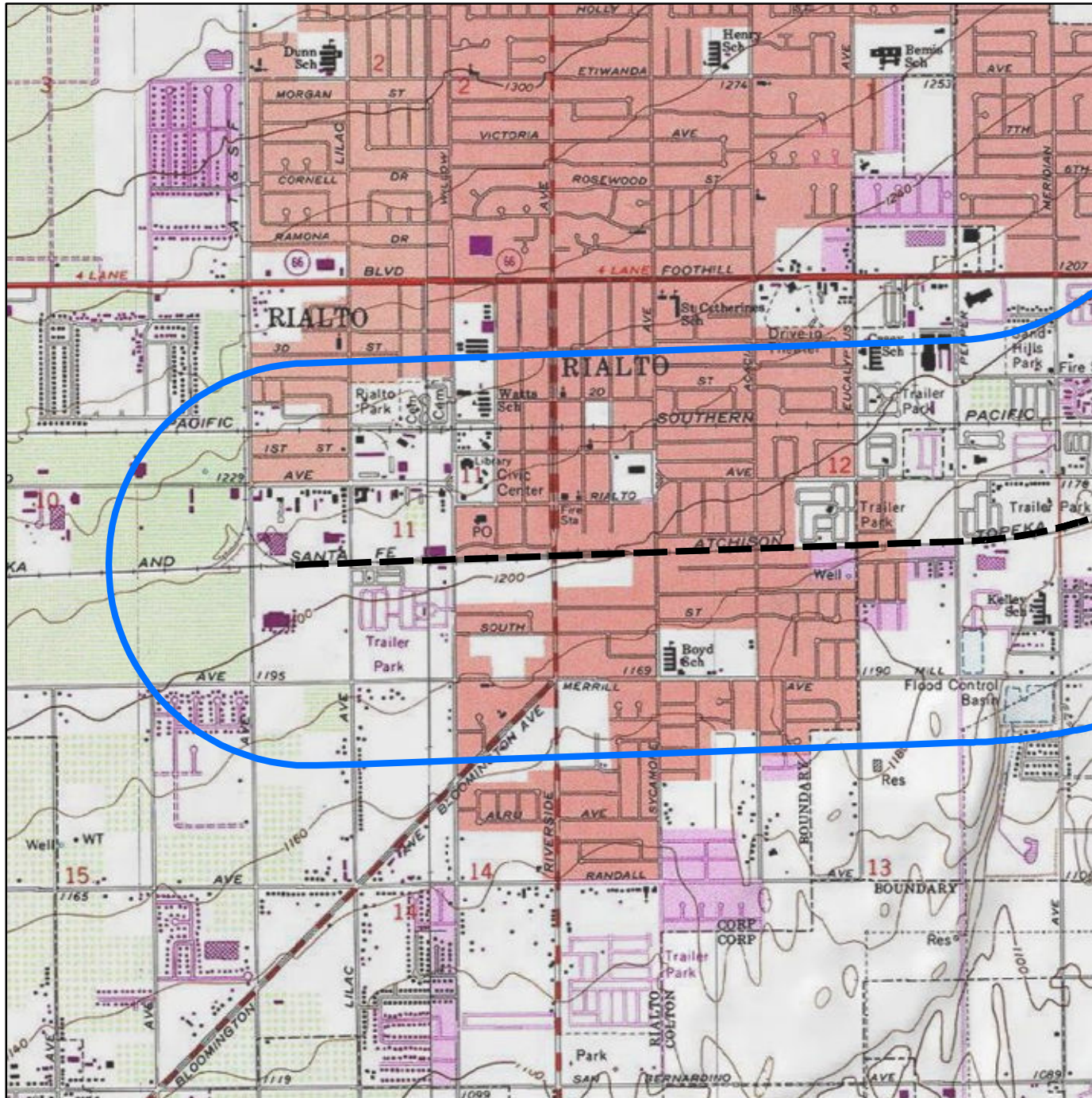
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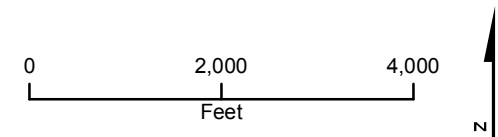
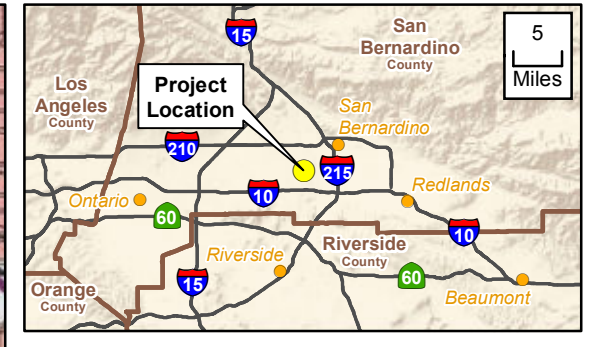
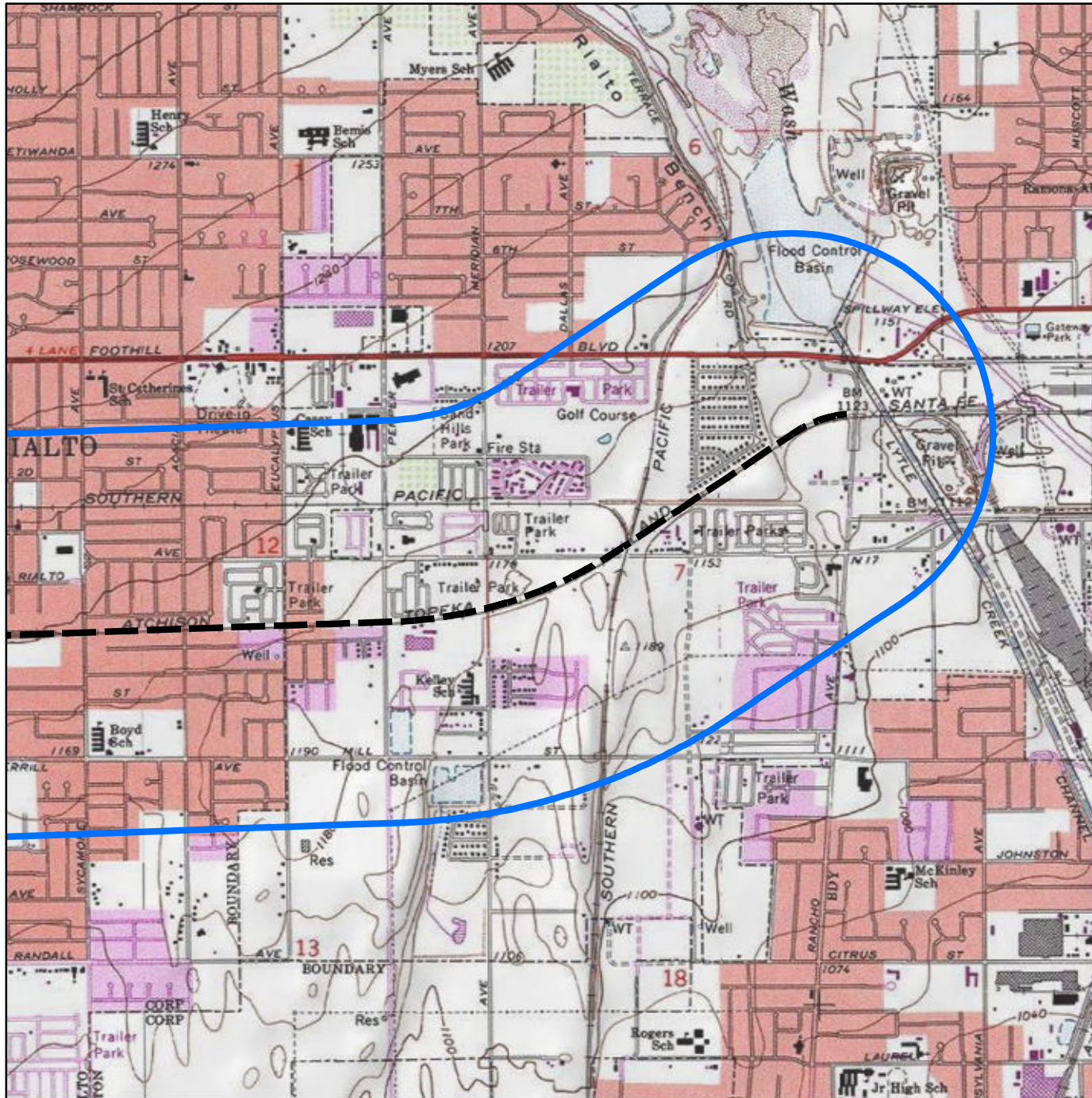


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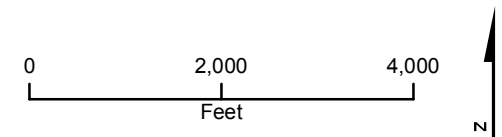


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CH2M HILL
6 Hutton Center Dr. Suite
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Santa Ana
CA 92707
Tel 714.435-6044

June 12, 2017

Sandonne Goad, Chairperson
Gabrielino/Tongva Nation
106 ½ Judge John Aiso St. #231
Los Angeles, CA 90012

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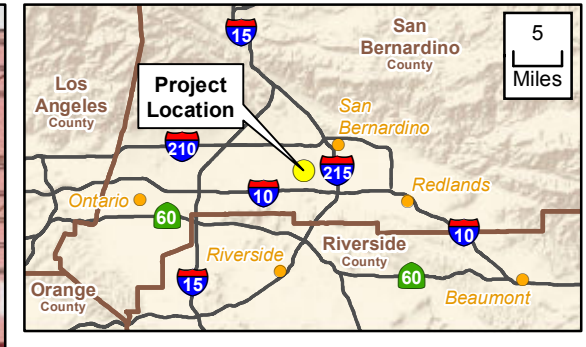
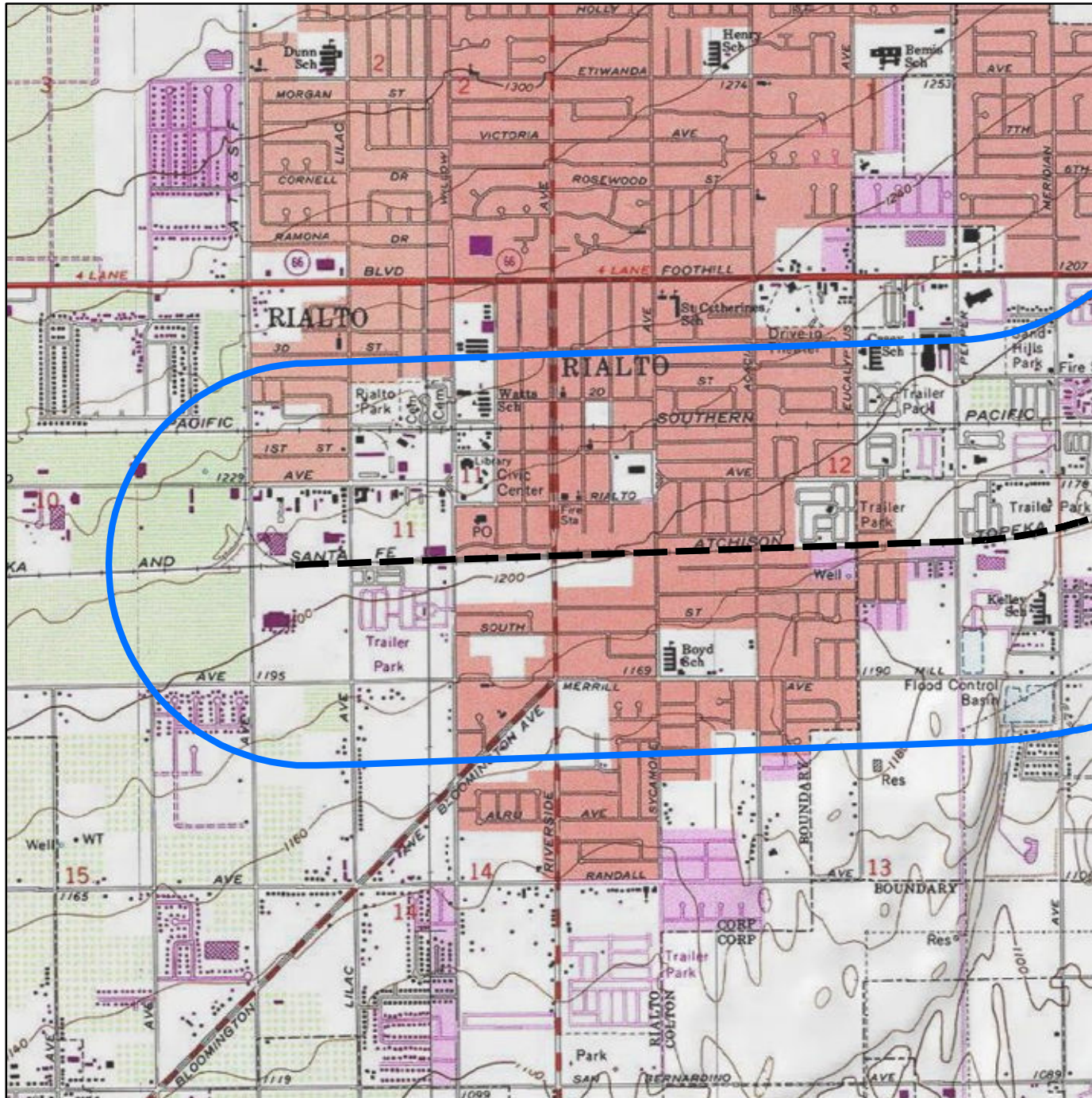
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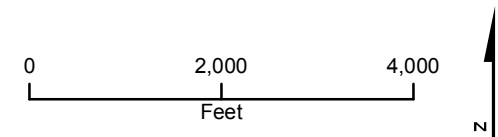
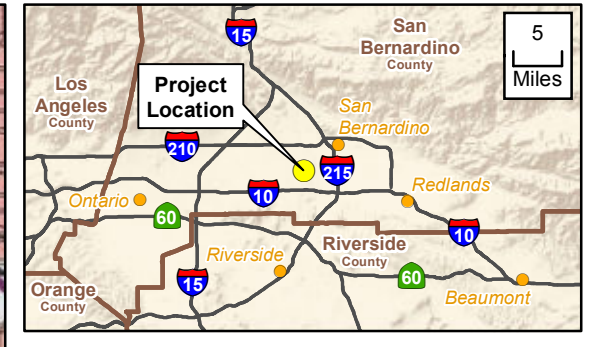
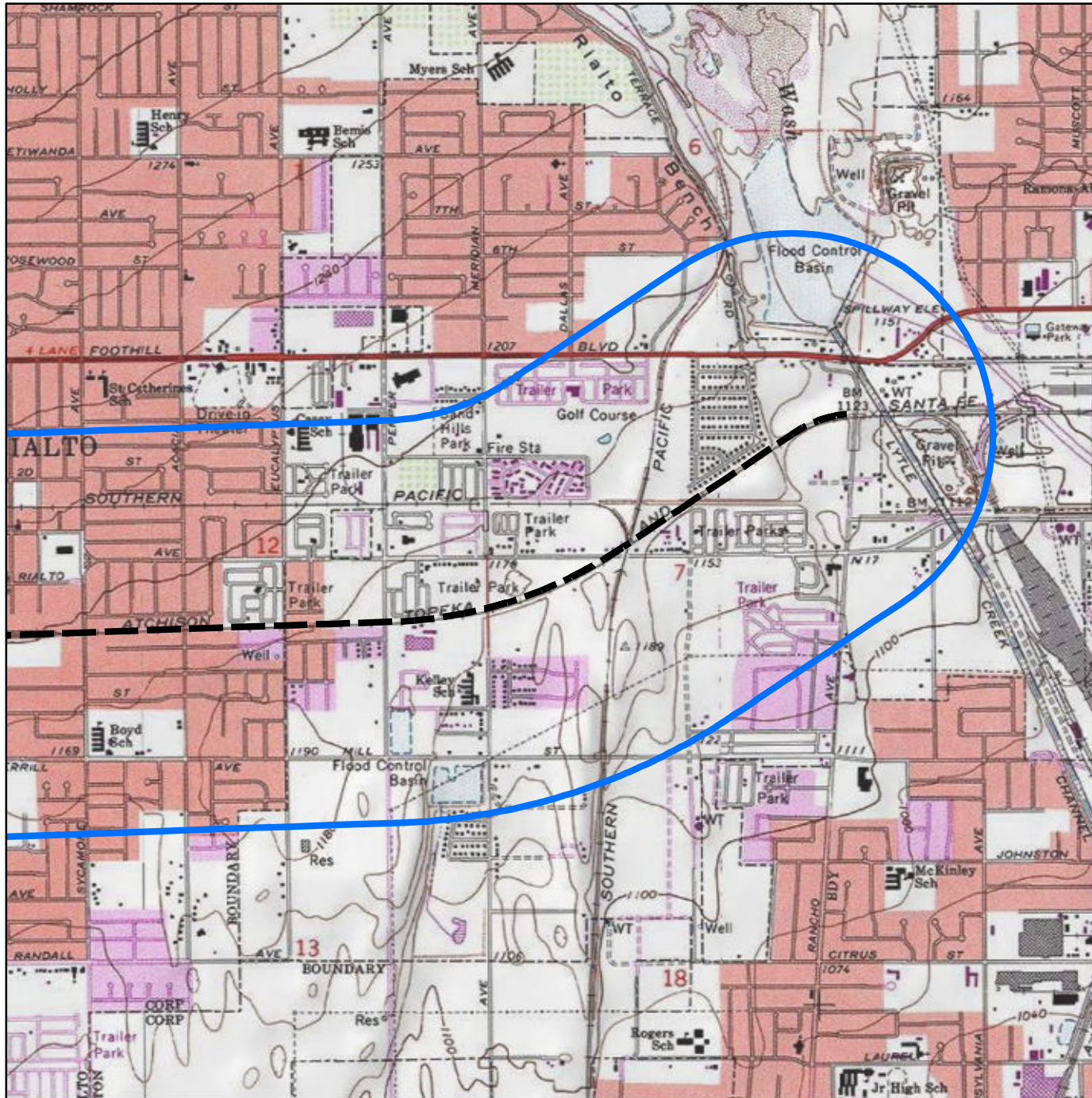


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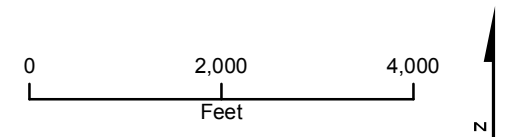


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CH2M HILL
6 Hutton Center Dr. Suite
700
Santa Ana
CA 92707
Tel 714.435-6044

June 12, 2017

Shane Chapparosa, Chairman
Los Cayotes Band of Cahuilla and Cupeno Indians
P.O. Box 189
Warner Springs, CA 92086

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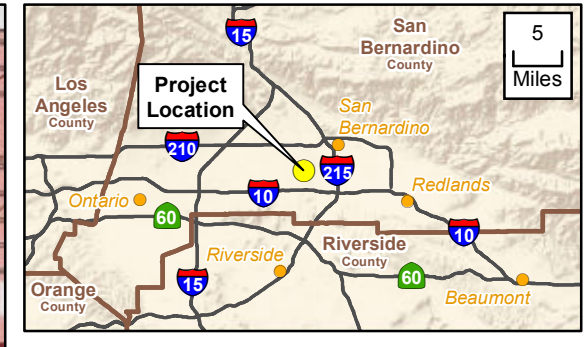
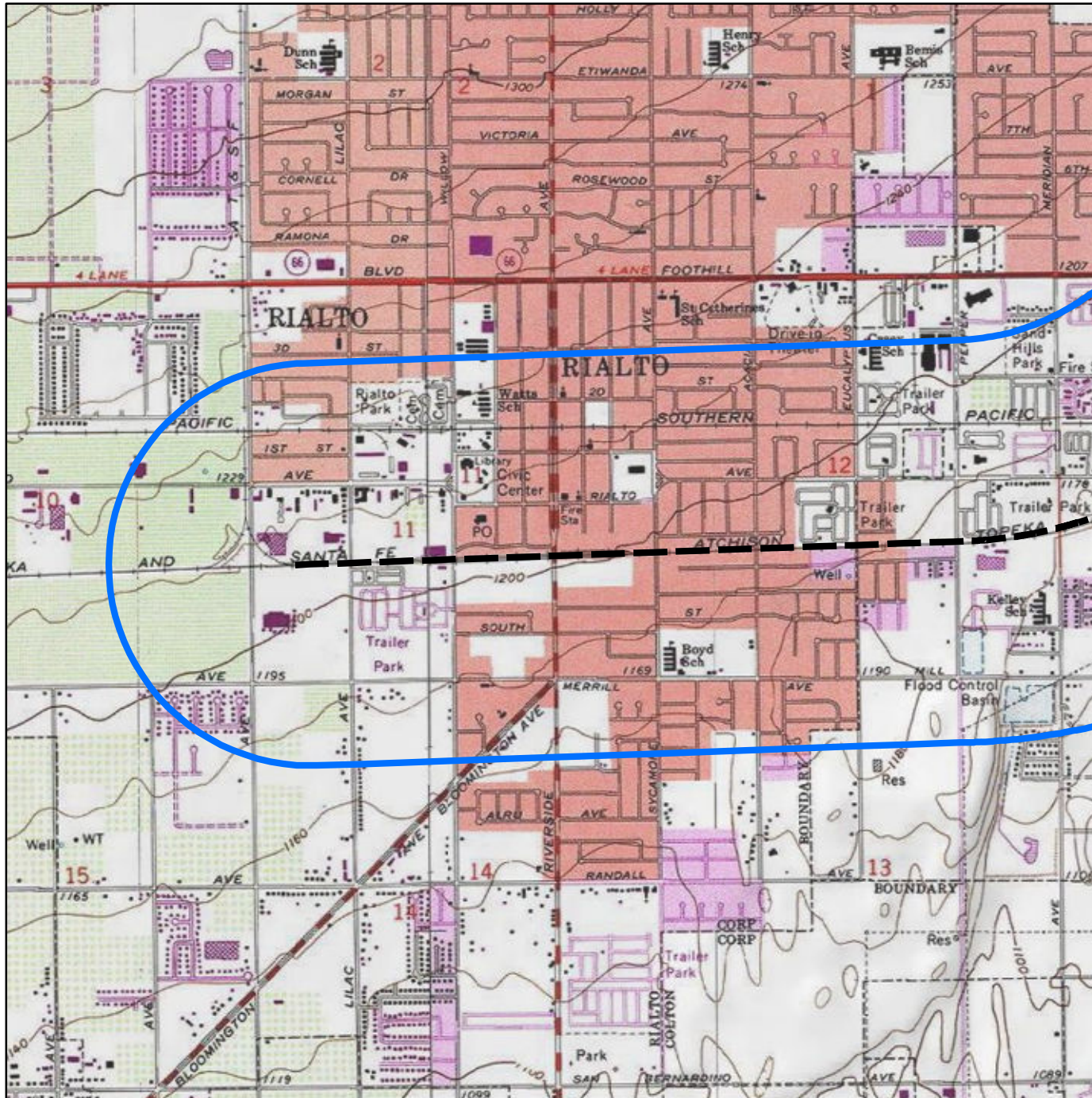
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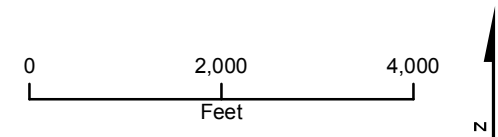
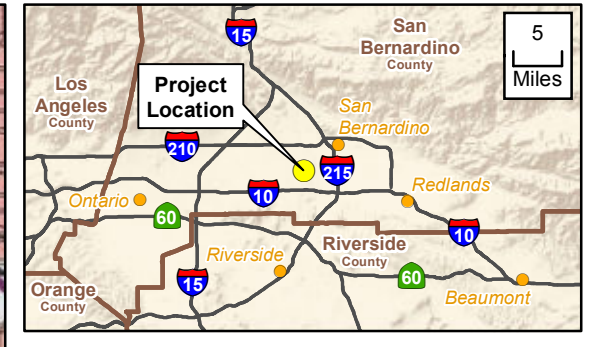
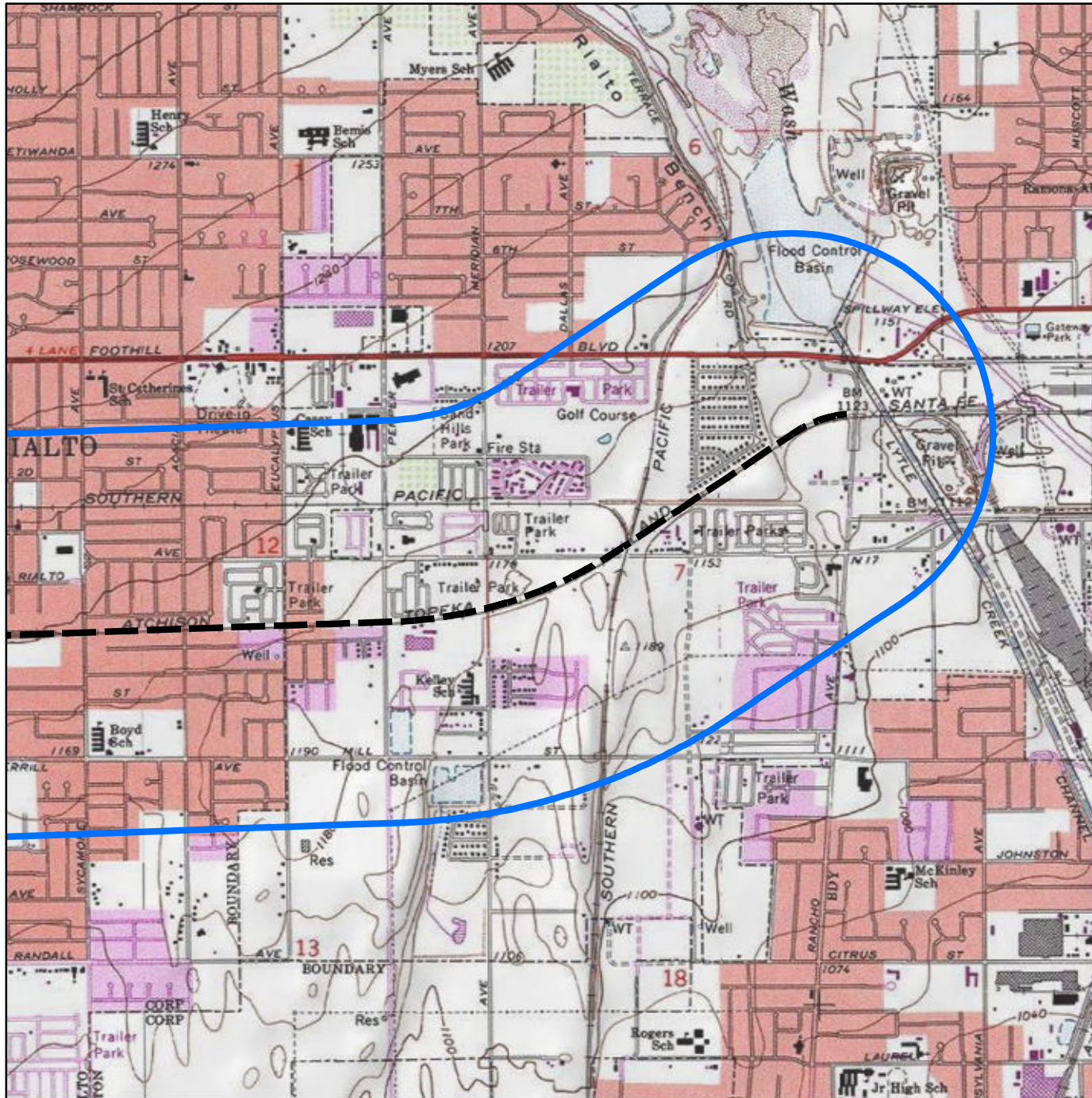


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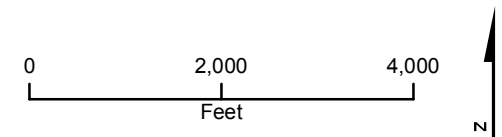


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CH2M HILL
6 Hutton Center Dr. Suite
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June 12, 2017

Steven Estrada, Chairman
Santa Rosa Band of Cahuilla Indians
P.O. Box 391820
Anza, CA 92539

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- The project is located on the Fontana and San Bernardino South, CA, 7.5 Minute USGS quadrangles. The legal descriptions are:
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- The project map is provided along with a 0.5-mile buffer as well as a Project Background and Description document.

A search of the Sacred Land files by the Native American Heritage Commission (NAHC) on April 28, 2017 failed to indicate the presence of Native American sacred sites in the immediate Project vicinity. A California Historical Resources Information System literature search was completed on November 29, 2016 by staff at the South Central Coastal Information Center (SCCIC) located at California State University, Fullerton, California. No cultural resources have been previously documented within the study area. An archaeological pedestrian survey was conducted on November 30, 2016 by CH2M. No cultural resources were identified within the Project. To date, no prehistoric resources have been identified within the Project, either by the archival research or the pedestrian survey.

State law, under Assembly Bill 52 (Public Resources Code Section 21080.3.1), allows California Native American tribes 30 days to request consultation regarding possible significant effects that implementation of the proposed project may have on tribal cultural resources. The request must be in writing to the following contact at SBCTA: Justin Fornelli, PE - Chief of Transit & Rail Programs,

1170 West Third Street, 2nd Floor, San Bernardino, CA 92410 or at jfornelli@gosbcta.com, and a contact person must be identified. SBCTA will begin the consultation process within thirty (30) days of receiving the tribe's request for consultation.

Should SBTCA not receive a response within thirty (30) days, it will be presumed that you have declined consultation.

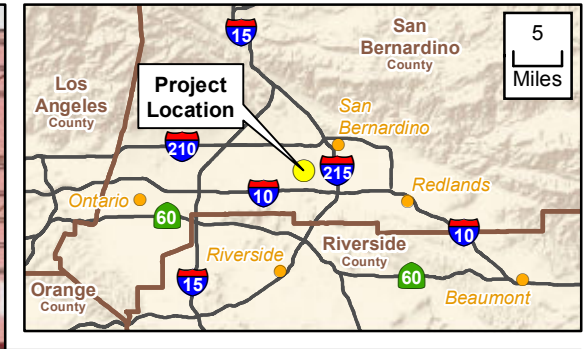
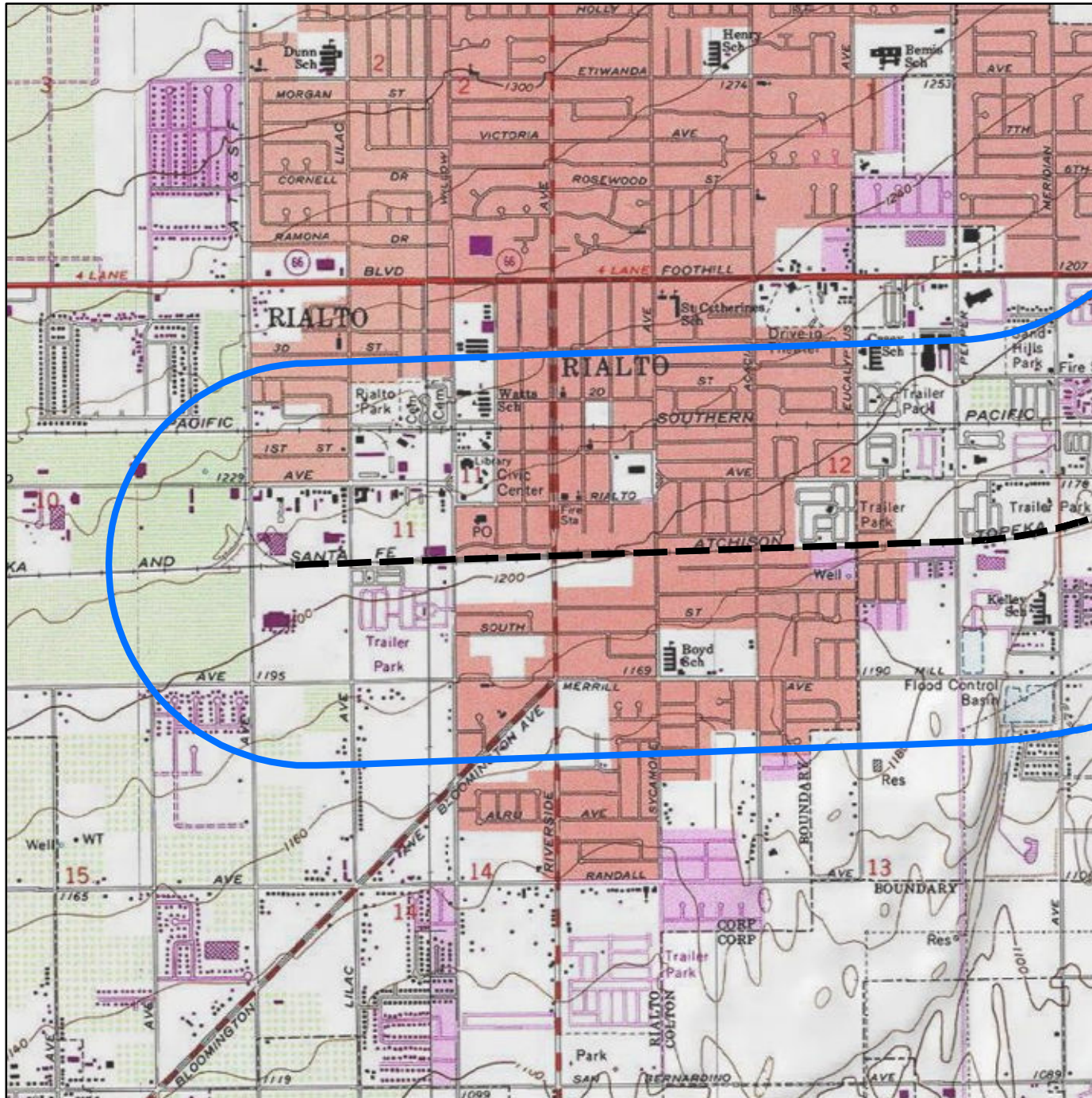
If you know of any traditional cultural properties or values (e.g., burial sites, religious sites, or gathering sites) within the Project area shown on the enclosed map, or if you have any questions regarding issues related to the overall Project, please contact me by phone at 714-435-6044 or by email at gloriella.cardenas@ch2m.com. Your project comments and concerns are important to us. We look forward to hearing from you in the near future.

Respectfully yours,

A handwritten signature in black ink, appearing to read "Gloriella Cardenas", written in a cursive style.

Gloriella Cardenas, M.A., RPA
Cultural Resources Specialist

Enclosure—Map of Project Area



Legend

- Project Location
- 0.5 Mile Buffer of Project Location

Fontana, CA 7.5 USGS Quad, 1967
 San Bernardino South, CA 7.5 USGS Quad, 1975
 Township 1 S, Range 5 W, Sections 11 and 12
 Township 1 S, Range 4 W, Section 7

Basemap Source: ESRI, USGS

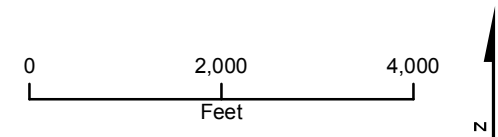
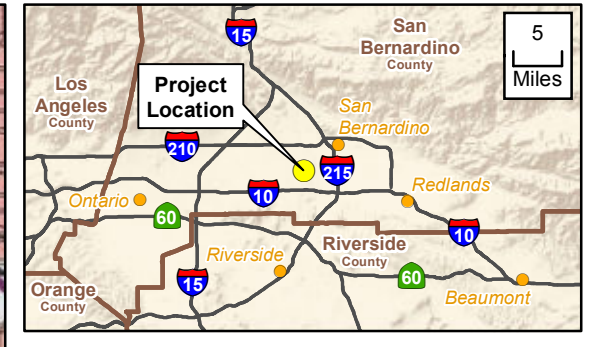
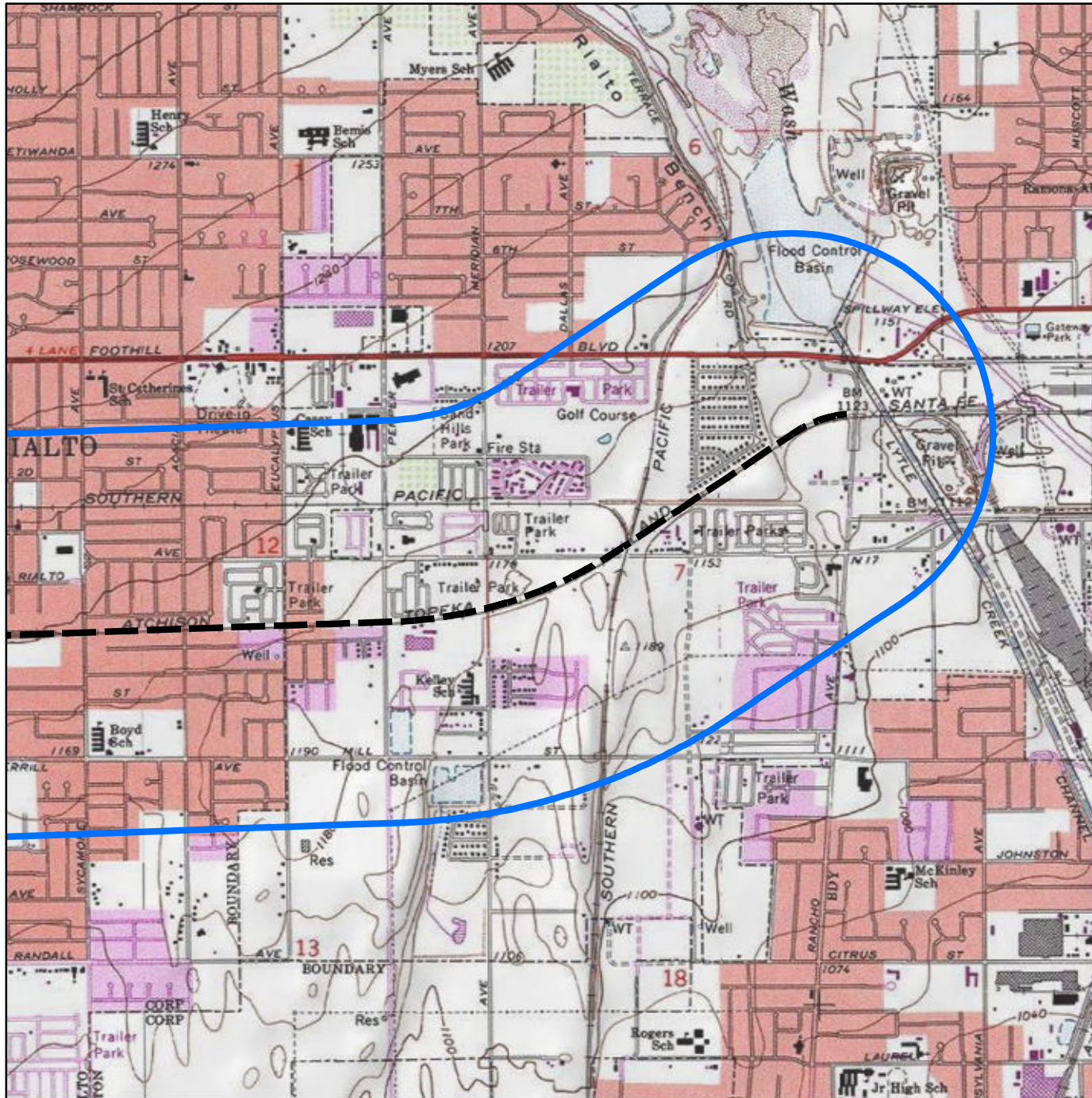


Figure 1 Sheet 01 of 02
Project Location
 SBCTA Double Track Project
 Rialto and San Bernardino, California



Legend

- Project Location
- 0.5 Mile Buffer of Project Location

Fontana, CA 7.5 USGS Quad, 1967
 San Bernardino South, CA 7.5 USGS Quad, 1975
 Township 1 S, Range 5 W, Sections 11 and 12
 Township 1 S, Range 4 W, Section 7

Basemap Source: ESRI, USGS

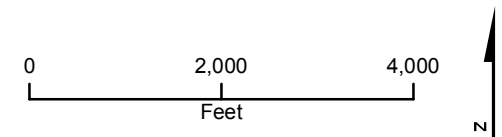


Figure 1 Sheet 02 of 02
Project Location
 SBCTA Double Track Project
 Rialto and San Bernardino, California



GABRIELEÑO BAND OF MISSION INDIANS - KIZH NATION

Historically known as The San Gabriel Band of Mission Indians
recognized by the State of California as the aboriginal tribe of the Los Angeles basin

Ch2m
San Bernardino
6 Hutton Center Dr. Suite 700
CA, 92707

June 21, 2017

Re: AB52 Consultation request for San Bernardino County Transportation Authority Lilac to Rancho Double Tracking Project Located at Milepost Rancho near MP 55.1 on Metrolink San Bernardino Line

Dear Gloriella Cardenas,

Please find this letter as a written request for consultation regarding the above-mentioned project pursuant to Public Resources Code § 21080.3.1, subd. (d). Your project lies within our ancestral tribal territory, meaning descending from, or a higher degree of kinship than traditional or cultural affiliation. Your project is located within a sensitive area and may cause a substantial adverse change in the significance of our tribal cultural resources. Most often, a records search for our tribal cultural resources will result in a "no records found" for the project area. The Native American Heritage Commission, ethnographers, historians, and professional archaeologists can only provide limited information that has been previously documented about California Native Tribes. This is the reason the Native American Heritage Commission (NAHC) will always refer the lead agency to the respective Native American Tribe of the area because the NAHC is only aware of general information and are not the experts on each California Tribe. Our Elder Committee & tribal historians are the experts for our Tribe and are able to provide a more complete history (both written and oral) regarding the location of historic villages, trade routes, cemeteries and sacred/religious sites in the project area. Therefore, to avoid adverse effects to our tribal cultural resources, we would like to consult with you and your staff to provide you with a more complete understanding of the prehistoric use(s) of the project area and the potential risks for causing a substantial adverse change to the significance of our tribal cultural resources.

Consultation appointments are available on Wednesdays and Thursdays at our offices at 901 N. Citrus Ave. Covina, CA 91722 or over the phone. Please call toll free 1-844-390-0787 or email gabrielenoindians@yahoo.com to schedule an appointment.

** Prior to the first consultation with our Tribe, we ask all those individuals participating in the consultation to view a video produced and provided by CalEPA and the NAHC for sensitivity and understanding of AB52. You can view the video at: <http://nahc.ca.gov/2015/12/ab-52-tribal-training/>

With Respect,

Andrew Salas, Chairman

Andrew Salas, Chairman

Albert Perez, treasurer

PO Box 393, Covina, CA 91723

Nadine Salas, Vice-Chairman

Martha Gonzalez Lemos, treasurer

www.gabrielenoindians.org

Christina Swindall Martinez, secretary

Richard Gradias, Chairman of the Council of Elders

gabrielenoindians@yahoo.com

August 22, 2017

Andrew Salas, Chairman
Gabrieleño Band of Mission Indians – Kizh Nation
P.O. Box 939
Covina, CA 91723

Re: San Bernardino County Transportation Authority - Lilac to Rancho Double Track Project

Dear Mr. Salas:

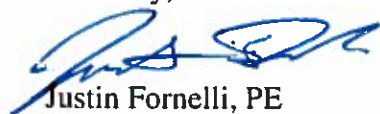
The San Bernardino County Transportation Authority (SBCTA) has received your written request for participation in consultation for the proposed Lilac to Rancho Double Track Project. SBCTA, as the project proponent within San Bernardino County and as the California Environmental Quality Act (CEQA) lead agency, will be conducting consultation with the Gabrieleño Band of Mission Indians – Kizh Nation in compliance with Public Resource Codes § 21080.3.1 (c) and § 21080.3.2 (d) as well as AB 52 under CEQA.

Your concerns regarding ancestral tribal territory and cultural affiliation to the project area are important to SBCTA. We have added the Gabrieleño Band of Mission Indians – Kizh Nation to the project notice list, and we welcome any information regarding traditional cultural properties or values (e.g., burial sites, religious sites, or gathering sites) within the Project area.

As requested in your letter, personnel involved in the consultation process at SBCTA will view the AB 52 Tribal Training, as provided by California Environmental Protection Agency and the Native American Heritage Commission, on the internet.

I would like to invite you and your staff to the SBCTA offices to provide a presentation on the scope of the proposed Project to initiate the consultation and understand any concerns you might have. Please contact me via email at jfornelli@gosbcta.com or via telephone at 909-884-8276, to determine the best time to schedule a meeting.

Sincerely,



Justin Fornelli, PE
Chief of Transit and Rail Programs

March 13, 2018

Andrew Salas, Chairman
Gabrieleño Band of Mission Indians – Kizh Nation
P.O. Box 939
Covina, CA 91723

Re: San Bernardino County Transportation Authority - Lilac to Rancho Double Tracking Project

Dear Mr. Salas:

The purpose of this letter is to provide an update since our last correspondence dated August 22, 2017, regarding the Lilac to Rancho Double Tracking Project (Project). There has been a change in project management at SBCTA, and I would like to introduce myself as the new Project Manager.

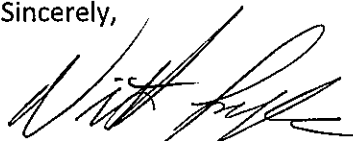
The San Bernardino County Transportation Authority (SBCTA) has received your written request for participation in consultation for the proposed Lilac to Rancho Double Tracking Project. SBCTA, as the project proponent within San Bernardino County and as the CEQA lead agency, will be conducting consultation with the Gabrieleño Band of Mission Indians – Kizh Nation in compliance with Public Resource Codes § 21080.3.1 (c) and § 21080.3.2 (d) as well as AB 52 under CEQA.

Your concerns regarding ancestral tribal territory and cultural affiliation to the Project area are important to SBCTA. We have added the Gabrieleño Band of Mission Indians – Kizh Nation to the project notice list, including the pending Draft CEQA document (Initial Study/Mitigation Negative Declaration) circulation notice in spring of this year (2018). We welcome any information regarding traditional cultural properties or values (e.g., burial sites, religious sites, or gathering sites) within the Project area.

As requested in your letter, personnel involved in the consultation process at SBCTA will view the AB 52 Tribal Training, as provided by California Environmental Protection Agency and the Native American Heritage Commission, on the internet.

I would like to invite you and your staff to the SBCTA offices to provide a presentation on the scope of the proposed Project to initiate the consultation and understand any concerns you might have. Please contact me via email at vlopez@gosbcta.com or via telephone at 909-884-8276, to determine the best time to schedule a meeting.

Sincerely,



Victor Lopez, PE
Program Manager

Appendix D

Additional Cultural Survey

Addendum to Cultural Resources Inventory Report for the San Bernardino County Transportation Authority - Lilac to Rancho Double Tracking Project

PREPARED FOR: San Bernardino County
Transportation Authority

COPY TO: Moffat & Nichol

PREPARED BY: Gloriella Cardenas/CH2M

DATE: April 10, 2018

Introduction

San Bernardino County Transportation Authority (SBCTA), as the owner of the rail corridor within San Bernardino County and the lead agency, is proposing to construct approximately three (3) miles of a second main line track along the San Gabriel Subdivision (SBL) railroad corridor, along the south side of the track, between Control Point (CP) Lilac Milepost (MP) 52.4 to approximately CP Rancho, near MP 55.1 in San Bernardino County, CA.

The proposed project corridor would include improvements within the City of Rialto and City of San Bernardino, San Bernardino County, California.

The project is located on the Fontana and San Bernardino South, CA, 7.5 Minute USGS quadrangles. The legal descriptions are:

Township 1S, Range 5W Sections 11 and 12; Township 1S, Range 4 W, Section 7

The project is located within developed commercial, industrial and residential communities. This technical memo is an addendum to the original report to address additions to the area of potential effects (APE).

CH2M conducted the principal survey on November 30, 2016, as reported in the Cultural Resources Inventory Report for the San Bernardino County Transportation Authority - Lilac to Rancho Double Tracking Project (Cardenas 2017). This document reports the findings of an addendum survey for the Quiet Zone Feasibility Study at two (2) at-grade crossings, Cactus Avenue on the west and Rancho Avenue on the east.

CH2M archaeologist Gloriella Cardenas M.A., RPA, who meets the qualifications for Archaeological Principal Investigator in the Secretary of the Interior's Professional Qualification Standards conducted the addendum survey for completion of the addendum intensive pedestrian survey of the Quiet Zone Improvement areas which are the newly added areas of potential effects (APE) on March 23, 2018 (Attachment A).

The additional survey areas comprise a total of 0.2 acres and consist of two Quiet Zone Improvement areas, one at mile post 54.1 on Cactus Avenue, and the second at mile post 55.3 on Rancho Avenue.

Attachment A contains the APE map.

Environmental Setting

The west of the San Bernardino Mountains, San Bernardino County has historically consisted of primarily agricultural or ranching land use. Rialto was incorporated in 1911 as a community tied to agriculture.

The Project's current setting is within a largely residential setting with schools, trailer parks, fire station, golf course, recreational facilities, utilities, roads, and other community features. The Project area is in a largely disturbed setting where existing natural habitats have been largely displaced by agricultural and associated activities.

The climate in the Project area is defined by warm summers with average highs of 90 degrees Fahrenheit (°F) and mild winters with average temperatures of 50°F. Rainfall averages 13.28 inches annually (U.S. Climate Data 2017). Precipitation usually occurs in the form of winter rain.

Methodology

The fundamental goals of a pedestrian survey are to identify and document previously unrecorded cultural resources and to analyze cultural materials, not only to better characterize potential Project effects, but also to attempt to confirm or elaborate on our current understanding of the prehistory and history of the region. From a management perspective, the ability of specific resources to address research questions provides a basis to evaluate CRHR and NRHP eligibility.

The pedestrian survey for prehistoric and historic archaeological resources was performed using pedestrian transects spaced at 15-meter intervals throughout the APE. The APE was surveyed for cultural resources by visually inspecting the ground surface and subsurface exposures, including rodent burrows and cut banks. Ground surface visibility was generally poor due to urban development consisting of pavement, gravel, roads, cement foundations, rail line construction and other built environment features.

Results

The cultural survey area is located within the built environment. Ground visibility throughout the APE was generally poor as the APE was largely paved or graveled. Survey was conducted in 15-meter transects. Disturbances to the survey area have affected 100 percent of the horizontal in the form of grading and railroad constructions, and an unknown percentage of the vertical.

No new cultural resources were discovered as a result of this investigation.

Figure 1. Addendum Survey Area at Cactus Ave, MP 54.1.



Figure 2. Addendum Survey Area at Rancho Ave, MP 55.3.



Management Considerations

No archaeological or historic sites were discovered as a result of this investigation. CH2M concludes that the proposed project addendum, as described and reported in this technical memorandum, will not adversely affect historical resources; CH2M recommends a finding of “no adverse effects” for the addendum as well as the original survey (Cardenas 2017). As with any ground-disturbing activities, there is some theoretical potential for the discovery of buried cultural resources not detected through a surface inventory. If cultural resources or archaeological materials are discovered during ground-disturbing activities, the work near the discovery should cease, and the area should be protected until the find can be evaluated by a qualified archaeologist.

References

Cardenas, Gloriella. 2017. Cultural Resources Inventory Report for the San Bernardino County Transportation Authority - Lilac to Rancho Double Tracking Project. Prepared for San Bernardino County Transportation Authority by CH2M HILL, Inc., Santa Ana, California.

U.S. Climate Data. 2015. Redlands Weather Averages. Online database accessed on May 18, 2017 at: <http://www.usclimatedata.com/climate.php?location=USCA0923>

Appendix F

Paleontological Resources Review

Lilac to Rancho Double Track Project - Paleontological Resources Review

PREPARED FOR: San Bernardino County Transportation Authority
COPY TO: Moffatt & Nichol
PREPARED BY: CH2M
DATE: March 13, 2018

Introduction

This technical memorandum presents the potential effects on paleontological resources (fossils) from the construction and operation of the Lilac to Rancho Double Track Project (Proposed Project). Section 1 discusses applicable laws, ordinances, regulations, and standards (LORS). Section 2 lists involved agencies and agency contacts. Section 3 discusses the affected environment. Section 4 discusses the records and resource inventory review. Section 5 includes the environmental analysis and impact assessment. Section 6 considers cumulative effects on paleontological resources. Section 7 presents the proposed mitigation measures, Section 8 lists permits, and Section 9 provides the references consulted.

Preparer Qualifications

James Verhoff: James Verhoff is a Staff Paleontologist with CH2M HILL. He earned his Bachelor's Degree in Geology, specializing in Paleobiology, at Bowling Green State University, and did graduate work at Kent State University. With CH2M HILL he has served as the project paleontologist for projects in California and Nevada. He has developed paleontological inventory reviews and paleontological monitoring and treatment plans, which complied with NEPA, CEQA, and the requirements of the California Energy Commission, for NODOS, Devers-Palo Verde 2, the California High Speed Rail, the Alta East and Hidden Hills wind power project, and a number of wind and solar power plants, as well as assisting with other projects in both California and Nevada. He has conducted paleontological surveys in Riverside and Los Angeles Counties, and acted as paleontological monitor for a number of construction projects. James has also served as the Paleontological Resources Specialist for the Huntington Beach Energy Project in 2015 and 2016.

1.0 Laws, Ordinances, Regulations, and Standards

This report meets all siting regulations of the California Energy Commission (CEC) (2000, 2007) and conforms with the recommendations of the Society of Vertebrate Paleontology (SVP, 2010) that address the assessment of and mitigating impacts on paleontological resources resulting from earth-moving activities.

Paleontological resources are non-renewable scientific resources and are protected by several federal and state statutes, most notably by the 1906 Federal Antiquities Act and other subsequent federal legislation and policies, and by State of California environmental regulations (CEQA, Section 15064.5). Professional standards for assessment and mitigation of adverse impacts on paleontological resources have been established by the SVP (n.d.). Design, construction, and operation of CCGS will be conducted

in accordance with all LORS applicable to paleontological resources. Federal, state, and local LORS applicable to paleontological resources are summarized in Table 1 and discussed briefly below, along with professional standards for paleontological resources assessment and impact mitigation.

Table 1. Laws, Ordinances, Regulations, and Standards Applicable to Paleontological Resources

LORS	Applicability	AFC Reference	Project Conformity
Omnibus Public Land Management Act of 2009 (H.R. 146), Title 6, Subtitle D	Applicable – A NEPA Categorical Exclusion is being prepared	—	Yes
Antiquities Act of 1906	Applicable – A NEPA Categorical Exclusion is being prepared	—	Yes
National Environmental Policy Act of 1969	Applicable – NEPA Categorical Exclusion is being prepared	—	Yes
CEQA, Appendix G	Applicable – Requires assessment of the potential to affect paleontological resources during earth-moving activities	Sections 5.8.2, 5.8.3, and 5.8.5	Yes
Federal Land Management and Policy Act	Applicable – A NEPA Categorical Exclusion is being prepared	--	Yes
Public Resources Code, Sections 5097.5/5097.9	Not applicable – Applies to state-owned land	—	—
County of San Bernardino's Development Code	Applicable-- Requires assessment of the potential to affect paleontological resources during earth-moving activities	---	Yes

1.1 Federal LORS

Paleontological resources are protected by federal regulations, most of which apply only to excavations and construction on federal land. Because the project will involve excavation on federal land, these federal laws, ordinances, regulations, and standards are applicable to the study area.

Paleontological resources were first protected by the Federal Antiquities Act of 1906 (Public Law [P.L.] 59-209; 16 United States Code [U.S.C.] 431 et seq.; 34 Stat. 225), which calls for the protection of historic landmarks, historic and prehistoric structures, and other objects of historic or scientific interest on federal lands. Fossils, as prehistoric structures and objects of scientific interest, are therefore protected by this act.

Further federal protection of paleontological resources is provided by the Federal Land Management and Policy Act (43 U.S.C. 1712[c], 1732[b]); sec. 2, Federal Land Management and Policy Act of 1962 [30 U.S.C. 611]; Subpart 3631.0 et seq.), Federal Register Vol. 47, No. 159 (1982). This regulation charges federal agencies to manage public lands in a manner that protects the quality of scientific, scenic, historical, ecological, environmental, air and atmospheric, archaeological, and water resources and, where appropriate, to preserve and protect certain public lands in their natural conditions (Section 102[a][8][11]); to periodically inventory public lands so that the data can be used to make informed land-use decisions (Section 102[a][2]); and to regulate the use and development of public lands and resources through easements, licenses, and permits (Section 302[b]). Although paleontological resources are not mentioned specifically, scientifically significant fossils are understood to be scientific resources to be protected under this act.

The National Historic Preservation Act of 1966 includes more-specific regulations protecting paleontological resources. The statute provides for the survey, recovery, and preservation of significant paleontological data when such data could be destroyed or lost due to a federal, federally licensed, or federally funded project (P. L. 89 665; 80 Stat. 915, 16 U.S.C. 470 et seq.)

The *Code of Federal Regulations* Title 43, Section 8365.1-5 prohibits the collection of scientific resources, including vertebrate fossils, without a permit, as well as the use of fossils found on federal land for commercial purposes. However, the collection of reasonable amounts of common invertebrate fossils for non-commercial purposes is allowed.

Most recently, Title 6, Subtitle D of the Omnibus Public Land Management Act of 2009 (H.R. 146; OPLMA), titled the Paleontological Resources Preservation, requires the secretaries of the Department of the Interior (exclusive of Indian trust lands) and the Department of Agriculture (insofar as U.S. Forest System lands are concerned) to "...manage and protect paleontological resources on Federal land using scientific principals and expertise... (and) develop appropriate plans for inventory, monitoring, and the scientific and educational use of paleontological resources...". The OPLMA further excludes casual collection from restrictions under the law, and then describes the requirements for permitting collection on federal lands, stipulations regarding their use in education, continued federal ownership of recovered paleontological resources, and standards for acceptable repositories of collected specimens and associated data (OPLMA, Sections 6303-6305). The OPLMA also provides for criminal and civil penalties for unauthorized removal of paleontological resources from federal land, and rewards for reporting the theft of fossils (Sections 6306-6309).

1.2 State LORS

The CEC environmental review process under the Warren-Alquist Act is considered functionally equivalent to that of CEQA (Public Resources Code Sections 21000 et seq.). CEQA requires that public agencies and private interests identify the environmental consequences of their proposed projects on any object or site of significance to the scientific annals of California (Division I, California Public Resources Code: 5020.1 [b]). The CEQA Guidelines (Public Resources Code Sections 15000 et seq.) define procedures, types of activities, persons, and public agencies required to comply with CEQA.

Although CEQA does not define what is "a unique paleontological resource or site," Section 21083.2 defines "unique archaeological resources" as "...any archaeological artifact, object, or site about which it can be clearly demonstrated that, without merely adding to the current body of knowledge, there is a high probability that it meets any of the following criteria:

1. Contains information needed to answer important scientific research questions and that there is a demonstrable public interest in that information
2. Has a special and particular quality such as being the oldest of its type or the best available example of its type
3. Is directly associated with a scientifically recognized important prehistoric or historic event"

With only slight modification, this definition is equally applicable to recognizing "a unique paleontological resource or site." Additional guidance is provided in CEQA Section 15064.5 (a)(3)(D), which indicates "generally, a resource shall be considered historically significant if it has yielded, or may be likely to yield, information important in prehistory or history."

The CEQA lead agency having jurisdiction over a project is responsible for ensuring that paleontological resources are protected in compliance with CEQA and other applicable statutes. The lead agency with the responsibility to ensure that fossils are protected during construction of the proposed CCGS is the CEC. California Public Resources Code Section 21081.6, entitled Mitigation Monitoring Compliance and

Reporting, requires that the CEQA lead agency demonstrate project compliance with mitigation measures developed during the environmental impact review process.

Other state requirements for paleontological resource management are in California Public Resources Code Chapter 1.7, Section 5097.5/5097.9 (Stats. 1965, c. 1136, p. 2792), entitled Archaeological, Paleontological, and Historical Sites. This statute defines any unauthorized disturbance or removal of a fossil site or remains on public land as a misdemeanor and specifies that state agencies may undertake surveys, excavations, or other operations as necessary on state lands to preserve or record paleontological resources. Public Resources Code, Sections 5097.5/5097.9 does not apply to CCGS because construction or other related project impacts will not occur on state owned or managed lands and no state agency is intended to obtain ownership of project lands during the term of the project license (Table 1).

1.3 Local LORS

The County of San Bernardino's Development Code requires a review of potential impacts to paleontological resources as part of its CEQA review for proposed projects. The City of Rialto does not have specific regulations governing paleontological resources.

1.4 Professional Standards

The SVP, an international organization of professional paleontologists, has established standard guidelines (SVP, 2010) that outline acceptable professional practices in the conduct of paleontological resource assessments and surveys, monitoring and mitigation, data and fossil recovery, sampling procedures, and specimen preparation, identification, analysis, and curation. Most practicing paleontologists in the nation adhere to the SVP's guidelines, and extend those to address other types of fossils of scientific significance, such as invertebrate fossils and paleobotanical specimens.

In addition, the Bureau of Land Management (BLM) has developed the Potential Fossil Yield Classification (PFYC) system (BLM, 2009). This system provides guidance for determining the paleontological sensitivity of geologic units and for developing monitoring and mitigation plans (BLM, 2009). While this system is required only for projects affecting land managed by the BLM, many aspects of this system have been adopted as general standards in the paleontological community.

2.0 Agencies and Agency Contacts

There are no agencies having blanket jurisdiction over paleontological resources. If encountered, scientifically significant fossil specimens and associated site records will be submitted to the San Bernardino County Museum (SBCM) (Table 2).

Table 2. Agency Contacts for Paleontological Resources

Issue	Agency	Contact
Paleontological Resources Documentation and Specimen Repository	San Bernardino County Museum	Ian Gilbert 909-798-8616

3.0 Affected Environment

The Proposed Project area lies on the broad alluvial fans associated with the Lytle Creek Wash. These alluvial fans, along with fans of other small creeks and washes, flank the San Gabriel and San Bernardino Mountains. The Proposed Project area itself cuts across the Rialto-Colton Terrace and extends to the Lytle Creek Wash itself (Morton, 1990; Morton, 1978).

The Transverse Ranges are a complex series of mountain ranges in southern California, reflecting the interactions of numerous faults in the region. In contrast to other large mountain ranges in California, which trend generally north/south, the Transverse Ranges trend east/west, due to the east/west orientation of the San Andreas Fault in the region (Morton and Miller, 2006). In this region, the Pacific and North American tectonic plates converge, creating a general zone of compression (Harden, 1998). This compression not only rotated this region relative to the original positions of the deposits and uplifted various mountain ranges, it also produced numerous off-shore and intermountain valleys (Harden, 1998). These valleys formed approximately 4 million years ago, and have accumulated sediment eroded from the uplifting mountains from that time to the present (Harden, 1998). Many of these basins are important economically, as the Miocene-age sediments within them produce oil (Harden, 1998).

The geology of the Rialto-Colton Terrace is dominated by alluvial fans associated with the Lytle Creek Wash (Morton, 1990; Morton, 1978). These fans are broad, relatively flat features that interconnect to form a more or less continuous sheet of Quaternary sediment covering older valley fill (Morton, 1990; Morton, 1978). The main distinction between Holocene and Pleistocene sediments in this region is the degree of consolidation; older sediments tend to be well-consolidated, with younger sediments becoming progressively less so (Morton and Miller, 2006). Surficial traits typically used to date alluvial fans, such as dissection of the alluvial fan surface, are not viable in this area due to extensive development within the valley.

4.0 Records and Inventory Review

4.1 Methods

Published and available unpublished geological and paleontological literature was reviewed to develop a baseline paleontological resource inventory of the Proposed Project area and surrounding lands to a distance of one mile, and to assess the potential paleontological productivity of the stratigraphic units that may be present. Sources included geological maps, satellite photography, technical and scientific reports, and electronic databases. A paleontological resource record review was conducted for the Proposed Project using the online database maintained by the University of California Museum of Paleontology at Berkeley (UCMP), and through a records search request from the San Bernardino County Museum (SBCM). The response letter from the SBCM is provided in Attachment A.

Due to the development in the Proposed Project area, no field survey occurred as part of this review. While several washes are within one mile of the Proposed Project area, the highly variable nature of alluvial fans makes it almost certain that these exposures will not be representative of the sediment underlying the Proposed Project area.

4.2 Geologic Units in the Project Vicinity

The Proposed Project area (Figure 1, Geology Overview) lies on a relatively flat alluvial fan in the western edge of the Rialto-Colton Terrace and, at its eastern extent, the Lytle Creek Wash. The Rialto-Colton Terrace, including the Proposed Project area, is heavily developed, and therefore a layer of disturbed sediment and fill covers the entire Proposed Project area to an unknown depth. The Lytle Creek Wash itself is constrained to a concrete-lined channel beginning several hundred yards north of the eastern terminus of the Proposed Project area.

Throughout the Proposed Project area and study area, below this fill lies Holocene-age alluvial fan deposits associated with the San Gabriel and San Bernardino Mountains (Morton and Miller, 2003). These sediments range from Pleistocene to Holocene in age, and consist of gray to tan cobbly sand (Morton, 1990; Morton, 1978). Near the Santa Ana River Pleistocene-aged sediments include pockets of gray silt representing ancient lakes (Morton, 1978); however, there is no record of such deposits near the Lytle Creek Wash.

Underlying these sediments are presumably progressively more ancient alluvial fan deposits, deposited in similar settings. The precise depth of these sediments will be variable, due to the variable nature of the depositional setting; however, they generally lie below the level of proposed excavations.

North of the Proposed Project area lie mountains composed of igneous and metamorphic rock. Similar geologic units presumably underlie the project area at great depth. Because these units are not expected to be affected by Project-related activities, they were not considered further in this analysis.

4.3 Records Review Results

A search of the UCMP database was conducted on May 2017. Typically, such searches consist of queries for fossil site records within formations exposed within or near the Proposed Project area; however, in this case such queries were not possible. Geologic names such as “Young alluvial fan deposits” are not amenable to database searches. Therefore, more general search terms were used.

San Bernardino County has produced over 700 recorded localities in the UCMP database (2017). Approximately half of these localities are invertebrate localities. None of known vertebrate localities are associated with the Rialto-Colton Terrace, the City of San Bernardino, the City of Rialto, or Lytle Creek.

The Los Angeles County Museum of Natural History (LACM) conducted a records review in May 2017. Their records do not include any paleontological resources within one mile of the Proposed Project area.

5.0 Environmental Analysis

5.1 Paleontological Sensitivity

Paleontological sensitivity is the qualitative assessment made by a professional paleontologist taking into account the paleontological potential of the stratigraphic units present, the local geology and geomorphology, and any other local factors that may be germane. According to SVP (2010) standard guidelines sensitivity comprises (1) the potential for yielding abundant or significant vertebrate fossils or for yielding a few significant fossils, large or small, vertebrate, invertebrate, or paleobotanical remains, and (2) the importance of recovered evidence for new and significant taxonomic, phylogenetic, paleo-ecological, or stratigraphic data (Table 3).

Table 3. Paleontological Sensitivity Ratings Employed

	Definition
High	Assigned to geological formations known to contain paleontological resources that include rare, well-preserved, and/or fossil materials important to on-going paleoclimatic, paleo-biological and/or evolutionary studies. They have the potential to produce, or have produced vertebrate remains that are the particular research focus of many paleontologists, and can represent important educational resources.
Moderate	Stratigraphic units that have yielded fossils that are but moderately well preserved, are common elsewhere, and/or that are stratigraphically long ranging would be assigned a moderate rating. This evaluation also can be applied to strata that have an unproven but strong potential to yield fossil remains based on the stratigraphy and/or geomorphologic setting.
Low	Sediment that is relatively recent, or that represents a high-energy subaerial depositional environment where fossils are unlikely to be preserved. A low abundance of invertebrate fossil remains, or reworked marine shell from other units, can occur but the paleontological sensitivity would remain low due to their lack of potential to serve as significant scientific or educational purposes. This evaluation also can be applied to strata that have been monitored and that have failed to yield scientifically significant fossil remains.

Table 3. Paleontological Sensitivity Ratings Employed

	Definition
Marginal and Zero	Stratigraphic units with marginal potential include pyroclastic flows and soils that might preserve traces or casts of plants or animals. Most igneous rocks, however, have zero paleontological potential. Other stratigraphic units deposited subaerially in a high-energy environment (such as alluvium) also may be assigned a marginal or zero sensitivity rating. Manmade fill is also considered to possess zero (no) paleontological potential.

As noted above, within 1 mile of the Proposed Project area geological units are limited to Holocene alluvium and stream deposits and older igneous units. There are no known paleontological localities within 1 mile of the Proposed Project site.

5.2 Paleontological Resource Significance Criteria

In its standard guidelines for assessment and mitigation of adverse impacts to paleontological resources, the SVP (1995) notes that an individual fossil specimen is considered scientifically important and significant if it is: (1) identifiable, (2) complete, (3) well preserved, (4) age-diagnostic, (5) useful in paleo-environmental reconstruction, (6) a member of a rare species, (7) a species that is part of a diverse assemblage, or (8) a skeletal element different from, or a specimen more complete than, those now available for that species. For example, identifiable land mammal or terrestrial plant fossils are considered scientifically important because of their potential use in determining the age and paleoenvironment of the sediments in which they occur. Moreover, vertebrate and plant remains are comparatively rare in the fossil record. Fossil plants are particularly important in this regard and, as sessile (anchored in place) organisms, are actually more sensitive indicators of their paleoenvironment and, thus, more important than mobile mammals for paleo-environmental reconstructions.

For marine and shoreline sediments, invertebrate mega fossils (e.g., mollusks, cephalopods) are scientifically important for the same reasons that land mammal and/or land plant fossils are valuable in terrestrial deposits. Marine microfossils such as foraminifera or radiolaria are much more common, and consequently usually not considered for resource protection because of their relative abundance. The value or importance of different fossil groups varies depending on the age and depositional environment of the stratigraphic unit that contains the fossils, their abundance in the record, and their degree of preservation.

Using these criteria and the sensitivity ratings provided above, the significance of potentially adverse impacts of earth moving on the paleontological resources was assessed. Any unmitigated impact on a fossil site, or on a fossil-bearing rock unit of high or moderate sensitivity, would be considered significant.

5.3 Paleontological Resource Impact Assessment

The significance of impacts of Project-related activities on the paleontological resources of each stratigraphic unit anticipated to be present at the Proposed Project site is presented in this section. This assessment includes the entirety of the Proposed Project area. All facility components within the Proposed Project area are expected to impact previously disturbed sediments of unknown thickness, and Holocene alluvial sediments underlying the disturbed sediments.

Previously Disturbed Sediment – Construction-related excavations within disturbed sediments or artificial fill will not result in adverse impacts on paleontological resources. Reworked and disturbed fossil material can be present in previously disturbed sediment or fill, but lack of stratigraphic context and likely mechanical damage would remove all scientific values. No impacts to paleontological resources will occur during excavations within these sediments.

Holocene and Quaternary Alluvium: Below the artificial fill and disturbed sediment at the Proposed Project area are alluvial fans associated with erosion of the nearby hills. These sediments have not produced fossils in the past, and sediments in these deposits are typically coarse-grained (Morton, 1990; Morton, 1978); these sediments therefore have low paleontological sensitivity.

6.0 Cumulative Effects

Widespread development throughout southern California has resulted in proportionately extensive impacts on paleontological resources, and this is anticipated to continue, albeit not at the rate that existed prior to the current economic recession, and not at the rate that existed before implementation of the California Environmental Quality Act (CEQA). The extensive nature of these cumulative impacts is due to this extensive development combined with the widespread presence of numerous fossiliferous sedimentary units in the region. However, measures typically implemented pursuant to state statutes (see Section 1) serve to mitigate these impacts through the recovery of the scientific and educational potential of the affected paleontological resources. Although not all projects are subject to CEQA review, and only a proportion of those incorporate paleontological protection measures, application of paleontological monitoring and mitigation measures is common and therefore mitigates the cumulative and direct impacts of continued development.

The potential of this Proposed Project to contribute to cumulative impacts on paleontological resources is low, given the low paleontological sensitivity of the sediments to be disturbed. In the unlikely event that fossils are discovered, with the mitigation described below, the contribution of the Proposed Project to cumulative negative impacts on paleontological resources would be negligible.

7.0 Mitigation Measures

The mitigation measures proposed below in compliance with CEC environmental guidelines (CEC, 2000; 2007) and with SVP standard guidelines for mitigating potential construction-related impacts on paleontological resources (SVP, 2010). Implementation of these mitigation measures would assure that the potential impacts from Project-related ground disturbance on paleontological resources would be maintained at an insignificant level.

7.1 Project Paleontological Resources Specialist

No less than 60 days prior to the start of construction, the Proposed Project proponent will submit the name and resume of a qualified paleontological resources specialist (PRS) to the CEC for review and approval. This individual will prepare the paleontological resources module of the worker education program and be available during the course of ground-disturbing construction in case there is an unanticipated paleontological discovery. The name and contact information of the PRS will be provided to all construction management personnel, the compliance manager, and the cultural resource monitors (if any).

7.2 Construction Personnel Education

Prior to working on the site for the first time, all personnel involved in earth-moving activities will be provided with Paleontological Resources Awareness Training. This training ideally would be provided as a module in the worker environmental awareness training. They will be informed that fossils may be encountered, provided with information on the appearance of fossils, the role of paleontological monitors, and on proper notification procedures. This worker training will be prepared and initially presented by the PRS. Subsequent training may be conducted via video presentation and hard-copy training materials.

7.3 Develop and Implement a Paleontological Resources Monitoring and Mitigation Plan

No less than 30 days before the start of construction, the Proposed Project proponent will submit for review a Paleontological Resources Monitoring and Mitigation Plan (PRMMP). This plan will outline monitoring procedures and protocols to be followed in the event that paleontological resources are discovered. At minimum the PRMMP will stipulate that when paleontological resources are encountered all work in the area will halt immediately and the paleontological resources monitor(s) (PRMs) will be notified. Construction will not resume until the PRS releases the area. The PRMMP will also outline communications protocols to be followed during monitoring and in the case of discovery of paleontological resources, and reporting requirements (at minimum including daily reports, monthly compliance reports, and a final report).

Due to the low paleontological sensitivity of the sediments likely to be encountered during Project-related excavations, the PRMMP will only be implemented if fossils are discovered.

7.4 Develop a final Paleontological Resources Report

If no paleontological resources are discovered during Project-related activities, no final Paleontological Resources Report will be drafted. The lead agency will be notified via email that no fossils were discovered.

If paleontological resources are discovered during Project-related activities, at the conclusion of the Proposed Project a final Paleontological Resources Report will be drafted. Tentative identifications (if possible), and the name of the repository they were deposited in will be identified as well. Monitoring WILL NOT be considered completed until the drafting of this report.

8.0 Permits and Permit Schedule

No state, county, or city agency requires a paleontological collecting permit to allow for the recovery of fossil remains discovered as a result of construction-related earth moving on this Proposed Project site.

9.0 References

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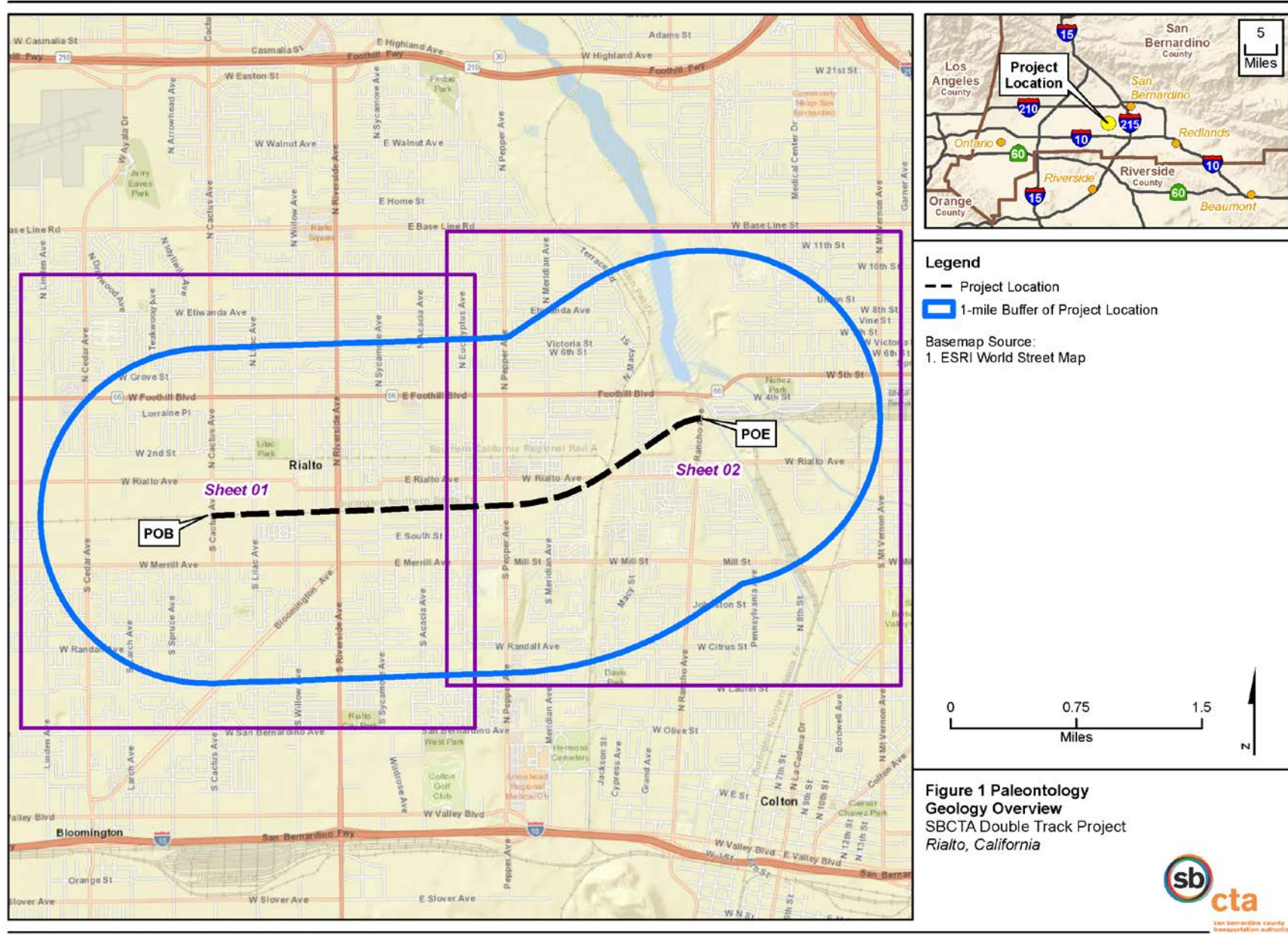
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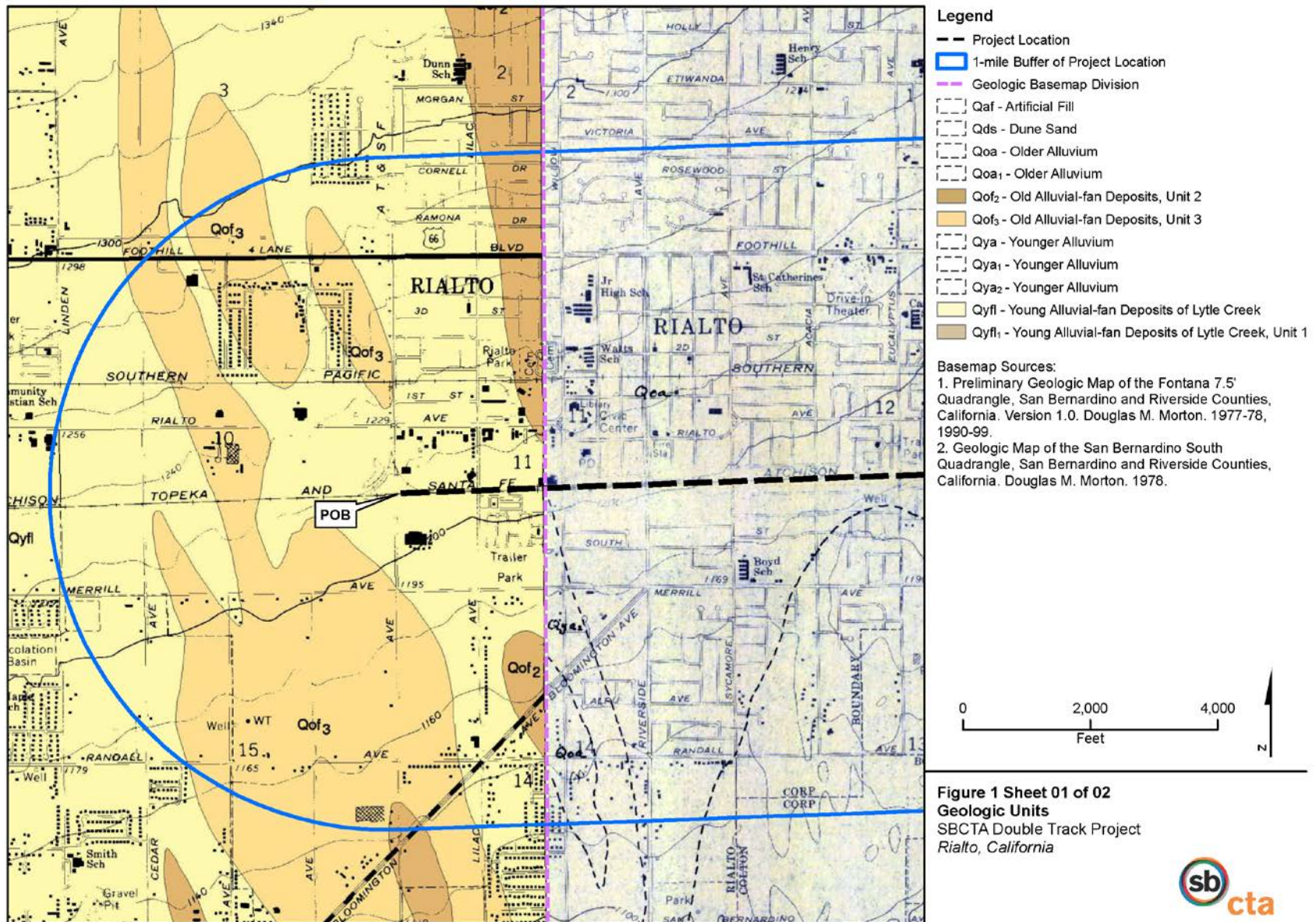
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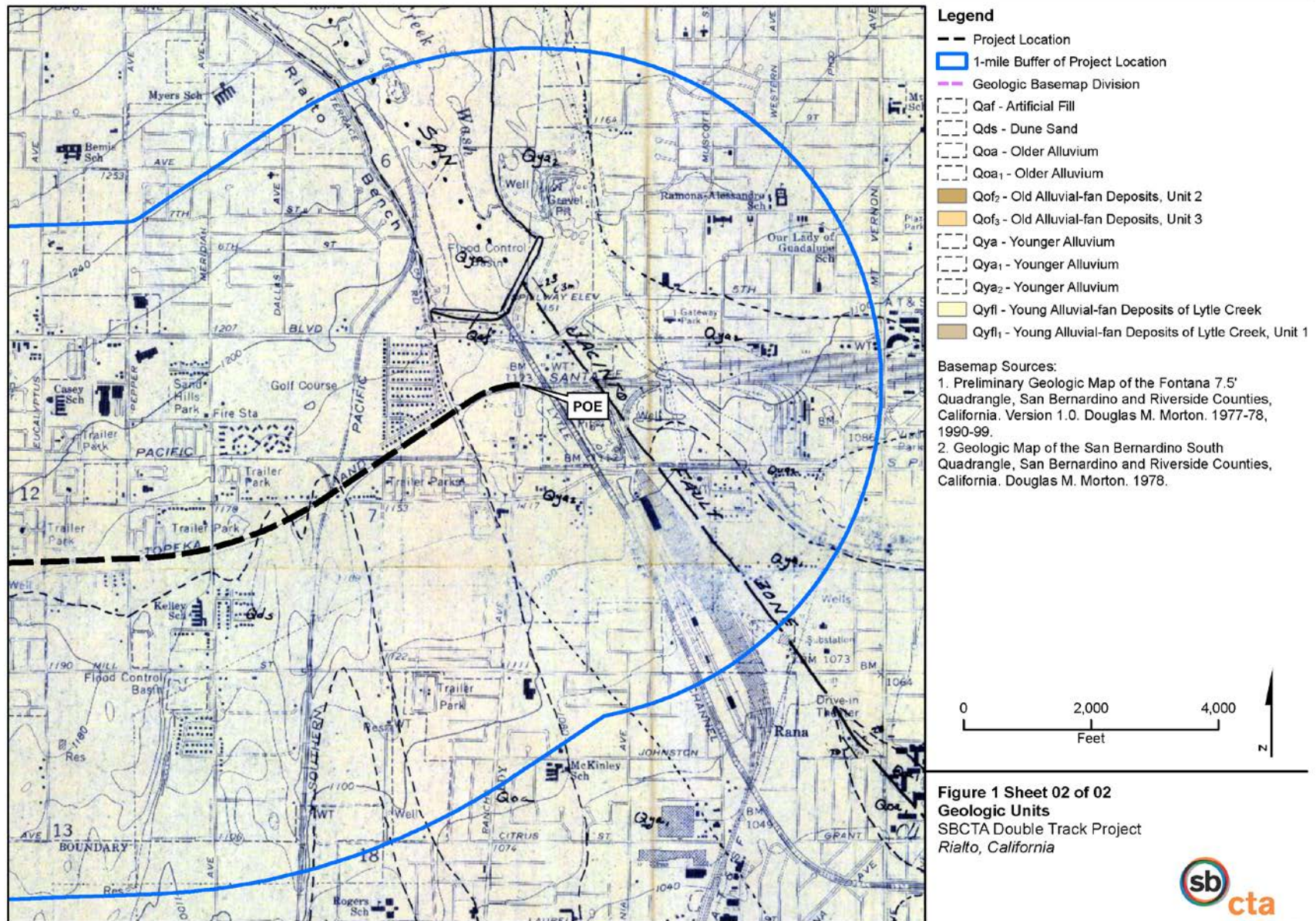
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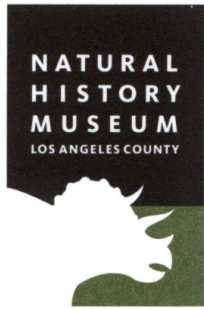
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Attachment A
Natural History Museum of Los
Angeles County, Record Search

Natural History Museum
of Los Angeles County
900 Exposition Boulevard
Los Angeles, CA 90007
tel 213.763.DINO
www.nhm.org



Vertebrate Paleontology Section
Telephone: (213) 763-3325

e-mail: smcleod@nhm.org

24 May 2017

CH2M
4121 Carmichael Road #400
Montgomery, AL 36106

Attn: James R. Verhoff, Geologist

re: Paleontological resources for the Vertebrate Paleontology Records Search for the
proposed SBCTA Double Track Project, in the City of Rialto, San Bernardino
County, project area

Dear James:

I have conducted a thorough check of our paleontology collection records for the locality and specimen data for the proposed SBCTA Double Track Project, in the City of Rialto, San Bernardino County, project area as outlined on the portions of the Fontana and San Bernardino South USGS topographic quadrangle maps that you sent to me via e-mail on 9 May 2017. We do not have any vertebrate fossil localities that lie directly within the proposed project area, but we do have localities farther afield from sedimentary deposits similar to those that may occur subsurface in the proposed project area.

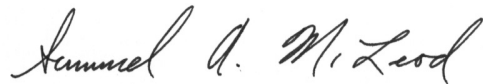
Surface deposits in most of the proposed project area are composed of younger Quaternary Alluvium, derived as alluvial fan deposits from the San Gabriel Mountains to the northwest, with fluvial contributions from Lytle Creek Wash that currently flows immediately east of the eastern terminus of the proposed project area. There may be some surface deposits of older Quaternary Alluvium or younger Quaternary drift sands in the proposed project area also. These deposits typically do not contain significant vertebrate fossils, at least in the uppermost layers, but they may be underlain at relatively shallow depth by older sedimentary deposits that do contain significant fossil vertebrate remains. Our closest fossil vertebrate locality from similar older Quaternary deposits is LACM 7811, west-southwest of the proposed project area

west of Mira Loma along Sumner Avenue, that produced a fossil specimen of whipsnake, *Masticophis*, at a depth of 9 to 11 feet below the surface. Further to the southwest between Corona and Norco our vertebrate fossil locality LACM 1207 produced a fossil specimen of deer, *Odocoileus*.

Shallow excavations in the younger Quaternary alluvial fan deposits exposed in the proposed project area probably will not uncover any significant vertebrate fossils. Deeper excavations throughout the proposed project area that extend down into older Quaternary deposits, however, may well encounter significant remains of fossil vertebrates. Any substantial and deep excavations in the proposed project area, therefore, should be monitored closely to quickly and professionally recover any fossil remains while not impeding development. Also, sediment samples should be collected and processed to determine the small fossil potential in the proposed project area. Any fossils collected should be placed in an accredited scientific institution for the benefit of current and future generations.

This records search covers only the vertebrate paleontology records of the Natural History Museum of Los Angeles County. It is not intended to be a thorough paleontological survey of the proposed project area covering other institutional records, a literature survey, or any potential on-site survey.

Sincerely,

A handwritten signature in cursive script, reading "Samuel A. McLeod".

Samuel A. McLeod, Ph.D.
Vertebrate Paleontology

enclosure: invoice

Appendix G

Geological Hazards Assessment

GEOLOGICAL HAZARDS REPORT

Metrolink San Bernardino Line
(San Gabriel Subdivision)
Lilac to Rancho Double Track Project,
San Bernardino County, California

Submitted to

Moffatt and Nichol

Prepared for

San Bernardino County Transportation Authority
(SBCTA)

March 2018



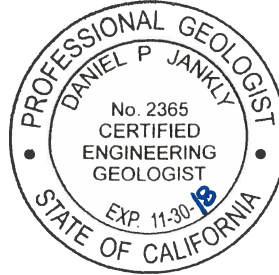
CH2M HILL Engineers, Inc.
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Signature Page

This Lilac to Rancho Double Track Project Geologic Hazards Report has been prepared by the following individuals.



Daniel Jankly, C.E.G.
Senior Engineering Geologist, C.E.G. 2365
Primary Preparer



Ravee Raveendra, G.E.
Senior Project Geotechnical Engineer, GE 2743
Senior Reviewer



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Acronyms and Abbreviations

°F	degrees Fahrenheit
msl	mean sea level
AREMA	American Railway Engineering and Maintenance-of-Way Association
bgs	below the ground surface
CDWR	California Department of Water Resources
CDMG	California Division of Mines and Geology (now the CGS)
CGS	California Geological Survey
CP	Control Point
g	acceleration due to gravity
Metro	Los Angeles County Metropolitan Transportation Authority
MP	mile post
NAVD 88	North American Vertical Data of 1988
NRCS	Natural Resources Conservation Service
PGA _M	peak ground acceleration corrected for site effects
Proposed Project	Control Point Lilac to Control Point Rancho Double Track Project
RCP	reinforced concrete pipe
SBCTA	San Bernardino County Transportation Authority
SBL	San Bernardino Line
SBL Study	San Bernardino Line Infrastructure Improvement Strategic Study
SCEDC	Southern California Earthquake Data Center
SCRRA	Southern California Regional Rail Authority
Study	Metrolink San Bernardino Line Infrastructure Improvement Strategic Study
USDA	U.S. Department of Agriculture
USGS	U.S. Geological Survey

Introduction

CH2M, in direct support of the San Bernardino County Transportation Authority, is providing preliminary engineering services to identify geological hazards that could affect the proposed Control Point (CP) Lilac to CP Rancho Double Track Project (Proposed Project). The Proposed Project is planned on the Metrolink San Bernardino Line (San Gabriel Subdivision) between Mile Post (MP) 52.4 to MP 55.1 in the cities of Rialto and San Bernardino, San Bernardino County, California. Geological hazards are defined as geological processes or conditions which are hazardous or potentially hazardous to the environment and its inhabitants. These hazards include fault-induced ground rupture, seismic shaking, liquefaction, seismically induced settlement, seismically induced inundation, tsunamis and seiches, landslides and slope stability, expansive soils, ground subsidence, erosion, and flooding.

The geologic hazards assessment included the following elements:

- Review of readily available geologic and geotechnical reports and maps (see Section 5 of this report for a listing of the references utilized during this study)
- Summary and evaluation of the geologic and seismic hazards that could affect the Proposed Project
- Preparation of this report summarizing the hazards and associated management and potential mitigation measures in support the Proposed Project's environmental analysis and approval processes.

1.1 Summary of Work

CH2M has prepared this report to document and conceptually address the potential geologic and geotechnical hazards which could affect the CP Lilac to CP Rancho Double Track Project. This report is based on review of existing data available from public agencies such as the United States Geological Survey, United States Department of Agriculture, California Geological Survey, California Department of Water Resources, Southern California Earthquake Data Center, County of San Bernardino, and the cities of Rialto and San Bernardino. The alignment is not located within a State of California designated Alquist-Priolo Earthquake Fault Zone. Liquefaction is not anticipated to be a concern to the project due to the deep groundwater table present in the project area. The primary geologic/geotechnical hazards which could affect the proposed project are seismic shaking and seismically induced settlement. The Proposed Project will be designed to comply with American Railway Engineering and Maintenance-of-Way Association and Southern California Regional Rail Authority design requirements, thereby reducing potential impacts from seismic shaking, settlement and other potential hazards as detailed in this report.

1.2 Project Background and Description

The San Bernardino County Transportation Authority (SBCTA) and the Los Angeles County Metropolitan Transportation Authority (Metro) completed the Metrolink San Bernardino Line (SBL) Infrastructure Improvement Strategic Study in September 2014 (SBL Study). The SBL, also known as the San Gabriel Subdivision, is a 55-mile rail corridor operated by Metrolink for the Southern California Regional Rail Authority (SCRRA) to provide commuter rail service between Los Angeles Union Station and the San Bernardino Station. The BNSF Railway and the UPRR also use this critical rail line as a shared corridor, which is the busiest commuter rail line in Southern California.

The purpose of the SBL Study was to identify cost-effective infrastructure improvements to provide increased average train speed, reduced travel times, and enhanced overall operational capacity of the

Metrolink SBL. The SBL Study recommended the construction of a second mainline track within two out of the five existing single-track corridors on the SBL, which has resulted in the LA Metro Lone Hill to CP White Double Track Project and the SBCTA CP Lilac to CP Rancho Double Track Project. These projects are critical to regional mobility because they would enhance rail operations on this highly utilized commuter rail line in Southern California.

SBCTA, the owner of the rail corridor within San Bernardino County and the lead agency for the Proposed Project, is preparing the preliminary engineering and environmental clearance of approximately 3 miles of a second mainline track from CP Lilac MP 52.4 to approximately CP Rancho, near MP 55.1, on the SBL. The proposed CP Lilac to CP Rancho Double Track Project consists of the following features and evaluations:

- The addition of a second passenger platform on the south side of the existing Metrolink Rialto Station with architectural and other station facility required improvements.
- The evaluation of overhead, at-grade, or below-grade pedestrian access design options to the new Rialto Station south side platform.
- The protection in-place of the existing UPRR Colton Cut-off Overpass near Rialto Avenue and the compliance with horizontal and vertical clearances.
- The removal of the existing No. 20 Right-Hand turnout west of Lilac Avenue, or the consideration of the construction of a crossover. The removal of the existing turnout would require “straight railing” the track to properly tie into the proposed second mainline track on the north side of the existing mainline track.
- The construction of a new No. 20 Left-Hand turnout east of Rialto Avenue. The exact location of the proposed east end of the Proposed Project is being evaluated to provide a “best fit” alignment on a tangent segment between approximately MP 54.9 and MP 55.06.
- Railroad signals as well as positive train control considerations and required improvements.
- Necessary retaining and sound walls.
- Existing culvert extensions and protection in-place as required. There are three 24-inch reinforced concrete pipes (RCP) and one 42-inch RCP near the west end of the Rialto station, and 48-inch and 36-inch RCP east of Pepper Avenue.
- Civil improvements including grading, drainage, and utilities. Existing San Bernardino County Flood Control District “East Rialto Storm Drain” flood control channel on the north side and drainage ditches on the south side of the right-of-way are being evaluated for protection in-place and mitigation during the Proposed Project.
- Quiet zone feasibility study for each of the eight at-grade crossings within the double track footprint. In addition, two at-grade crossings, Cactus Avenue on the west and Rancho Avenue on the east, are also being evaluated. Quiet zone features potentially include but are not limited to wayside horns, quad-gates, and additional access/crossing controls.
- Traffic, including traffic management plan, emergency access, and other ingress/egress issues.
- The addition of a second track through eight at-grade crossings, starting at Lilac Avenue in the City of Rialto on the west end of the Proposed Project and ending east of Rialto Avenue in the City of San Bernardino on the east end of the Proposed Project.

The Proposed Project evaluation and assessment also includes coordination with applicable regulatory agencies to ensure compliance with their applicable permitting requirements. The technical analysis and study (including this report), will support independent California Environmental Quality Act (Categorical Exemption) and National Environmental Policy Act (Categorical Exclusion) environmental approvals.

The Proposed Project, including all features and permanent footprint modifications, would be implemented within the existing railroad right-of-way; the right-of-way limits are shown on the Project Plans, Appendix A of this report.

1.3 Site Description and Topography

The Proposed Project is in the cities of Rialto and San Bernardino in San Bernardino County, California. As shown on the Site Location Map (Figure 1-1) and in Appendix A, the project alignment and proposed double tracking is located entirely within the existing railway right-of-way, commencing just west of Lilac Avenue in Rialto and terminating near Rancho Avenue in San Bernardino. There is an existing track and associated improvements, as well as open space, within the railway right-of-way. The area adjacent to the railway right-of-way is densely developed with a mix of commercial, light industrial, residential and the Rialto Station.

Topographically, the Proposed Project alignment is within Lytle Creek Wash, which is represented by a generally gently sloping, relatively planar surface which drains south-southeast to the Santa Ana River. As depicted in Appendix A, the western end of the alignment is at an approximate elevation of 1,215 feet (NAVD 88), and the alignment gradually descends to an approximate elevation of 1,145 feet at its eastern end.

1.4 Climatic Conditions

The following climate summary was obtained from the Western Regional Climate Center (2017) website for the Fontana Kaiser weather station, which is located roughly 3 miles southwest of the western end of the Proposed Project alignment:

- Between 1981 and 2010, the average monthly temperature high was 96 degrees Fahrenheit (°F), occurring in the month of August, and the average temperature low was 42 °F, occurring in the months of December through February.
- Average annual rainfall between 1981 and 2010 was roughly 19 inches; rainfall averages were greater than 2 inches per month in November through March, with the highest monthly rainfall average in March at over 4 inches.

1.5 Limitations

This geological hazards report has been prepared for the exclusive use of SBCTA, in concert with Metro and in support of the environmental analysis and approval processes. This report specifically applies to the preliminary design of the CP Lilac to CP Rancho Double Track Project. This report has been prepared in accordance with generally accepted geotechnical engineering and engineering geology practices. No other warranty, express or implied, is made.

If any change in the nature, design, and/or location of the proposed improvements occurs, the conclusions of this report should not be considered valid unless such changes are reviewed and conclusions of this report modified or verified in writing by CH2M.

Geologic Setting

This section summarizes the general subsurface conditions along the Proposed Project alignment. The summary is based on review of the data sources listed in Section 5 of this report.

2.1 Regional Geology

The Proposed Project is located near the boundary between the Peninsular Ranges and Transverse Ranges Geomorphic Provinces of California (California Geological Survey [CGS], 2002). This is a geologically complex region of California because, in the project vicinity, the boundary between the Peninsular Ranges and Transverse Ranges is where the Pacific and North American tectonic plates juxtapose the San Andreas Fault System (which includes the San Jacinto Fault Zone). The San Gabriel and San Bernardino Mountains are located within the Transverse Ranges Geomorphic Province, which is generally an east-west trending series of mountain ranges and valleys that extends from offshore (the province includes the northern Channel Islands), to north of the Salton Sea in the east. Within the province, the San Gabriel and San Bernardino Mountains are separated by the San Andreas Fault System, which has offset the two mountain ranges in a right-lateral direction. The Transverse Ranges Geomorphic Province is being compressed in a north-south direction, resulting in a continuous, relatively rapid uplifting of the province. Erosion of the Transverse Ranges Geomorphic Province occurs concurrently with the uplift of the Province. The Peninsular Ranges Geomorphic Province is located immediately south of the Transverse Ranges Province (south of the San Gabriel and San Bernardino Mountains). The province extends from offshore (the province includes the southern Channel Islands) to the low desert and south into lower California. The Peninsular Ranges Geomorphic Province is dominated by northwest-trending mountain ranges and valleys, which generally parallel the faults within the province. The Proposed Project is situated on a valley portion of the Peninsular Ranges, on Lytle Creek Wash, which is underlain by sediment eroded from the Transverse Ranges Geomorphic Province (i.e., the San Gabriel and San Bernardino Mountains).

2.2 Local Geology

As referenced above, the Proposed Project alignment is situated on Lytle Creek Wash. Lytle Creek Wash and Cajon Wash (located immediately east) are major southeasterly drainages that transport and deposit eroded sediment from the San Gabriel and San Bernardino Mountains southeast towards the Santa Ana River.

The Proposed Project alignment is underlain by sediment (i.e., alluvial soils) deposited via Lytle Creek Wash. In addition to these sediments transported to the site by water, eolian (i.e., wind-blown sedimentary deposits) are also mapped along the alignment. These alluvial and eolian sediments can interlace and overlap one another (Morton and Miller, 2003). The eolian deposits are generally finer grained (unconsolidated silt and sand) than the alluvial deposits (which are generally composed of various mixtures of unconsolidated to slightly consolidated silt, sand, gravel, cobbles and boulders).

The various geologic units present along the Proposed Project alignment and descriptions to these units are shown on Figure 2-1, Regional Geologic Map. Dutcher and Garrett (1963) indicate that the alluvial sediment upon which the Proposed Project alignment is situated consists of coarse-grained sediment interlaced with and overlain by relatively fine-grained sediment.

The alluvial thickness (i.e., depth to bedrock) in the Proposed Project vicinity is approximately 500 to 600 feet below the existing ground surface (bgs) at the west end of the alignment and 1,000 to 1,100 feet bgs

at the east end of the alignment (Fife et al., 1976). The bedrock below the alluvial soils consists of crystalline and metamorphic rock, overlain by sedimentary rock (Dutcher and Garrett, 1963).

The Proposed Project alignment and surrounding areas have been disturbed by human activities, such as construction of the existing railway and associated improvements such as drainages. Based on review of the typical cross sections presented in Appendix A (i.e., comparison of the existing ground surface within the railway right-of-way versus the existing ground outside the right-of-way), 1 to 4 feet of artificial fill soils underlie the existing track locally. Artificial fill that is 10 to 15 feet thick, and perhaps as thick as 25 feet, may underlie the existing tracks where they cross the drainages that traverse the railway right-of-way. The composition of these potential artificial fill soils is unknown but is anticipated to be similar in composition to that of the native soils described above.

2.3 Faulting

Several active faults are mapped in the region that have produced, and could again produce, significant ground shaking at the Proposed Project alignment. However, no known active faults transect the Proposed Project alignment (Figures 2-2 and 2-3). According to the U.S. Geological Survey (USGS) and CGS (2006), the closest active fault to the Proposed Project alignment is the San Jacinto Fault Zone – San Bernardino Section, located approximately 1,000 feet northeast of the Proposed Project alignment where it intersects Rancho Avenue (Figure 2-3). Other nearby active faults include the San Andreas Fault Zone – South Branch/San Bernardino Mountains Section, which is located approximately 5.5 miles northeast of the east end of the alignment, and the Sierra Madre Fault Zone – Cucamonga Section, located approximately 6.5 miles northwest of the west end of the alignment.

The San Jacinto Fault Zone – San Bernardino Section is a right-lateral strike-slip fault with a minor reverse component. The fault has a slip rate of 7 to 17 millimeters per year and probable seismic moment magnitude of 6.5 to 7.5 (Southern California Earthquake Data Center [SCEDC], 2017a). The San Andreas Fault Zone – South Branch/San Bernardino Mountains Section is a right-lateral strike-slip fault with a slip rate of 20 to 35 millimeters per year and probable seismic moment magnitude of 6.8 to 8 (SCEDC, 2017b). The Sierra Madre Fault Zone – Cucamonga Section is a thrust fault with a slip rate of 5 to 14 millimeters per year and probable seismic moment magnitude of 6 to 7 (SCEDC, 2017c).

The Proposed Project alignment is not transected by a known active fault and the alignment is not located within a State of California designated Alquist-Priolo Earthquake Fault Zone (Hart and Bryant, 2007 and California Division of Mines and Geology [CDMG], 2000) or an earthquake fault zone established by the local governments (City of Rialto, 2010; City of San Bernardino, 2005; County of San Bernardino, 2007).

The Alquist-Priolo Earthquake Fault Zone covering the San Jacinto Fault – San Bernardino Section is delineated immediately east of the east end of the Proposed Project alignment, as shown on Figure 2-2. The Rialto-Colton Fault is an inactive splay of the San Jacinto Fault Zone and is mapped trending towards the western end of the Proposed Project alignment, as shown on Figure 2-3. The Rialto-Colton Fault is mapped as “concealed” (represented by a dotted line on Figure 2-3), meaning the fault is buried by alluvial soil, which is indicative of the antiquity of this splay of the San Jacinto Fault. No other inactive or potentially active faults have been mapped transecting or in the near vicinity of the Proposed Project alignment.

2.4 Soil Survey Mapping

Existing soil survey mapping (U.S. Department of Agriculture [USDA], 2017) for the surficial soils provided by the USDA’s Natural Resources Conservation Service (NRCS) soil survey was used for the current study. The soil survey contains information for the native soil in the upper 5 feet bgs. The soil survey generally classifies soils; lists engineering, physical, and chemical properties; and provides soil

hydrological group and drainage class. Table 2-1 summarizes the primary soil series mapped by the USDA and the corresponding properties for the surficial native soils along the Proposed Project alignment.

Table 2-1. Summary of the Soil Survey Data

Coverage of Project Alignment	Soil Series	Unified Soil Classification	Wind Erodibility ^a	Hydrological Group ^b	Drainage Class	Plasticity Index
29%	Hanford coarse sandy loam, 2 to 9 percent slopes (Unit HaC)	SM	3	A	Well Drained	Non-Plastic
6%	Hanford sandy loam, 0 to 2 percent slopes (Unit HbA)	SM	3	A	Well Drained	Non-Plastic
2%	Psammets, fluvents and frequently flooded soils (Unit Ps)	SM, SP, SP-SM, SW-SM	1	A	Somewhat Excessively Drained	Non-Plastic to 5
35%	Tujunga loamy sand, 0 to 5 percent slopes (Unit TuB)	SM	2	A	Somewhat Excessively Drained	Non-Plastic
28%	Tujunga gravelly loamy sand, 0 to 9 percent slopes (Unit TvC)	SM, SP-SM	2	A	Somewhat Excessively Drained	Non-Plastic

^a Soil assigned to erodibility group of 1 are the most susceptible to wind erosion, and those assigned to group of 8 are the least susceptible to wind erosion.

^b Group A: Soils having a high infiltration rate (low runoff potential) when thoroughly wet. These consist mainly of deep, well drained to excessively drained sands or gravelly sands. These soils have a high rate of water transmission.

2.5 Groundwater

According to the California Department of Water Resources (CDWR) *Groundwater Basins in California* (CDWR, 2016), the Proposed Project alignment is situated on the Rialto-Colton Subbasin of the Upper Santa Ana River Groundwater Basin. The Rialto-Colton Subbasin is bounded by the San Gabriel Mountains on the north, the San Jacinto Fault on the east, the Box Spring Mountains on the south, and the Rialto-Colton Fault on the west. Lytle Creek drains this part of the valley southeastward to the Santa Ana River in the southern part of the subbasin.

According to the CDWR (2017) *Water Data Library Online Database*, groundwater levels from wells near the western and central portions of the alignment (south of Rialto Avenue) have been varied from approximately 215 to 300 feet bgs between 1992 and 2017. In the eastern portion of the alignment (north of Rialto Avenue), groundwater levels have varied from approximately 132 feet to 223 feet bgs. Groundwater levels in the vicinity of the site were approximately 275 feet bgs near the western end of the alignment and approximately 100 feet bgs at the east end in 1960 (Fife et al., 1976).

The groundwater table along the Proposed Project alignment is anticipated to be greater than 100 feet bgs. However, perched groundwater tables may be present at shallower depths in localized areas along the alignment.

Geologic Hazards

This section summarizes the preliminary level assessment of the potential for geologic hazards along the Proposed Project alignment.

3.1 Ground Rupture

As introduced previously, no known active faults transect the Proposed Project alignment, and the alignment is not located within a State of California designated Alquist-Priolo Earthquake Fault Zone or an earthquake fault zone established by the local governments (CDMG, 2000; City of Rialto, 2010; City of San Bernardino, 2005; County of San Bernardino, 2007). Based on this information and the assessment conducted within this report, within the Proposed Project alignment, there is a low potential for fault-induced ground surface rupture to occur along known active faults.

3.2 Ground Shaking

The Proposed Project alignment has high historic seismicity. According to the USGS (2017) U.S. Seismic Design Maps web application, and utilizing National Earthquake Hazard Reduction Program's 2009 design code, the following peak ground accelerations (parameter PGA_M) have been developed for the western, central (at Rialto Station), and eastern portions of the alignment respectively: 0.73g, 0.77g, and 0.98g (g = acceleration due to gravity). Parameter PGA_M is the peak ground acceleration corrected for site effects (i.e., subsurface conditions). Based on the various soil types previously recorded and assumed along the Proposed Project alignment (see Section 2.2), Site Class D (stiff soils) is assumed for this preliminary level of evaluation. This information is provided as a general indication of the magnitude of the peak ground accelerations anticipated along the alignment. As the Proposed Project progresses, and as site-specific geotechnical information is obtained (via detailed field investigation and borings), detailed seismic analysis will be required in accordance with latest American Railway Engineering and Maintenance-of-Way Association (AREMA) and SCRRRA Seismic Design Standards.

3.3 Liquefaction

Liquefaction is a seismic phenomenon in which loose, saturated, fine-grained granular soils behave like a fluid when subjected to high-intensity ground shaking. Liquefaction occurs when three general conditions exist: (1) shallow groundwater, (2) low-density sandy soils, and (3) high-intensity ground motion. Studies indicate that saturated, loose and medium-dense, near-surface, cohesionless soils exhibit the highest liquefaction potential, and dry, dense, cohesionless soils and cohesive soils exhibit low to negligible liquefaction potential. Effects of liquefaction on level ground include sand boils, settlement, and failures of bearing capacity below structural foundations.

Along the alignment, some of the alluvial soils in the subsurface are likely susceptible to liquefaction, but the depth to groundwater (greater than 100 feet bgs, see Section 2.4) precludes the occurrence of liquefaction. The Proposed Project alignment is also not located in a state, county (see Figure 2-3) or in a city-designated (City of Rialto, 2010; City of San Bernardino, 2005) liquefaction hazard zone. The potential for liquefaction to occur along the Proposed Project alignment is considered low.

3.4 Seismically Induced Settlement

Loose, unsaturated granular soils are susceptible to seismically induced settlement. This could include the alluvial soils located above the groundwater table along the Proposed Project alignment. These

settlements can result in total and differential settlement of soils that support structures and utilities. The magnitude of these settlements depends on the type of structure, the characteristics of the soil below the structure, and the level of ground shaking. Along the alignment, granular alluvial soils in the upper 50 to 75 feet bgs are potentially susceptible to seismically induced settlement. This should be evaluated as part of the future advanced design and more detailed geotechnical investigation that would be conducted for the Proposed Project.

3.5 Seismically Induced Inundation

Seismically induced inundation can occur when an earthquake causes catastrophic failure of a water-retaining structure such as a reservoir, dam, or levee, and subsequent flooding occurs due to the release of water from the structure. The Proposed Project alignment is not located in a mapped Dam Inundation Area (City of San Bernardino, 2005; County of San Bernardino, 2007) and no seismically induced inundation is anticipated.

3.6 Tsunamis and Seiches

A tsunami is a sea wave generated by a submarine earthquake, volcanic eruption, submarine landslide, or onshore landslide. A seiche is an earthquake-induced wave in a confined body of water, such as a lake, reservoir, or bay. The Proposed Project alignment is not located near the ocean or any confined bodies of water, so there is no risk of this hazard occurring along the alignment.

3.7 Landslide and Slope Instability

Landslides (seismically or statically [under gravity loads] driven) can be generated in soil or rock when conditions within the soil or the rock mass make them prone to such failure. Landslides could be activated by natural events such as earthquakes, rainfall, and erosion, or from man-made activities such as removal of lateral supports near the base of already unstable hillside areas. The Proposed Project alignment is relatively flat and there are no significant slopes. The alignment is not located in a landslide hazard zone established by the state, county (see Figure 2-2), or city (San Bernardino, 2005) and risks from potential landslides or slope instability are not expected.

The soils present in the near subsurface along the alignment are generally unconsolidated and would be unstable if exposed in steep cuts, such as those that may be needed during construction of a potential below-grade pedestrian crossing to the new south side Rialto Station platform or to other deeper excavations that may be required during construction of the Proposed Project.

3.8 Expansive Soil

Expansive soils are clay-rich soils that swell and shrink with wetting and drying. The shrink-swell capacity of expansive soils can result in differential movement below or adjacent to a structure. The alluvial soils reported to exist along the Proposed Project alignment are predominantly granular. However, soils with high expansion potential may be encountered locally within the native materials or artificial fills soils present along the Proposed Project alignment.

3.9 Subsidence

Ground subsidence usually occurs in valleys and basins when underground fluids are extracted in large volumes. Subsidence has been a known issue in the general region of the Proposed Project due to groundwater withdrawal (City of San Bernardino, 2005; County of San Bernardino, 2007). The local governing agencies are aware of this hazard and recharge (using imported water) of the various

groundwater basins to account for groundwater withdrawal is occurring to manage this hazard (City of San Bernardino, 2005; County of San Bernardino, 2007).

3.10 Erosion

Soil erosion is a broadly defined group of processes that involves separation of soil particles from the soil matrix and the transport of these particles by erosive agents, such as winds or water. The susceptibility to erosion of the surficial soils along the Proposed Project alignment is based on the Soil Erodibility Factor, or “K Factor,” reported by the USDA (2017), which indicates a low to moderate erosion potential.

3.11 Floods

According to the City and County of San Bernardino (2005 and 2007, respectively), the Proposed Project alignment from near the Rialto-San Bernardino City boundary east to Rialto Avenue is in the 100-year flood zone.

3.12 Hazardous Materials

Hazardous materials (contaminated soil and/or groundwater) may be present along the Proposed Project alignment. The hazardous materials evaluation, a Phase 1, Initial Site Assessment, has been conducted by others in a separate report and is available as part of the Proposed Project’s supporting environmental documentation.

Geological Hazard Mitigation

This section summarizes the assessment of the potential for geologic hazards to affect the Proposed Project and, if needed, avoidance, minimization, mitigations that would reduce the potential impact of that hazard to a level that is less than significant.

4.1 Ground Rupture

The Proposed Project alignment is not located within an established earthquake fault zone, and no known active faults transect the alignment. Therefore, no avoidance, minimization, or mitigation is required.

4.2 Ground Shaking

The Proposed Project alignment is located within a seismically active area and known faults are present within the regional area. Therefore, the Proposed Project would be subject to potential ground shaking due to a seismic event. However, structures associated with the Proposed Project will be designed to comply with AREMA and SCRRA seismic design requirements, thereby reducing potential impacts from ground shaking resulting from a seismic event. The potential for effects and the resulting impacts would be addressed to maximum design capabilities practicable. No additional avoidance, minimization or mitigation is necessary.

4.3 Liquefaction

Based on the general subsurface conditions (including the depth to the groundwater table) reported along the Proposed Project alignment, the potential for liquefaction to occur is considered low. Therefore, no avoidance, minimization, or mitigation is required.

4.4 Seismically Induced Settlement

Based on the subsurface conditions reported along the Proposed Project alignment, seismically induced settlement may occur and may represent a significant hazard. This will be evaluated in greater detail during advanced design phases of the Proposed Project, and if seismic settlement is determined to be a hazard, the Proposed Project will be designed to comply with AREMA and SCRRA requirements for improvements on soils with a significant potential for settlement. Therefore, the potential impacts from seismic settlement would be reduced through compliance with design standards and requirements and no additional avoidance, minimization, or mitigation is required.

4.5 Seismically Induced Inundation

The Proposed Project alignment is not located in a mapped dam inundation area. Therefore, no avoidance, minimization, or mitigation is required.

4.6 Tsunamis and Seiches

Given the location of the Proposed Project alignment, tsunamis and seiches are not a significant hazard. Therefore, no avoidance, minimization, or mitigation is required.

4.7 Landslide and Slope Instability

The landscape of the Proposed Project alignment is relatively flat. There are no landslides mapped near or along the alignment (see Figure 2-1). Potential temporary slope instability situations may arise during construction of the Proposed Project. The Proposed Project will be designed and constructed in accordance with AREMA and SCRRA requirements for slope stability, including temporary stabilization requirements (e.g., shoring) during construction, reducing the potential impact due to slope instability. Based on these standard practices no avoidance, minimization, or mitigation is required.

4.8 Expansive Soil

The expansive soil potential is considered low. However, soils with high expansion potential may be encountered locally within the native materials or artificial fills soils present along the Project alignment. The Project will be designed in accordance with AREMA and SCRRA requirements for improvements on expansive soils, reducing the potential effects from and resulting impacts due to expansive soil, and no avoidance, minimization, or mitigation would be required.

4.9 Subsidence

Significant impact resulting from ground subsidence is not anticipated because the hazard is being managed in the region of the Proposed Project alignment. Therefore, no avoidance, minimization, or mitigation is required.

4.10 Erosion

The erosion hazard is generally considered low to moderate. Therefore, occasional maintenance may be required and erosion during construction would need to be controlled through standard measures and the application of BMP's. The Proposed Project will also be designed and constructed in accordance with AREMA and SCRRA requirements for erosion control, reducing the potential impacts from erosion and no additional avoidance, minimization, or mitigation is required.

4.11 Floods

A portion of the Proposed Project is located within a 100-year flood zone. The Proposed Project will be designed and constructed in accordance with AREMA and SCRRA requirements, which would account for the location of the alignment being within the 100-year flood zone. Based on the application of these design standards, the potential impacts from a 100-year flood should be reduced, and no avoidance, minimization, or mitigation is required..

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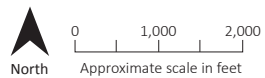
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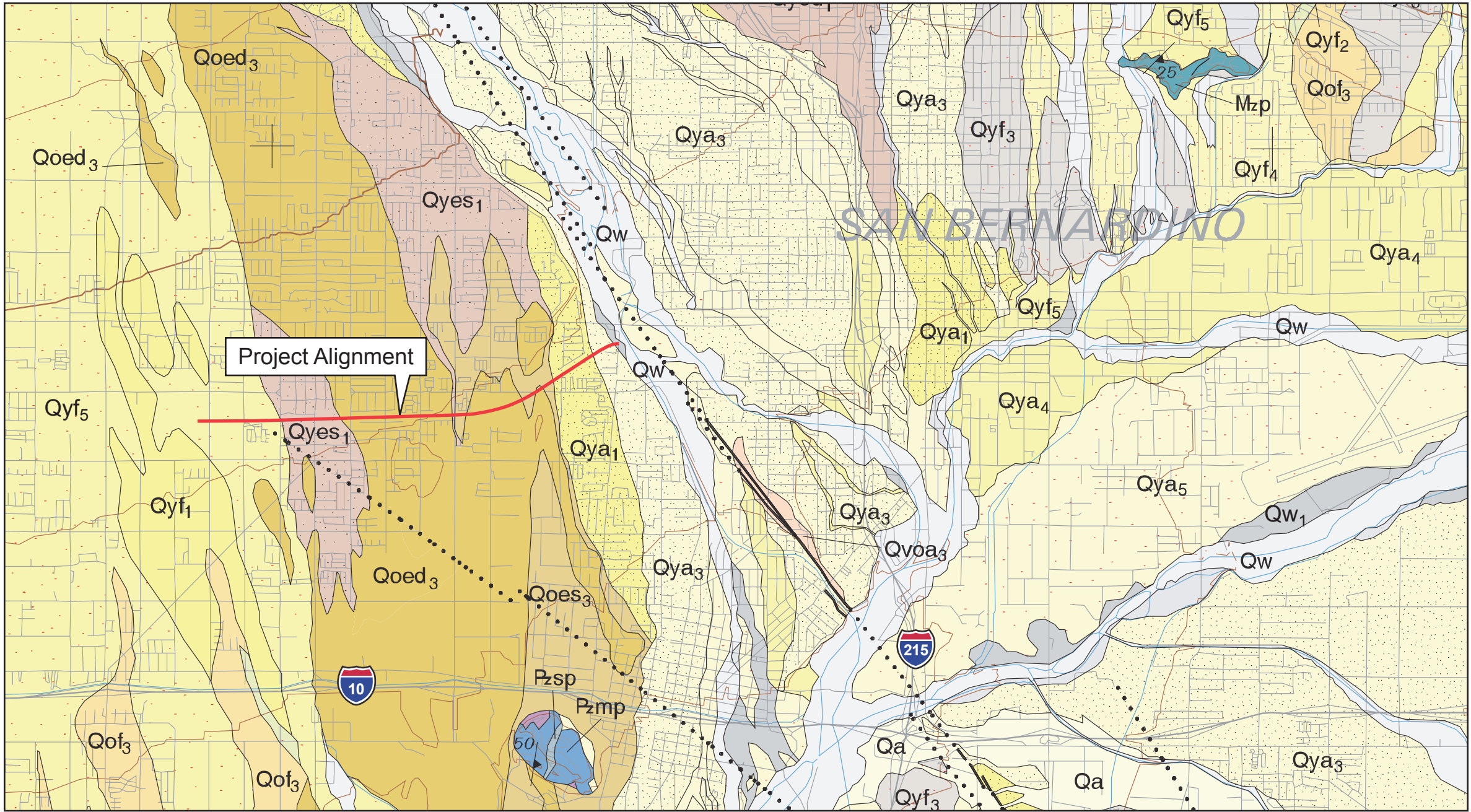
Figures



Aerial image © Google Earth, 2017. Annotation by CH2M HILL, 2017.

Figure 1-1
Site Location Map
 San Bernardino County Transportation Authority
 CP Lilac to CP Rancho Double Track Project
 San Bernardino County, California





Base map: Morton and Miller 2003. Annotation by CH2M HILL, 2017.

Geologic Units:
(modified from Morton and Miller, 2003)

- Qw, Qw₁:** Very young wash deposits (late Holocene) — Unconsolidated sand and gravel deposits in active washes and channels. Can contain clasts on the order of 10 feet across deposited by flash floods. Gravel bars up to 300 feet long are common.
- Qf:** Very young alluvial-fan deposits (late Holocene) — Unconsolidated to slightly coherent deposits of sand, gravel, and boulders that form active and recently active parts of alluvial fans.
- Qa:** Very young alluvial-valley deposits (late Holocene) — Unconsolidated deposits of silty, sandy and cobbly alluvium deposited by streams in through-going stream valleys; can be cemented where carbonate rocks are in source area.
- Qyf₁₋₅:** Young alluvial-fan deposits, Units 1-5 (Holocene and late Pleistocene) — Unconsolidated to moderately consolidated silt, sand, pebbly cobbly sand, and bouldery alluvial- fan deposits. Unit typically contains large proportion of cobbles and boulders.
- Qya₁₋₅:** Young alluvial-valley deposits (Holocene and late Pleistocene) — Slightly to moderately consolidated silt, sand, gravel and cobble deposits.
- Qyed₁:** Young eolian deposits (dune sand), Unit 1 (early Holocene and late Pleistocene) — Slightly consolidated to moderately consolidated, fine to medium sand, silty sand, and slightly gravelly sand; locally contains layers of sandy pebble gravel and gravelly sand.
- Qyes₁:** Young eolian deposits (sheet sand), Unit 1 (early Holocene and late Pleistocene) — Slightly consolidated to moderately consolidated, fine to medium sand, slightly gravelly sand, sandy pebble gravel, and gravelly sand. Gravelly beds represent fluvial deposits interstratified with the finer-grained eolian deposits that mainly are sand.
- Qof₃:** Old alluvial-fan deposits, Unit 3 (late to middle Pleistocene) — moderately consolidated deposits of sand, gravel cobbles and boulders.
- Qoes₃:** Old eolian deposits (dune sand), Unit 3 (late to middle Pleistocene) — Slightly consolidated to moderately consolidated, fine to medium sand and lesser amounts of silty sand and slightly gravelly sand that is well sorted to poorly sorted.
- Qoes₃:** Old eolian deposits (sheet sand), Unit 3 (late to middle Pleistocene) — Slightly consolidated to moderately consolidated, fine to medium sand and lesser amounts of silty sand and slightly gravelly sand that is well sorted to poorly sorted; locally contains layers of sandy pebble gravel and gravelly sand.
- P_{2mp}:** Marble, Peninsular Ranges (Paleozoic) — Massive, coarse-to extremely coarse- grained calcite, calcite-dolomite, and predazzite marble.
- P_{2sp}:** Biotite schist and gneiss, Peninsular Ranges (Paleozoic) — Well foliated schist and gneiss occurring both as screens and isolated bodies in granitic rocks, and as bodies interlayered with marble. Composition of schist and gneiss is variable, but most is biotite-bearing
- M_{2p}:** Pelona Schist, undifferentiated (Mesozoic) — Predominantly siliceous schist; greenschist and lower amphibolite metamorphic grade rocks. Albite-bearing schist is most common lithology. Quartzite and siliceous carbonate layers occur locally. Unit contains scattered masses of coarse-grained actinolite-talc rock, and manganese-rich siliceous rock that includes rhodonite, and piemontite-bearing rock.

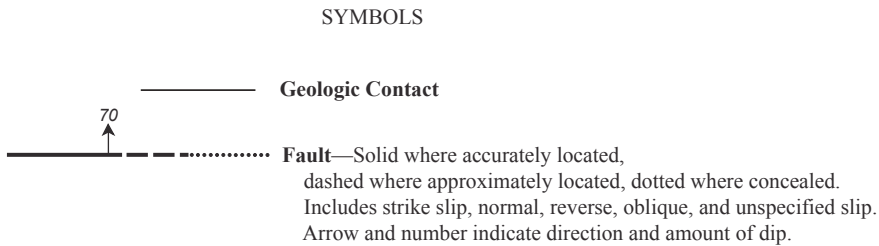
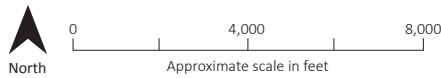
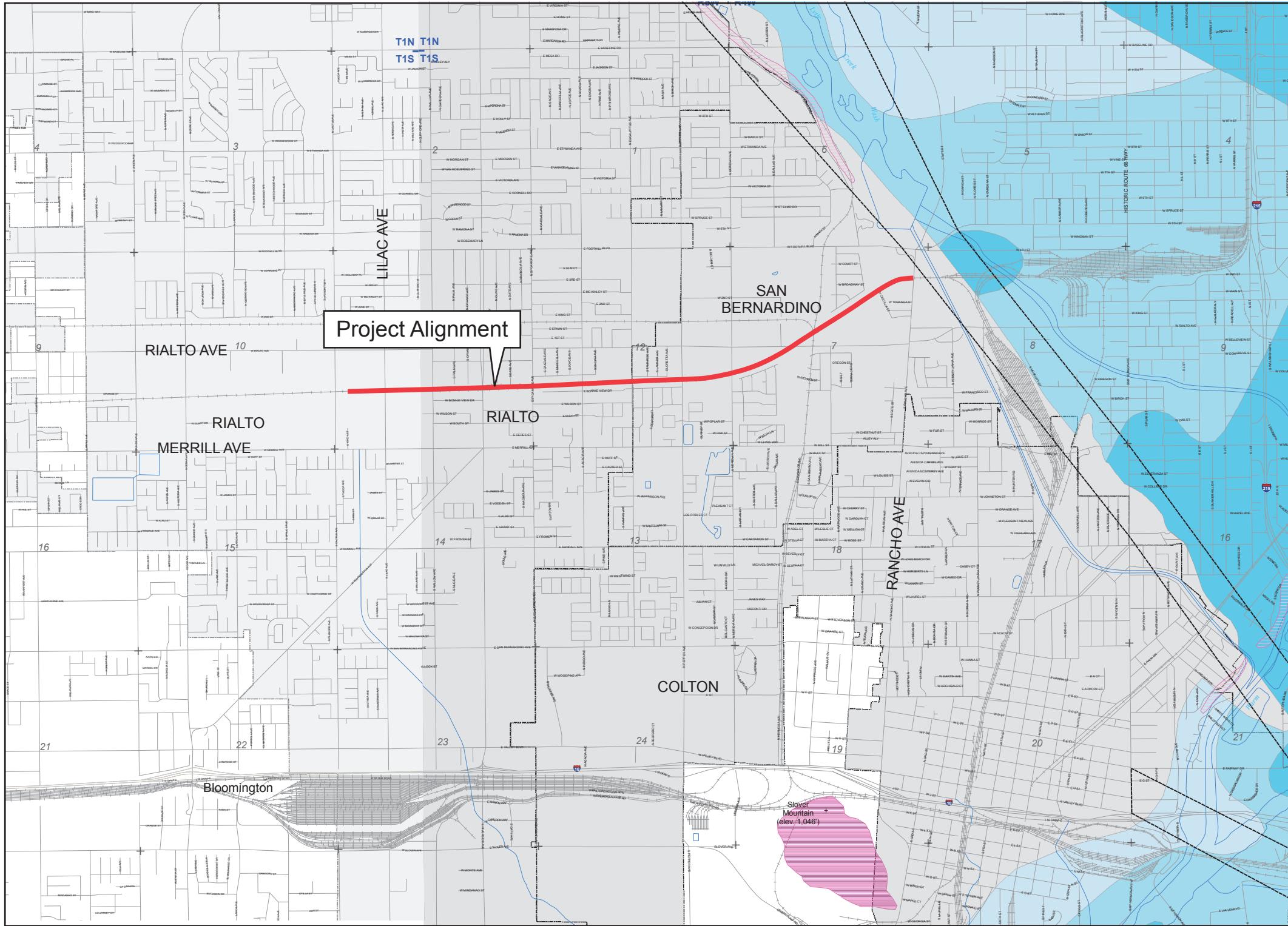


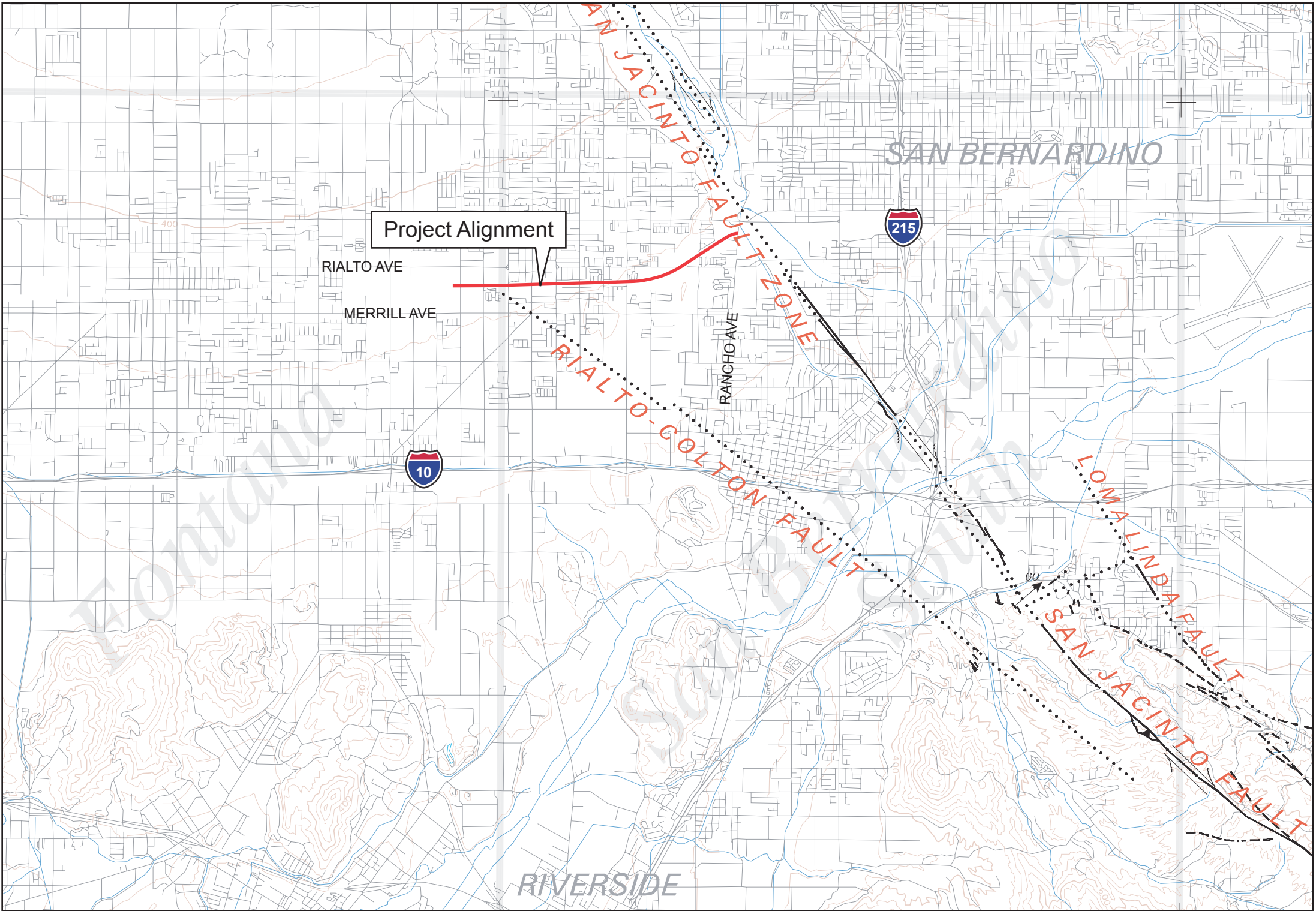
Figure 2-1
Regional Geologic Map
San Bernardino County Transportation Authority
CP Lilac to CP Rancho Double Track Project
San Bernardino County, California



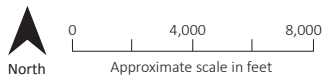


Base map: San Bernardino County General Plan Safety Element, 2007 Sheets FH29C and FH30C.

Figure 2-2
Seismic Hazards Map
 San Bernardino County Transportation Authority
 CP Lilac to CP Rancho Double Track Project
 San Bernardino County, California



Base map: Morton and Miller 2003. Annotation by CH2M HILL, 2017.



SYMBOLS

- Fault**—Solid where accurately located, dashed where approximately located, dotted where concealed. Includes strike slip, normal, reverse, oblique, and unspecified slip. Arrow and number indicate direction and amount of dip.
- Thrust fault**—Teeth on upper plate; solid where accurately located, dashed where approximately located, dotted where concealed. Arrow and number indicate direction and amount of dip.

Figure 2-3
Regional Fault Map
 San Bernardino County Transportation Authority
 CP Lilac to CP Rancho Double Track Project
 San Bernardino County, California



Appendix A Project Plans

See IS/MND, Appendix A

Appendix H

Phase 1, Initial Site Assessment

**INITIAL SITE ASSESSMENT
LILAC TO RANCHO DOUBLE TRACK ADDITION PROJECT
SAN BERNARDINO LINE
LILAC AVENUE TO RANCHO AVENUE
RIALTO AND SAN BERNARDINO, CALIFORNIA**

PREPARED FOR:

Mr. Jason Reynolds
CH2M Hill
402 W. Broadway, Suite 1450
San Diego, California 92101

PREPARED BY:

Ninyo & Moore
Geotechnical and Environmental Sciences Consultants
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June 30, 2017
Project No. 209884001

June 30, 2017
Project No. 209884001

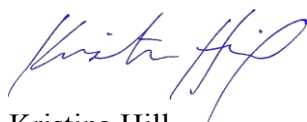
Mr. Jason Reynolds
CH2M Hill
402 W. Broadway, Suite 1450
San Diego, California 92101

Subject: Initial Site Assessment
Lilac to Rancho Double Track Addition Project
San Bernardino Line
Lilac Avenue to Rancho Avenue
Rialto and San Bernardino, California

Dear Mr. Reynolds:

In accordance with your authorization, Ninyo & Moore has performed an Initial Site Assessment of the subject site in the city of Rialto, California. The purpose of our assessment was to evaluate the likelihood of environmental impacts resulting from past and present uses of the subject site and adjoining parcels to be encountered in the proposed project.

Sincerely,
NINYO & MOORE



Kristina Hill
Staff Geologist



Patrick Cullip
Project Engineer



John Jay Roberts, PG, CEG
Principal Geologist

KMH/PJC/JJR/sc

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EXECUTIVE SUMMARY

CH2M Hill has authorized Ninyo & Moore to perform an Initial Site Assessment (ISA) of the Lilac to Rancho Double Track Addition Project (project), along the Atchison, Topeka and Santa Fe (ATSF) Railroad right-of-way (ROW) in the cities of Rialto and San Bernardino, California (site, Figure 1). The ROW alignment is currently owned by Metrolink. Residential properties, commercial properties, and vacant land adjoin the site.

The project includes adding a second mainline track to the existing single-track rail corridor. The corridor extends westward approximately three miles along the ATSF ROW, from Control Point (CP) Lilac Milepost (MP) 52.4 to approximately CP Rancho, near MP 55.1 of the San Bernardino Line. The current configuration and adjacent developments of the project are described in three sections (western, central, and eastern sections): the railway corridor from the western boundary of the site to Sycamore Avenue (western section); the railway corridor from Sycamore Avenue to the Burlington Northern and Santa Fe Railway Company (BNSF) railroad (central section); and the railway corridor from the BNSF railroad to the eastern boundary of the site (eastern section).

Historical aerial photographs and regulatory databases were reviewed for properties within the project limits. The review included a radius search of ¼-mile along the railway corridor from the western to the eastern project limits to evaluate whether historical practices would have a potential impact to the site.

Based on the results of this ISA, Ninyo & Moore found the following recognized environmental conditions (RECs) for the site:

- There is a potential for aurally deposited lead (ADL) from automotive exhaust in unpaved shallow soil or landscaped areas along cross streets and adjacent roads to the ATSF ROW.
- There is a potential for soil to be impacted along the ATSF ROW and along former rail spurs on the site. Polycyclic aromatic hydrocarbons (PAHs), total petroleum hydrocarbons (TPHs), polychlorinated biphenyls (PCBs), organochlorine pesticides (OCPs), chlorinated herbicides, and metals are typically detected along railroad easements from operational activities, spills, and use of pesticides and herbicides.

- There is a potential for soil to be impacted at the site near 290 South Palm Avenue and 260 South Willow Avenue, due to the presence of closed leaking underground storage tank (LUST) cases. TPHs and volatile organic compounds (VOCs) are typically associated with LUST cases.
- A potential for soil to be impacted exists near the site at 137 South Lilac Avenue, due to potential hazardous material releases from former property operations (equipment/instrument repair, machine shop use, metal finishing and plating, painting and depainting) and a land use covenant placed against the property for development for residential purposes.
- There is a potential for soil to be impacted near the northwest corner of the intersection of the ATSF ROW and the BNSF railway due to the presence of an underground hazardous liquid pipeline along the BNSF railway.

Based upon the findings of this study, Ninyo & Moore has made the following recommendations for RECs found for the project site including areas which have the potential for residual impact to be encountered during site construction. These recommendations are provided to evaluate the potential for construction worker exposure and for potential waste characterization purposes.

- ADL may be present in the soil as a result of historical vehicle emissions during the era of leaded gasoline. An ADL survey should be conducted in areas of exposed soil which will be disturbed during construction within 10 feet of major cross streets and adjacent major roads to the ATSF ROW. ADL borings should be located along the shoulders and medians where earth will be disturbed. The borings should be advanced up to 4 feet below ground surface (bgs) or the maximum anticipated construction depth, whichever is shallower.
- Groundwater is not expected to be encountered during construction as the expected depth to groundwater is approximately 200 feet bgs and the expected maximum earth disturbance depth is 20 feet bgs. However, if construction plans change and groundwater will be encountered, we recommend collecting and analyzing groundwater samples for the constituents needed to apply for a construction dewatering discharge permit.
- Petroleum hydrocarbons and volatile organic compounds may be present in soil and groundwater beneath the site as a result of the presence of: a 200 gallon diesel fuel release near the intersection of the ATSF ROW and South Sycamore Avenue; a perchloroethylene release near the intersection of the ATSF ROW and South Lilac Avenue; several underground storage tanks (USTs) and LUSTs in the site vicinity; and a hazardous liquid pipeline near the intersection of the ATSF ROW and the BNSF Railway. A Soil Management Plan (SMP) should be prepared to address worker safety, vapor monitoring, soil testing, and soil removal, if contaminated soil is encountered.

- During the construction of the double track addition, soil will be excavated along the length of the ROW. Based on chemicals typically used along railroad tracks, there is a likelihood that residual chemicals may be present in the soil. For waste characterization purposes the soil should be sampled and analyzed to evaluate for the presence of OCPs, chlorinated herbicides, metals, PAHs, TPHs, VOCs, and PCBs. Soil samples should be collected at no more than 1,500 foot horizontal intervals and at one foot vertical intervals to a depth of approximately 5 feet bgs along portions of the double track addition planned to be within 25 feet of the rail center line. Surface samples should be analyzed for these target analytes. Deeper samples may be analyzed if significant concentrations of target analytes are detected.

The following recommendation applies to the project area:

- A SMP and site-specific health and safety plan detailing worker safety, vapor monitoring, soil testing, and soil removal should be prepared for this project.

1. INTRODUCTION

CH2M Hill has authorized Ninyo & Moore to perform an Initial Site Assessment (ISA) of the Lilac to Rancho Double Track Addition Project (project), along the Atchison, Topeka and Santa Fe (ATSF) Railroad right-of-way (ROW) in the City of Rialto, California (site, Figure 1). The ROW alignment is currently owned by Metrolink. Residential properties, commercial properties, and vacant land adjoin the site. The project consists of development of a double track addition along the ATSF ROW between Lilac Avenue and Rancho Avenue in the city of Rialto, California.

1.1. Purpose

The purpose of this ISA was to evaluate the likelihood that hazardous substances which may be present in soil or groundwater beneath the project as a result of on-site or off-site activities. To evaluate the likelihood of encountering hazardous substances during construction activities, Ninyo & Moore performed a limited evaluation of properties adjoining the site with regard to the potential presence of hazardous substances. A limited ASTM International (ASTM) 2013 standard was used to evaluate the site, which did not include interviews, user questionnaires, or agency requests. An environmental database radii search of 1/4-mile (from project boundary limits) was used to assess potential impacts to the site.

1.2. Involved Parties

Ms. Kristina Hill and Mr. Patrick Cullip of Ninyo and Moore conducted the site reconnaissance. Ms. Hill conducted the regulatory inquiries and historical research. Mr. Cullip and Mr. John Jay Roberts of Ninyo & Moore performed project oversight and quality review.

1.3. Approach

The emphasis of our evaluation included on-site and off-site properties which adjoin the site. The properties were evaluated according to the degree of impact as follows:

- **Considered Free of Significant Hazardous Waste** – Property which uses or stores hazardous materials but with no significant violations, known releases, or evidence of inadequate chemical-handling practices. Example properties would be active underground storage tank (UST) or dry cleaning facilities with no documented releases

or properties that are not adjacent to the site and remediation of previous releases had been completed.

- **Further evaluation is needed** – Property with potential or suspected impact within the area of the project. Examples of properties in this category would be leaking underground storage tank (LUST) properties in the vicinity of the site that are in the last stages of remediation or in post-remediation monitoring. LUST properties adjacent to the site are considered to be in this category, regardless of case status (unless ranked higher), as deed restrictions may exist for closed LUST cases. A second example would be a property within or adjoining the site with known use or storage of hazardous materials which had received violation notices from an inspecting agency or where visual evidence of inadequate chemical and storage practices (such as significant staining) were observed but where no environmental assessments had occurred. Also included in this category are facilities within or adjoining the site where USTs were suspected to have been present, but seemed to be abandoned by their former operators.
- **Contamination Indicated on Property** – Property with known or probable contamination within the area of the project. An example of a property in this category would be a LUST property where remediation had not been started or was not yet finished.

1.4. Scope of Services

Ninyo & Moore's scope of services for this ISA includes the activities listed below.

- Reviewed readily available maps and reports pertaining to the site, as provided by the client.
- Performed a site reconnaissance to visually locate areas of possibly contaminated surficial soil or surface water, improperly stored hazardous materials, possible sources of polychlorinated biphenyls (PCBs), and possible risks of contamination from activities at the site and adjacent properties.
- Reviewed available regulatory agency databases for the site and for properties located within a specified radius. The purpose of this review was to evaluate the possible environmental impact to the site. These databases list locations of known hazardous waste sites, landfills, LUSTs, permitted facilities that utilize USTs, and facilities that use, store, or dispose of hazardous materials.
- Prepared this ISA report documenting findings and providing opinions and conclusions regarding possible environmental impacts at the site.

1.5. Limitations and Exceptions of Assessment

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard of care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report. Please note that this study did not include an evaluation of geotechnical conditions or potential geologic hazards. In addition, it should be noted that this ISA does not include analysis of the following: asbestos-containing materials, methane gas, radon, lead-based paint, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources, industrial hygiene, health and safety, ecological resources, endangered species, indoor air quality, high voltage power lines, biological agents, and mold. In addition, Ninyo & Moore has not addressed interpretations of zoning regulations, building code requirements, or property title issues as part of this scope.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires any additional information or has questions regarding the content, interpretations presented, or completeness of this document.

Our findings, opinions, and conclusions are based on an analysis of the observed site conditions and the referenced literature. It should be understood that the conditions of a site can change with time as a result of natural processes or the activities of man at the subject site or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control. Ninyo & Moore cannot warrant or guarantee that not finding indicators of any particular hazardous material means that this particular hazardous material or any other hazardous materials do not exist on the site. Additional research, including invasive testing, can reduce the uncertainty, but no techniques now commonly employed can eliminate the uncertainty altogether.

2. SITE AND VICINITY DESCRIPTION

This section provides a general description of the land uses adjoining the site.

2.1. Overview

The site includes approximately 3 miles of railway corridor in Rialto and San Bernardino, California, from South Lilac Avenue, along the San Bernardino Line route of the Southern California Regional Rail Authority railroad, to North Rancho Avenue (Figure 1). The site trends generally east-west and curves southwest to northeast at approximately South Pepper Avenue.

A site reconnaissance was performed by Ninyo & Moore on November 30, 2016, to evaluate environmental conditions of the site and adjacent properties. Please refer to Figures 2 through 4, for a detailed illustration of the site. Photographs of the site and adjoining properties are included in Appendix B.

The properties with recognized environmental conditions (RECs), discussed in the following sections, are those properties that were listed on environmental databases of regulated facilities, a review of historical sources, and our site reconnaissance. A more detailed discussion of the historical sources is included in Section 3. A more detailed description of the facilities listed on the environmental databases is included in Section 4.

2.2. Site and Vicinity Conditions

The site includes a rail line corridor in the cities of Rialto and San Bernardino, California. The corridor extends westward approximately three miles along the ATSF ROW, from Control Point (CP) Lilac Milepost (MP) 52.4 to approximately CP Rancho, near MP 55.1 of the San Bernardino Line. The current configuration and adjacent developments of the project are described in three sections (western, central, and eastern sections): the railway corridor from the western boundary of the site to Sycamore Avenue (western section); the railway corridor from Sycamore Avenue to the Burlington Northern and Santa Fe Railway Company (BNSF) railroad (central section); and the railway corridor from the BNSF railroad to the eastern boundary of the site (eastern section).

2.2.1. Western Section

Primarily small businesses, commercial/industrial (e.g., warehouses and distribution centers), and residential properties were observed to the north and south of the western section of the site. The Metrolink train station was observed adjacent to the north of the site between South Willow Avenue and South Riverside Avenue.

2.2.2. Central Section

Primarily residential properties were observed to the north and south of the central section of the site. Temple Bautista was observed along the southern side of the site at Sycamore Avenue. Other properties adjacent to the central section of the site included: Forest River Portable Building Manufacturer at South Pepper Avenue and a vacant lot west of South Meridian Avenue.

2.2.3. Eastern Section

Primarily industrial (railroad container storage), vacant land, and residential properties were observed to the north and south of the eastern section of the site.

3. SITE AND VICINITY HISTORY

This section describes historical land use within the area of the project.

3.1. Aerial Photographs

Aerial photographs taken in 1938, 1949, 1953, 1959, 1966, 1968, 1974, 1989, 1995, 2002, 2005, 2009, 2010, and 2012 were provided by Environmental Data Resources, Inc. (EDR). Aerial photographs were reviewed to evaluate previous land use adjoining the site, which may suggest the past use of hazardous substances. The following sections provide a summary of our review.

3.1.1. Western Section

1938, 1949, and 1953 – The ATSF railway was observed in its current orientation. Adjacent properties north, south, and west of the site include orchards and agricultural land, with a residential development on the north side of the site between Willow

Avenue and Sycamore Avenue. The Pacific Electric Railroad (PER) is shown approximately 0.75 mile north of the ATSF Railroad on a parallel course.

1959, 1966, and 1968 – The site vicinity to the south was developed and also was vacant land, while adjacent properties to the north of the site were extensively developed with residential properties between South Willow Avenue and South Sycamore Avenue.

1974 and 1989 – Additional residential and commercial properties were developed to the north, south, and west of the site.

1995, 2005, and 2009 – Additional residential and commercial properties were developed to the north, south, and west of the site.

2010 and 2012 – The adjacent properties north, south, and west of site were similar to those observed during the site reconnaissance.

3.1.2. Central Section

1938, 1949, and 1953 – The ATSF railway was observed in its current orientation. Adjacent properties north and south of the site include orchards and agricultural land. The PER is shown approximately 0.75 mile north of the ATSF on an approximately parallel course.

1959, 1966, and 1968 – The site vicinity to the north and south of the site were developed with vacant properties (primarily south of the site) and with residential properties between South Sycamore Avenue and South Eucalyptus Avenue.

1974 and 1989 – Additional residential and commercial properties were developed to the north, south, and west of the site.

1995, 2005, and 2009 – Additional residential and commercial properties were developed to the north, south, and west of the site.

2010, and 2012 –The adjacent properties north and south of the site were similar to those observed during the site reconnaissance.

3.1.3. Eastern Section

1938, 1949, and 1953 – The ATSF railway was observed in its current orientation. Adjacent properties north, south, and east of the site include orchards and agricultural land. The eastern edge of the site is situated over the eastern edge of the Lytle Creek wash; an undeveloped perennial stream channel. The PER is shown crossing the ATSF at the latter railway's northeast bend, near Macy Street.

1959, 1966, and 1968 – The site vicinity to the north, south, and west of the site were developed with vacant and residential properties. A flood control basin spillway was developed at the southern edge of the Lytle Creek Wash, approximately 1,100 feet north of the eastern edge of the site.

1995 – A storage area for rail cars was developed adjacent to the site on the south side, between the Southern Pacific Railroad (SPR) and North Rancho Avenue.

2005 – An additional rail car storage area was developed adjacent to the site on the north side of the site west of North Rancho Avenue.

2009 – Additional residential properties were developed adjacent to the north of the site.

2010 and 2012 – The adjacent properties north, south, and east of the site were similar to those observed during the site reconnaissance.

In summary, due to the previous agricultural usage, it was possible that commercial pesticides and herbicides were applied along both sides of the ATSF Railway. Concentrations of these substances may still be present; however, grading might have affected surficial soils. During our review, we found no historical evidence of landing strips, pesticide or herbicide mixing areas, stained soils, or areas of disposal on the site. Therefore, we would not expect to find unusually high application concentrations of

commonly applied agricultural chemicals on the site. Based on our experience, we consider this to be a de minimis condition and not an environmental concern at the site.

3.2. Regional Geology

The site is located in the northern portion of the Peninsular Ranges Geomorphic Province (United States Geological Survey [USGS], 2004) and is underlain primarily by Quaternary older fan deposits approximately 500 feet deep. The easternmost approximately 2,000 feet of the site is underlain by Quaternary younger fan deposits and well dissected alluvial fans (Bortugno and Spittler, 1998). The younger fan deposits consist of unconsolidated to moderately consolidated, coarse-grained sand to boulder sediments (USGS, 2001). The city of Rialto is bound to the northeast by the San Jacinto Fault zone and to the southwest by the Rialto-Colton Fault.

3.3. Regional Hydrogeology

The site is located in the Rialto-Colton subbasin of the Upper Santa Ana Valley Groundwater Basin. Ninyo & Moore reviewed the California Department of Water Resources (CDWR) California Statewide Groundwater Elevation Monitoring (CASGEM) Online System for groundwater information in the site vicinity. Two wells are located in the vicinity of the site. One well, CASGEM Station #340997N1173309W002, is located approximately 1,900 feet southeast of the eastern terminus of the site, just south of Rialto Avenue. The depth to groundwater, recorded between December 2006 and November 2010, ranged from 207.0 to 219.5 feet below ground surface (bgs) (CADWR CASGEM, 2016). The second well, CASGEM well #340959N1173567W001, is located approximately 370 feet south of the central section of the site, just east of Eucalyptus Avenue. The depth to groundwater at this well, recorded between November 2011 and September 2016, ranged from 255 to 273 feet bgs (CADWR CASGEM, 2016). Groundwater in the site vicinity is expected to flow to the south toward the Santa Ana River (CADWR, 2004). Surface runoff in the vicinity is also expected to flow to the southeast toward the Santa Ana River, following regional topography (EDR, 2016b).

3.4. Topographic Maps

Based on a review of the USGS, Geologic Map of the San Bernardino South Quadrangle, San Bernardino and Riverside Counties, California (1967), and the USGS 7.5 Minute Fontana Quadrangle California Series (2012), the western section of the site is situated at an elevation of approximately 1,200 feet above mean sea level (msl), descending to 1,180 feet in the central and eastern sections. The site and immediate vicinity are relatively flat, with regional topography sloping toward the southeast.

Historical topographic maps dated 1896, 1898, 1901, 1938, 1943, 1953, 1954, 1967, 1973, 1980, and 2012 were provided by EDR. The following is a summary of our review.

1896, 1898, 1901 – The site was mapped as the Southern California Railroad, with major unimproved roads developed in the immediate vicinity.

1938 – The PER was constructed parallel to the ATSF Railway, approximately 0.75 mile to the north of the western section of the site, and crossing the site at Macy Street, where the ATSF railroad bends to the northeast for approximately one mile before continuing eastward. Additional commercial facilities marked as R.R. Shops were mapped along the ATSF Railway approximately 0.75 mile east of the site. An Icing plant was mapped approximately 0.5 mile southeast of the eastern edge of the site.

1943, 1953 – Boyd School was mapped adjacent to the northern side of the eastern section of the site at Sycamore Avenue.

1954 – A flood control basin spillway was constructed at the southern end of the Lytle Creek Wash approximately 1,100 feet north of the eastern edge of the site. Development included the paving of Lytle creek, which crosses the ATSF Railway 400 feet east of the site. Two residential neighborhoods were developed adjacent to the north side of the site: one between the ATSF railway and Foothill Boulevard along Macy Street, and another between the ATSF and PER at Eucalyptus Avenue. Land adjacent to the site is mapped as agricultural land; on the south side between Acacia Avenue and Meridian Avenue, between Macy Street and Rancho

Avenue, and on the north side between Acacia Avenue and Eucalyptus Avenue, and between Pepper Avenue and Macy Street.

1967, 1973, 1980 – A trailer park was mapped adjacent to the site, between Pepper Avenue and Rancho Avenue. With the exception of the lot north of the site between Meridian Avenue and the SPR, formerly agricultural land adjacent to the site was mapped as developed and populated land, including a civic center, library at Willow Avenue and Rialto Avenue, and a fire station north of the site at Riverside Avenue. A junior high school was mapped adjacent to the southern side of the site at Willow Avenue.

2012 – Structures were not observed on or adjacent to the site on the 2012 historical topographic map.

3.5. Oil and Gas Maps

According to the State of California Department of Conservation Division of Oil, Gas, and Geothermal Resources (DOGGR) Online Mapping System (DOGGR, 2016), the site does not lie within the administrative boundaries of an oil field and oil wells were not observed within the site boundaries. Oil wells were not located within one mile of the site. The well nearest the site is a former oil and gas well, Higgins #1. It is located approximately 1.5 miles south of the site near the intersection of West Olive Street and the SPR. This well is downgradient of the site, and is listed as plugged. This information is not considered an environmental concern to the site.

3.6. Sanborn Fire Insurance Rate Maps

Sanborn Fire Insurance Rate maps from 1892, 1907, 1911, 1929, and 1932 were provided by EDR. The Sanborn maps depicted various portions of the ATSF Railway and adjacent properties to the north and south of the site between Palm Avenue and Date Avenue. Businesses adjacent to the site between Orange Avenue and Olive Avenue in 1892 included a lumber yard, public school, railroad depot, and printing office. In 1907, businesses on the north side of the site were unchanged, with the addition of produce packing facilities. In 1911, additional fruit packing plants and fertilizer warehouses were mapped adjacent to the

north of the site. In 1929, businesses were not mapped on the south side of the site. In 1932, a series of facilities, including an undertaker, were mapped at Palm Avenue south of the site.

3.7. Other Documents

Ninyo & Moore was not provided with additional documents relevant to this site assessment.

3.8. Summary

The presence of a railroad ROW on the site presents a potential for contamination resulting from leaks or spills from the railcars or historic application of surface chemicals during railroad operations. Incidents of accidents or spills along the railroad tracks were not reported in the Emergency Response Notification System (ERNS) database (Section 4.8). Additionally, evidence of spills on the ATSF ROW was not observed. Based on Ninyo & Moore's experience, the suspected presence of railroad related chemicals in shallow site soils due to operation of the railroad tracks would be considered a REC for the site. Polycyclic aromatic hydrocarbons (PAHs), total petroleum hydrocarbons (TPHs), PCBs, organochlorine pesticides (OCPs), chlorinated herbicides, and metals are typically detected along railroad easements from operational activities, spills, and use of herbicides.

4. ENVIRONMENTAL DATABASE REPORT REVIEW

EDR performed a computerized environmental information database search dated November 28, 2016 (Appendix C). The EDR report included federal, state, and local databases. The following paragraphs describe the databases that contain noted properties of environmental concern, and include a discussion of the regulatory status of the facilities and potential environmental impact to the subject site.

Based on hydrologic information obtained from the CDWR CASGEM Online System (Section 3.3), groundwater within the site vicinity is estimated at approximately 250 feet bgs. Based on information from several facilities, groundwater is expected to flow generally to the southeast.

4.1. National Priorities List (NPL): Distance Searched – 1 mile

The NPL is the United States Environmental Protection Agency (EPA) database of uncontrolled or abandoned hazardous waste properties listed for priority remedial actions under the Superfund program.

Properties located within the searched distance were not listed on this database.

4.2. Proposed and Delisted NPL: Distance Searched – 1 mile

The Proposed NPL database lists properties that are currently being evaluated for priority remedial actions for the Superfund program. The Delisted NPL database includes properties that are deleted from the NPL database based upon the National Oil and Hazardous Substances Pollution Contingency Plan. This deletion takes place after no further response to the NPL is appropriate.

Properties located within the searched distance were not listed on this database.

4.3. Superfund Enterprise Management System (SEMS)/SEMS-Archive List: Distance Searched – ½ mile

The SEMS database tracks hazardous waste properties, potentially hazardous waste properties, and remedial activities performed in support of the EPA's Superfund Program across the United States. The list was formerly known as the Federal Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS), renamed to SEMS by the EPA in 2015. The list contains properties which are either proposed to be or on the NPL, and the properties which are in the screening and assessment phase for possible inclusion on the NPL. The SEMS-Archive database includes properties listed as No Further Remedial Action Planned (NFRAP).

Three properties within a ½-mile radius of the site were listed on this database and are discussed below.

1. Sales Unlimited
491 W Rialto Avenue
Rialto, California

Location: East of South Lilac Avenue, approximately 920 feet north and upgradient of the eastern section of the site.

Status: Other Cleanup Activity: State-Lead Cleanup. NPL status listed as not on the NPL.

State-lead cleanup was conducted in 2008. Additional information was not provided. Based on this information, this facility would not be considered an environmental concern to the site.

2. Rialto Mercury (JP Kelley Elementary School)
380 S Meridian Avenue
Rialto, California

Location: East of South Meridian Avenue, approximately 1,100 feet south and downgradient of the central section of the site.

Status: Removal Only Site (No Site Assessment Work Needed)

The location was designated a removal only site with no site assessment required in 2009. Based on this information, this facility would not be considered an environmental concern to the site.

3. D&M Drum Co.
137 S Lilac Avenue
Rialto, California

Location: East of South Lilac Avenue, approximately 600 feet north and upgradient of the western section of the site.

Status: NFRAP – Site does not qualify for the NPL based on existing information.

Additional information was not provided. Based on this information, this facility would not be considered an environmental concern to the site.

4.4. Corrective Action Report: Distance Searched – ¼ mile

The EPA maintains this database of Resource Conservation and Recovery Act (RCRA) facilities that are undergoing corrective action (CORRACTS). A corrective action order is issued when a release of hazardous waste or constituents into the environment from a RCRA facility has occurred.

Properties located within the searched distance were not listed on this database.

4.5. RCRA Treatment, Storage and Disposal (TSD) Facilities List: Distance Searched – ½ mile

The RCRA TSD database is a compilation by the EPA of facilities that report generation, storage, transportation, treatment, or disposal of hazardous waste.

Properties located within the searched distance were not listed on this database.

4.6. RCRA Generators List: Distance Searched – ¼ mile

This list maintains sites that generate hazardous waste as defined by RCRA. Inclusion on this list is for permitting purposes and is not indicative of a release.

Eighteen listings for facilities within a ¼-mile radius of the site were listed on this database. The eighteen facilities were listed as small quantity generators, large quantity generators, or non-generators with no violations found. Based on this information, these facilities would not be considered an environmental concern to the site.

4.7. Emergency Response Notification System (ERNS) List: Distance Searched – ¼ mile

The ERNS database contains information of reported releases of oil and hazardous substances and is maintained by the EPA.

Four facilities were listed within the ¼-mile search radius of the site and are discussed below:

1. Not Reported
282 South Sycamore Avenue

Status: Unknown

Incident: Malfunction of an above ground tank resulted in an overflow of 200 gallons of diesel fuel to soil in 1988. The spill was cleaned up by Crosby & Overton.

This facility is not within the project limits (adjacent to the western section of the site) and is not considered a REC.

2. Not Reported
300 South Cactus Avenue

Status: Unknown

Incident: A train struck a vehicle due to an unknown cause in 2003. There was no release of material involved in the incident.

This facility is not within the project limits (approximately 1,300 feet southwest of the western section of the site) and is not expected to be an environmental concern.

3. Not Reported
360 South Lilac Avenue

Status: Unknown

Incident: 23 gallons of perchloroethylene were released to soil due to unknown causes. Material was cleaned up on October 31, 2001.

This facility is not within the project limits (adjacent to the western section of the site) and is not considered a REC.

4. Not Reported
380 South Meridian Avenue

Status: Unknown

Incident: Mercury was brought to Kelley Elementary School in a plastic water bottle by a student in 2009. The student poured one ounce of the mercury onto a desk in a classroom. The spill was cleaned up by Double Barrel.

This facility is not within the project limits (approximately 1,100 feet south of the central section of the site) and is not expected to be an environmental concern.

4.8. United States Engineering Controls: Distance Searched – ¼ mile

This database is an EPA listing of sites with engineering controls in place, such as various forms of caps, building foundations, liners, and treatment methods intended to mitigate pathways for regulated substances to enter environmental media or affect human health.

Properties located within the searched distance were not listed on this database.

4.9. United States Institutional Controls: Distance Searched – ¼ mile

This database is an EPA listing of sites with institutional controls in place, such as administrative measures, groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements, intended to mitigate exposure to contaminants remaining on site.

Properties located within the searched distance were not listed on this database.

4.10. State Sites: Distance Searched – ¼ mile

The State Sites database consists of potential or confirmed hazardous substance release properties. In addition to the information provided by EDR, Ninyo & Moore reviewed the EnviroStor website for additional information (EnviroStor, 2017).

Two facilities were listed within the ¼-mile search radius of the site and are discussed below:

1. D&M Drum Co.
137 Lilac Avenue
Rialto, California

Location: South Lilac Avenue, approximately 600 feet north and upgradient of the western section the site.

Status: Certified Operation & Maintenance (O&M) – Land Use Restriction Only – 1/12/2015

Potential contaminants of concern (COCs) included halogenated organic compounds, hydrocarbon solvents, oxygenated solvents, waste oil and mixed oil, other pesticide containers (30 gallons or more), polymeric resin waste, cyanide, tetrachloroethylene, antimony, chloroform, ethylbenzene, and xylenes. Confirmed COCs included tetrachloroethylene, antimony, chloroform, ethylbenzene, and xylenes. Past uses of the facility included equipment/instrument repair, machine shop use, metal finishing and plating, painting and depainting. A Substantial Endangerment Determination and Remedial Action Order was issued in 2003 and resolved in 2014. Based on the regulatory status, this facility would be considered a REC to the site. See summary for additional notes regarding potential concerns.

2. Sales Unlimited Inc.
491 Rialto Avenue
Rialto, California

Location: Intersection of Rialto Avenue and Euclid Avenue, approximately 900 feet north and upgradient of the western section of the site.

Status: No Action Required – 8/28/2006

Potential and confirmed COCs included tetrachloroethylene. A site screening assessment report was completed in 2008 and approved by the EPA. Past uses included maintenance/cleaning, oil/water separators and vehicle maintenance. Based on this information, this facility is not considered an environmental concern to the site.

4.11. Solid Waste Landfill Sites (SWL): Distance Searched – ¼ mile

The SWL database consists of open and closed solid waste disposal facilities and transfer stations. The data comes from the Integrated Waste Management Unit Database.

Properties located within the searched distance were not listed on this database.

4.12. State Leaking Underground Storage Tank (LUST) Lists: Distance Searched – ¼ mile

Databases of the LUST information system are maintained by the California State Regional Water Quality Control Boards (RWQCBs). In addition to the information provided by EDR, Ninyo & Moore reviewed the GeoTracker website for additional information (GeoTracker, 2017).

Ten listings for properties within a ¼-mile radius of the site were listed on this database and are discussed below.

1. Fourth Street Rock Crusher
1945 West 4th Street
San Bernardino, California

Location: West 4th Street, approximately 1,000 feet northeast and upgradient of the eastern section of the site.

Potential Media Affected: Soil

Case Status: Completed – Case Closed, October 29, 2002

Based on the regulatory status and the distance to the site, this facility would not be considered an environmental concern.

2. National Convenience Store
105 South Pepper Avenue
Rialto, California

Location: South Pepper Avenue, approximately 600 feet north and upgradient of the central section of the site.

Potential Media Affected: Soil

Case Status: Completed – Case Closed, July 24, 1987

Based on the regulatory status and distance to the site, this facility would not be considered an environmental concern.

3. Circle K #5249
105 South Pepper Street
Rialto, California

Location: South Pepper Avenue, approximately 600 feet north and upgradient of the central section of the site.

Potential Media Affected: Soil

Case Status: Completed – Case Closed, March 9, 2000.

Based on the regulatory status and distance to the site, this facility would not be considered an environmental concern.

4. Inter AM/PM Mini Mart
2898 Rialto Avenue
San Bernardino, California

Location: Intersection of Rialto Avenue and South Pepper Avenue, approximately 880 feet north and upgradient of the central section of the site.

Potential Media Affected: Soil

Case Status: Completed – Case Closed, July 25, 1989

Based on the regulatory status and distance to the site, this facility would not be considered an environmental concern.

5. Best Oil Company
2898 West Rialto Avenue
San Bernardino, California

Location: East of South Pepper Avenue, approximately 880 feet north and upgradient of the central section of the site.

Potential Media Affected: Soil

Case Status: Completed – Case Closed, May 22, 2002

Based on the regulatory status and potential media affected, this facility would not be considered an environmental concern.

6. Rialto Unified School District
625 West Rialto Avenue
Rialto, California

Location: West of South Lilac Avenue, approximately 1,070 feet northwest and upgradient of the western section of the site.

Potential Media Affected: Soil

Case Status: Completed – Case Closed, November 9, 1999

Based on the regulatory status and distance to the site, this facility would not be considered an environmental concern.

7. Penhall Company
2190 Riverside Avenue
Rialto, California

Location: Riverside Avenue, approximately 2.5 miles south and downgradient of the western section of the site.

Potential Media Affected: Soil

Case Status: Completed – Case Closed, November 12, 1998

Based on the regulatory status, potential media affected, and direction, this facility would not be considered an environmental concern.

8. City of Rialto, Metrolink
290 Palm Avenue
Rialto, California

Location: East of South Lilac Avenue, adjacent to the north and upgradient of the western section of the site.

Potential Media Affected: Soil

Case Status: Completed – Case Closed, November 24, 1997

Based on the distance and direction, this facility would be considered a REC to the site.

9. Rialto USD Dist Admin/Warehouse
260 South Willow Avenue
Rialto, California

Location: East of South Lilac Avenue, adjacent to the north and upgradient of the western section of the site.

Potential Media Affected: Soil

Case Status: Completed – Case Closed, August 8, 1994.

Based on the distance and direction, this facility would be considered a REC to the site.

10. Arco #5305
484 Riverside Avenue
Rialto, California

Location: Intersection of Merrill Avenue and South Riverside Avenue, approximately 1,450 feet south and downgradient of the eastern section of the site.

Potential Media Affected: Soil

Case Status: Completed – Case Closed, December 1, 2000.

Based on the regulatory status, potential media affected, and distance to the site, this facility would not be considered an environmental concern.

4.13. Underground Storage Tank (UST) Registration List: Distance Searched – ¼ mile

UST records are provided by the SWRCB's Hazardous Substance Storage Container Database. Inclusion of facilities on this list does not indicate a release.

The following five properties within a ¼-mile radius of the site were listed on this database:

- Fourth Street Rock Crusher at 1945 West 4th Street (also listed on the LUST database, Section 4.12)
- Arco Petroleum Prod-Coltn at 239 South Riverside Avenue

- Circle K #5249 at 105 South Pepper Avenue (also listed on the LUST database, Section 4.12)
- Inter AM-PM Mini Mart at 2898 Rialto Avenue (also listed on the LUST database, Section 4.12)
- U S Sprint/Rialto SWH STA at 282 South Sycamore Avenue

Information from this database included a facility identification number, latitude and longitude coordinates, and the permitting agency. Information regarding the capacity, contents, or installation date of the USTs was not provided. Based on this information, these facilities are not considered an environmental concern to the site.

4.14. Permitted Aboveground Storage Tank (AST) List: Distance Searched – ¼ mile

According to EDR, AST records are provided by the Department of Building and Fire Safety. Inclusion of facilities on this list does not indicate a release.

Four listings within a ¼-mile radius of the site were listed on this database and are discussed below.

1. A & A Transport Inc
194 North Rancho Avenue
San Bernardino, California

Location: North Rancho Avenue, approximately 100 feet south and downgradient of the eastern section of the site.

Owner: A&R Logistics

AST Capacity: Not reported

2. SCE-Rialto Substation
1st & Date Avenue
Rialto, California

Location: East of Sycamore Avenue, approximately 1,300 feet north and upgradient of the western section of the site.

Owner: Southern California Edison

AST Capacity: 18,155 gallons

3. Rialto Unified School District
625 West Rialto Avenue
Rialto, California

Location: West of South Lilac Avenue, approximately 1,100 feet northwest and upgradient of the western section of the site.

Owner: Rialto Unified School District

AST Capacity: Not reported

4. Rialto Bioenergy Facility
503 South Santa Ana Avenue
Rialto, California

Location: East of North Palm Street, approximately 3 miles south and downgradient of the central section of the site.

Owner: Rialto Bioenergy Facility, LLC

AST Capacity: Not reported

Additional information was not provided by this database. Based on this information, these facilities would not be considered an environmental concern to the site.

4.15. Spills, Leaks, Investigations, and Cleanup (SLIC) Database: Distance Searched – ¼ mile

The RWQCB maintains reports of facilities that have records of SLICs.

Properties located within the searched distance were not listed on this database.

4.16. Voluntary Cleanup Program (VCP) Sites: Distance Searched – ¼ mile

This database is a California Environmental Protection Agency listing of properties involved in the voluntary remediation program.

Properties located within the searched distance were not listed on this database.

4.17. Brownfields: Distance Searched – ¼ mile

This database is a Department of Toxic Substances Control (DTSC) tracking system of California Brownfields sites.

Properties located within the searched distance were not listed on this database.

4.18. Indian Reservation: Distance Searched – ¼ mile

USGS map layer portrays Indian administered land within the United States with an area equal to or greater than 640 acres.

Indian reservation land was not found within the searched distance.

4.19. Indian LUST: Distance Searched – ¼ mile

This is a database maintained by the EPA of LUSTs on Indian land in Arizona, California, New Mexico, and Nevada.

Properties located within the searched distance were not listed on this database.

4.20. Indian UST: Distance Searched – ¼ mile

This is a database maintained by the EPA of USTs on Indian land.

Properties located within the searched distance were not listed on this database.

4.21. Historic Auto Stations: Distance Searched – ¼ mile

EDR provided a list of potential gas station/filling station/service station sites. This database falls within a category of information EDR classifies as “High Risk Historical Records (HRHRs).” EDR’s HRHR effort presents specific and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Forty-one listings within ¼-mile radius of the site were listed on this database and are discussed below.

Facility and Address	Distance/ Direction from Site	Groundwater Gradient (General for Vicinity Flow)	Year of Operation	Facility Type and/or Name	Environ- mental Concern (Y/N)
Smith D C Gas Station 1945 5 th Street ^a	West 4 th St, approx. 1,500 feet northeast of eastern section	Upgradient	1936	Richfield Oil Co.	N
			1942	Smith D C Gas Station	
			1949	Mitchell E	
Jacobsen C V Gas 1946 5 th Street	West 4 th St, approx. 1,100 feet northeast of eastern section	Upgradient	1936	Gasoline & Oil Service Stations	N
			1942		
Carnahan J A 1940 5 th Street	West 4 th Street, approx. 1,100 feet northeast of eastern section	Upgradient	1949	Gasoline Stations	N
Not reported 2207 Broadway Avenue	West of North Rancho Avenue, 315 feet northeast of eastern section	Upgradient	2001-2003	Preferred Auto Repair	N
Terry Glenn Auto 101 South Riverside Avenue	West of South Sycamore Avenue, 1,275 feet north of western section	Upgradient	1936	Automobile Repairing	N
Not reported 661 West Rialto Avenue	West of South Lilac Avenue, 915 feet northwest of the western section	Upgradient	1999 – 2008	Brown's Auto Works	N
Not reported 685 West Rialto Avenue	West of South Lilac Avenue, 1,500 feet northwest of western section	Upgradient	1999	Sloan's Automotive & Marine	N
Not reported 646 West Rialto Avenue	West of South Lilac Avenue, 1,650 feet northwest of western section	Upgradient	1999	Pop Toon Auto Service	N
			2001-2007, 2009-2011	Rialto Smog & Muffler	
Not reported 566 West Rialto Avenue	West of South Lilac Avenue, 1,300 feet northwest of western section	Upgradient	2006	RSR Auto Mechanic	N
			2007 – 2008	G&M Auto Repair	
Not reported 630 West Rialto Avenue	West of South Lilac Avenue, 1,630 feet northwest of western section	Upgradient	1999 – 2000	Manuel's Auto Transmission Mechanic Repair	N
			2001	Louie's Maintenance & Repair	
			2003, 2005	California Auto Center & Body	
			2004	Tows R Us & Auto Body	
			2006	G & R Rialto Muffler & Auto Repair	
			2007	Reyes Auto Repair	
			2009	M & R Auto Repair	
			2010	Auto Tow & Bodyworks	
			2011-2012	Kike's Auto Repair	

Facility and Address	Distance/ Direction from Site	Groundwater Gradient (General for Vicinity Flow)	Year of Operation	Facility Type and/or Name	Environ- mental Concern (Y/N)
Not reported 640 West Rialto Avenue	West of South Lilac Avenue, 1,640 feet northwest of western section	Upgradient	2012	Rialto Smog & Muffler	N
Not reported 160 South Lilac Avenue	South Lilac Avenue, 440 feet north of western section	Upgradient	2008	Ray & Sons Auto Repair & Transmission	N
Not reported 137 South Lilac Avenue	South Lilac Avenue, 600 feet north of western section	Upgradient	2003	No Problem Auto Repair	Y
Not reported 421 West Rialto Avenue	East of South Lilac Avenue, 850 feet north of western section	Upgradient	2000-2005 2009-2012	Caliber Collision Centers	N
Not reported 239 South Orange Avenue	South Orange Avenue, 185 feet north of western section	Upgradient	2010	J & K Auto Body & Towing	N
Not reported 225 South Orange Avenue	South Orange Avenue, 340 feet north of western section	Upgradient	2005, 2009	Ray & Sons Auto Repair & Transmission	N
Wilson J J Auto 208 South Riverside Avenue	South Riverside Avenue, 650 feet north of western section	Upgradient	1930	Moore Foster Auto Repair	N
			1936	Wilson J J Auto	
Harter E E Gas 200 South Riverside Avenue	South Riverside Avenue, 700 feet north of western section	Upgradient	1999	Schultz Phillip Gas Station	N
			1936, 1942	Harter E E Gas Vintage Motors	
Not reported 135 West Rialto Avenue	West of South Riverside Avenue, 500 feet north of western section	Upgradient	2006-2007	Mira Loma Auto Service	N
Not reported 595 South Riverside Avenue ^a	South Riverside Avenue, 2,150 feet south of western section	Downgradient	2001 – 2012	Econo Lube N Tune	N
Biggerstaff E S 110 East Rialto Avenue	West of South Sycamore Avenue, 680 feet north of western section	Upgradient	1942	Gasoline & Oil Service Stations	N
Butler C B Gas Station 110 East Rialto Avenue	West of South Sycamore Avenue, 680 feet north of western section	Upgradient	1930	O K Service Station	N
			1936	Butler C B Gas Station	
Not reported 2898 West Rialto Avenue ^b	North Pepper Avenue, 890 feet north of central section	Upgradient	2006, 2008-2009, 2011-2012	Quickie Arco AM PM	N
Not reported 2852 West Rialto Avenue	East of North Pepper Avenue, 725 feet north of central section	Upgradient	2010	E & F Engine Supply	N
Not reported 750 East Rialto Avenue	West of North Pepper Avenue, 1,150 feet north of central section	Upgradient	2005	Fontana Auto Repair Center	N
Not reported 630 East Rialto Avenue	West of North Pepper Avenue, 830 feet north of central section	Upgradient	2003	Manuel's Auto Transmission Mechanic	N

Facility and Address	Distance/ Direction from Site	Groundwater Gradient (General for Vicinity Flow)	Year of Operation	Facility Type and/or Name	Environ- mental Concern (Y/N)
Not reported 785 West Rialto Avenue	West of South Cactus Avenue, 1,850 feet northwest of western section	Up to crossgradient	1999-2000 2002-2003 2005-2006	Colima Transmissions	N
			2004, 2012	I Ten Auto Body Shop	
			2007-2009	Roberto's Mechanical General	
			2010	Chavez Mechanic & Electric	
Not reported 755 West Rialto Avenue	West of South Cactus Avenue, 1,835 feet northwest of western section	Up to crossgradient	2004 – 2005, 2007	Checkered Flag Automotive	N
			2006, 2010	Duane's Auto Repair	
			2008-2009 2011-2012	Ramos Auto Care	
Not reported 775 West Rialto Avenue	West of South Cactus Avenue, 1,890 feet northwest of western section	Up to crossgradient	2003 – 2008	ALS Auto Smog	N
			2008, 2012	Mira Loma Auto Service Inc.	
			2010	Olvera Auto Repair	
			2011	Payless Towing & Complete Autobody Repair	
Not reported 735 West Rialto Avenue	West of South Cactus Avenue, 1,800 feet northwest of western section	Up to crossgradient	2003	Express Automotive & Towing	N
			2004-2007 2010-2011	Jalisco Auto Repair	
			2009	Alex Body Shop	
			2012	S P Sula Body Shop	
Not reported 725 West Rialto Avenue	West of South Cactus Avenue, 1,720 feet northwest of western section	Up to crossgradient	2000-2003 2007-2008 2010-2011	Affordable Auto Service	N
			2004, 2012	Guadalajara Auto Repair	
			2005-2006, 2009	Pro Stop Auto Center	
Not reported 261 West Rialto Avenue	East of South Lilac Avenue, 700 feet north of western section	Upgradient	2003-2008 2010-2012	Certified Auto Specialties	N
Not reported 146 South Willow Avenue	East of South Lilac Avenue, 680 feet north of western section	Upgradient	1999, 2001	Salazar Auto Repair	N
Not reported 220 South Date Avenue	West of South Sycamore Avenue, 400 feet north of western section	Upgradient	1999-2002	Auto Repair	N
			2001	NAPA Auto Care Flores	
Not reported 289 South Palm Avenue	South Willow Avenue, adjacent to north side of western section	Upgradient	2005-2007	P & G Auto	N

Facility and Address	Distance/ Direction from Site	Groundwater Gradient (General for Vicinity Flow)	Year of Operation	Facility Type and/or Name	Environmental Concern (Y/N)
Not reported 241 South Palm Avenue	East of South Willow Avenue, 200 feet north of western section	Upgradient	1999 – 2002 2004 – 2010 2012	J & K Auto	N
Not reported 284 South Palm Avenue	South Willow Avenue, 210 feet north of western section	Upgradient	2010, 2012	M & M Custom Car Center	N
Not reported 280 South Palm Avenue	East of South Willow Avenue, 230 feet north of western section	Upgradient	2004 – 2005 2007 – 2008 2010 – 2012	P & G Auto Parts & Machines	N
			2006, 2009	Alex's Engines Inc.	
Not reported 495 South Burney Street	West of South Pepper Avenue, 1,670 feet north of central section	Upgradient	2005	S & M Auto Repair	N
Not reported 497 East South Street	East of South Sycamore Avenue, 800 feet south of central section	Downgradient	1930	Thompson E W Gas Station	N
			1936	Obar A S Gas Station	
			1942	Bell J S Gas Station	
			1949	Standard Stations	
Not reported 430 South Riverside Avenue	West of South Sycamore Avenue, 1,200 feet south of western section	Downgradient	2012	Jim's Muffler & Fab	N
Notes: ^a – listed on the UST database as Econo Lube & Tune at 595 South Riverside Avenue ^b – listed on the LUST database as Inter AM/PM and Best Oil Company at 2898 West Rialto Avenue N – No Y – Yes					

As stated in Section 4.10, the facility at 137 Lilac Avenue is considered a REC. Additional information was not provided by this database. The remaining listings are not indicative of a release and would not be considered an environmental concern to the site.

4.22. Drycleaners: Distance Searched – ¼ mile

EDR provided a list of drycleaner related facilities that have EPA identification numbers. These facilities with Standard Industrial Classification codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; dry cleaning plants except rugs; carpet and upholstery cleaning; industrial launderers; laundry and garment services.

The following two facilities were listed within the searched distance:

1. JJ Cleaners
316 South Riverside Avenue
Rialto, California

Location: West of South Sycamore Avenue, approximately 200 feet to the south and downgradient of the western section of the site.

Type: Power laundries, family and commercial

Status: Inactive (6/30/2004)

2. Value Cleaners
314 South Riverside Avenue
Rialto, California

Location: West of South Sycamore Avenue, approximately 200 feet to the south and downgradient of the western section of the site.

Type: Power laundries, family and commercial

Status: Inactive (6/30/2003)

This information is not indicative of a release and is not an environmental concern to the site.

4.23. Historic Drycleaners: Distance Searched – ¼ mile

EDR provided a list of potential historic dry cleaner sites. This database falls within a category of information EDR classifies as HRHRs. EDR's HRHR effort presents specific and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Eleven facilities under 13 listings were listed on this database. Out of these listings, the following eight facilities are located within the searched distance:

1. Not Reported
113 South Riverside Avenue
Rialto, California

Location: South Riverside Avenue, approximately 1,100 feet north and upgradient of the western section of the site.

Name: Artistic Cleaners

Year: 2001-2002, 2004-2005

2. Lawson J H Do Cleaner
112 South Riverside Avenue
Rialto, California

Location: South Riverside Avenue, approximately 1,250 feet north and upgradient of the western section of the site.

Type: Clothes Pressers and Cleaners

Year: 1930, 1942

3. Not Reported
735 West Rialto Avenue
Rialto, California

Location: West of North Cactus Avenue, approximate 950 feet to the north-northwest and upgradient of the western section of the site.

Name: On the Marc Pressure Washing

Year: 2005

4. Not Reported
144 Joyce Avenue
Rialto, California

Location: West of South Sycamore Avenue, approximately 350 feet north and upgradient of the central section of the site.

Name: Mayorgas Carpet Cleaning

Year: 2009

5. Not Reported
316 South Riverside Avenue
Rialto, California

Location: West of South Sycamore Avenue, approximately 200 feet to the south and downgradient of the western section of the site.

Name: JJ Cleaners

Year: 2010

6. Not Reported
314 South Riverside Avenue
Rialto, California

Location: West of South Sycamore Avenue, approximately 200 feet to the south and downgradient of the western section of the site.

Name: Value Cleaners (JJ Cleaners)

Year: 1999-2002, 2004 (2006, 2011-2012)

7. Larsen Dye
407 and 501 East South Street
San Bernardino, California

Location: East of South Riverside Avenue, approximately 1,000 feet to the south and downgradient of the western section of the site.

Name: Larsen Dye/Larsen Dye Works

Year: 1922, 1926, 1930, 1936, 1942, 1949

8. Master Cleaivers
406 East South Street
San Bernardino, California

Location: East of South Sycamore Avenue, approximately 850 feet to the south and downgradient of the central section of the site.

Name: Master Cleaivers

Year: 1949

Based on the distance and/or direction, these facilities would not be considered an environmental concern to the site.

4.24. Additional Non-ASTM International (Non-ASTM) Databases: Distance Searched – ¼ mile

The environmental database report had 76 listings on the Hazardous Materials Manifests Network (HAZNET) within the searched distance of ¼-mile. The HAZNET database is a compilation of hazardous waste manifests received by the DTSC. The following 11 facilities were adjacent to the site:

1. A & R Logistics
194 North Rancho Avenue
San Bernardino, California

Location: North Rancho Avenue, adjacent to the south and downgradient of the eastern section of the site.

Waste Category: Other organic solid, aqueous solution with total organic residues less than ten percent.

Years: 2010 – 2013

2. Veterans Administration
2273 West King Street
San Bernardino, California

Location: West King Street, adjacent to the north and upgradient of the eastern section of the site.

Waste Category: Household waste.

Years: 2000

3. Union Pacific Railroad
2423 West Rialto Avenue
San Bernardino, California

Location: West Rialto Avenue, adjacent to the south and downgradient of the central section of the site.

Waste Category: Liquids with pH ≤ 2.

Years: 2009

4. City of Rialto Redevelopment Agency
290 South Palm Avenue
Rialto, California

Location: East of South Willow Avenue, adjacent to the north and upgradient of the western section of the site.

Waste Category: Waste oil and mixed oil.

Years: 1997

5. 1X Young's Market
260 South Willow Ave.
Rialto, California

Location: West of South Willow Avenue, adjacent to the north and upgradient of the western section of the site.

Waste Category: Waste oil and mixed oil.

Years: 1993

6. Treetop Inc.
206 South Lilac
Rialto, California

Location: West of South Lilac Avenue, adjacent to the northeast and upgradient of the western section of the site.

Waste Category: Waste oil and mixed oil, aqueous solution with total organic residues less than ten percent, alkaline solution without metals pH ≥ 12.5 , off-specification, aged or surplus organics, unspecified alkaline solution, unspecified organic liquid mixture, halogenated solvents (chloroforms, methyl chloride, perchloroethylene).

Dates: 1996, 2002 – 2003, 2008 – 2009

7. Forest River
255 South Pepper Avenue
Rialto, California

Location: East of South Pepper Avenue, adjacent to the south and downgradient of the central section of the site.

Waste Category: Paint sludge

Years: 2012, 2014

8. Christina Sanchez
658 East Bonnie View Drive
Rialto, California

Location: East of South Eucalyptus Avenue, adjacent to the south and downgradient of the central section of the site.

Waste Category: Asbestos containing waste.

Years: 2014

9. Amber Steel Co.
312 South Willow Avenue
Rialto, California

Location: West of South Willow Avenue, adjacent to the south and downgradient of the western section of the site.

Waste Category: Unspecified oil containing waste, aqueous solution with total organic residues less than ten percent

Years: 1998, 2000, 2014

10. Fleetwood Travel Trailers of California, Inc.
255 South Pepper Avenue
San Bernardino, California

Location: East of South Pepper Avenue, adjacent to the south and downgradient of the central section of the site.

Waste Category: Unspecified alkaline solution, unspecified organic liquid mixture

Years: 2007

11. Pacific Equipment Logistics, LLC. (aka: Pacific High Reach)
360 South Lilac Avenue
Rialto, California

Location: West of South Lilac Avenue, adjacent to the southeast and downgradient of the western section of the site.

Waste Category: Other organic solids, oil/water separation sludge

Years: 2006 – 2007

The HAZNET listings are not indicative of spills or releases on the facilities and are therefore not environmental concerns to the site.

The environmental database report had 16 listings on the California Hazardous Materials Incident Report System (CHMIRS), a database containing hazardous material spill incidents reported to the Department of Transportation. These listings are summarized below.

1. Not Reported
2258 West 2nd Street
San Bernardino, California

Location: West 2nd Street, approximately 380 feet northwest and upgradient of the eastern section of the site.

Incident: Mineral oil spray on a transformer was reported at a road site. The cause of the release was unknown. Southern California Edison (SCE) tested for PCBs and cleaned up the site.

Date: May 28, 2003

2. Verizon Business-RLT
157 South Lilac Avenue
Rialto, California

Location: South Lilac Avenue, approximately 480 feet north and upgradient of the western section of the site.

Incident: 149 lbs. of Halon vapor were released due to an air conditioning system motor fire. The gas was released by the fire suppression system to mitigate the fire.

Date: March 31, 2016

3. Not Reported
436 West Rialto Avenue
Rialto, California

Location: East of North Lilac Avenue, approximately 1,300 feet north and upgradient of the western section of the site.

Incident: Two lumber loaded railcars derailed upright in Orange County Lumber Yard.

Date: September 15, 2015

4. Not Reported
2744 West Rialto Avenue
San Bernardino, California

Location: West of North Meridian Avenue, approximately 1,000 feet north and upgradient of the central section of the site.

Incident: 50 gallons of sewage were released from a manhole due to a grease stoppage. The release flowed to the street and into a storm drain. No waterways were impacted. The City of San Bernardino recovered 25 gallons of the sewage.

Date: October 21, 2014

5. Not Reported
West Rialto Avenue & South Macy Street
San Bernardino, California

Location: West Rialto Avenue, approximately 475 feet southeast and downgradient of the eastern section of the site.

Incident: An unreported amount of diesel fuel was released when a big rig driver hit a wall, splitting his saddle tank. The release was contained and cleaned up by a contractor.

Date: October 23, 2010

6. Not Reported
2826 West Rialto Avenue
San Bernardino, California

Location: West Rialto Avenue, approximately 800 feet north and upgradient of the central section of the site.

Incident: 200 gallons of sewage were released due to blockage in a private sewer line. The release did not enter waterways and was cleaned up by the reporting party.

Date: May 18, 2008

7. Not Reported
54 South Willow Avenue
Rialto, California

Location: Intersection of West Rialto Avenue and South Willow Avenue, approximately 1,000 feet north and upgradient of the western section of the site.

Incident: Details not provided in EDR report.

Date: March 5, 1988

8. Not Reported
219 South Riverside Avenue
Rialto, California

Location: South Riverside Avenue, approximately 450 feet north and upgradient of the western section of the site.

Incident: SCE reported 1.5 gallons of unknown PCB mineral oil released from a pressure release valve due to overheating of an overhead transformer. Additional information was not provided.

Date: June 4, 2014

9. Not Reported
200 South Sycamore Avenue
Bloomington, California

Location: South Sycamore Avenue, approximately 600 feet north and upgradient of the site.

Incident: 20 gallons of locomotive oil were released when an engine blew in the locomotive facility as it was out-bounding. The release was captured by secondary containment.

Date: March 17, 2016

10. Not Reported
246 South Willow Avenue
Rialto, California

Location: South Willow Avenue, approximately 200 feet north and upgradient of the western section of the site.

Incident: 2-2.5 gallons of latex paint and water were released to pavement due to human error. Additional information was not provided.

Date: May 14, 2011

11. Not Reported
201 South Cactus Avenue
Rialto, California

Location: West of South Lilac Avenue, approximately 700 feet west and up to crossgradient of the western section of the site.

Incident: 10 gallons of motor oil were released to a road when a big rig collided with a motor vehicle. A contractor conducted the cleanup.

Date: December 10, 2008

12. Not Reported
334 South Riverside Avenue
Rialto, California

Location: South Riverside Avenue, approximately 500 feet south and downgradient of the western section of the site.

Incident: An unreported amount of cooking grease was released into a street and storm drain when an underground grease storage facility overflowed. Additional information was not provided.

Date: August 8, 2006

13. Not Reported
320 South Riverside Avenue
Fontana, California

Location: Intersection of Bonnie View Drive and South Riverside Avenue, approximately 250 feet south and downgradient of the western section of the site.

Incident: An unknown quantity of natural gas vapor was released to the atmosphere when a vehicle drove over a ½" riser. No additional information was provided.

Date: June 6, 2014

14. Sprint Rialto Switch
282 South Sycamore Avenue
Rialto, California

Location: West of South Sycamore Avenue and adjacent on the north side to the western section of the site.

Incident: Details not provided in EDR report.

Date: 1988 – 1992

15. Not Reported
426 East South Street
Rialto, California

Location: East of South Sycamore Avenue, approximately 750 feet south and downgradient of the central section of the site.

Incident: SCE reported 3 gallons of non PCB mineral oil released when a pole top transformer overheated.

Date: August 25, 2010

16. Not Reported
402 East South Street
Rialto, California

Location: East of South Sycamore Avenue, approximately 750 feet south and downgradient of the central section of the site.

Incident: SCE reported 3 gallons of mineral oil with possible PCBs released when a pole top transformer overheated.

Date: August 25, 2010

This information is not indicative of a REC and is not an environmental concern to the site.

The environmental database report had 12 listings on the historic UST database, which contains a list of registered historical USTs. The following four facilities were adjacent to the site and not listed on other UST databases reported above.

1. City of Rialto/Maint Yard
246 South Willow Avenue
Rialto, California

Location: South Willow Avenue, adjacent to the north and upgradient of the western section of the site.

UST: Unknown capacity, unknown contents

Year Installed: Unknown

2. Wells Fargo Alarm Services
300 South Sycamore Avenue
Rialto, California

Location: South Sycamore Avenue, adjacent to the south and downgradient of the western section of the site.

UST: 1,500-gallon waste

Year Installed: 1976

3. Amber Steel Company
312 South Willow Avenue
Rialto, California

Location: South Willow Avenue, adjacent to the south and downgradient of the eastern section of the site.

UST-1: 10,000-gallon regular unleaded motor vehicle fuel

Year Installed: 1972

UST-2: 6,000-gallon regular motor vehicle fuel

Year Installed: 1978

4. Fleetwood Travel Trailers of C
255 South Pepper Avenue
Rialto, California

Location: South Pepper Avenue, adjacent to the south and downgradient of the central section of the site.

UST: 1,000-gallon gasoline

Year Installed: 1970

Since they were not listed on the LUST database, these facilities are not considered an environmental concern to the site.

5. SITE RECONNAISSANCE

On November 30, 2016, a site reconnaissance was conducted by Ms. Kristina Hill and Mr. Patrick Cullip of Ninyo & Moore. The reconnaissance involved a tour of the ATSF ROW from public ROWs and visual observations of the intersecting roadways, railroad tracks, and adjoining properties. Properties adjoining the site were observed from public ROWs only. Individual property observations and interviews were not conducted.

5.1. Polychlorinated Biphenyls (PCBs)

High-voltage power lines were observed along the central section of the site along South Eucalyptus Avenue, South Pepper Avenue, and South Meridian Avenue. Potentially PCB-containing pole-mounted transformers were not observed on the site.

5.2. Hazardous Substances

Signs for an underground water or sewage pipeline were observed at the intersection of the ATSF ROW and South Eucalyptus Avenue. Four breather pipes protruded from the ground surface at this location; two on the northern side of the railroad tracks and two on the southern side (Figure 3). The presence of a water or sewage pipeline near the site does not represent a REC.

ASTs of unknown capacity and contents were observed at 201 South Cactus Avenue, the former location of Kaytee Products. This facility is located northwest of the western section of the site (northeast corner of the ATSF ROW and South Cactus Avenue). Staining or evidence of release was not observed.

Physical evidence of storage or mishandling of hazardous substances on or adjacent to the site was not observed during the site reconnaissance.

5.3. Solid Waste Disposal

Small piles of illegally dumped material (bricks, gravel, and dirt) and debris (trash) were observed on the central section of the site (Figure 3). Evidence of disposal of hazardous materials or petroleum products was not observed. Solid waste disposal would not be an environmental concern for the site.

5.4. Additional Observations

Additional observations with regard to the presence of hazardous materials were not noted.

6. SUMMARY OF FINDINGS

Below is a general discussion of the findings of the historical site use, database review, and the site reconnaissance.

Site Historic Use and Conditions

Due to the previous agricultural usage, both sides of the ATSF ROW may have been applied with commercial pesticides and/or herbicides. Concentrations of these substances may still be present; however grading may have affected surficial soils. Based on our experience, we consider this to be a de minimis condition and not an environmental concern for the site.

Aerially deposited lead (ADL) may be present in the soil as a result of historical vehicle emissions during the era of leaded gasoline at major cross streets and adjacent roads.

The site does not lie within the administrative boundaries of an oil field and oil wells were not observed within the site boundaries. Oil wells were not located within 1 mile of the site. This information is not considered an environmental concern to the site.

PCBs, hazardous waste storage, or improper waste storage were not observed during the site reconnaissance.

The presence of a railroad ROW on the site presents a potential for contamination resulting from leaks or spills from the railcars or historic application of surface chemicals during railroad operations. Incidents of accidents or spills along the railroad tracks were not reported in the ERNS database (Section 4.8). Additionally, evidence of spills on the ATSF ROW was not observed. Based on Ninyo & Moore's experience, the suspected presence of railroad related chemicals in shallow site soils due to operation of the adjacent railroad tracks would be considered a REC for the site. PAHs, TPHs, PCBs, OCPs, chlorinated herbicides, and metals are typically detected along railroad easements from operational activities, spills, and use of herbicides.

Environmental Database Review

NPL, CORRACTS, RCRA TSD facilities, Engineering/Institutional Control properties, SWL, SLIC, VCP, Brownfields, Indian Reservation, Indian LUST and Indian UST were not listed within the search radii of the site.

Several listings for facilities on various environmental databases (including RCRA Generators, UST, AST, Dry Cleaners and Historic Dry Cleaners) were presented in the EDR report, but were not considered environmental concerns to the site (Section 4).

Ten listings were reported on the LUST database within the search radii. Two adjacent properties were listed as closed on this database: City of Rialto, Metrolink at 290 South Palm Avenue, adjacent to the north of the western section of the site; and Rialto USD Dist. Admin/Warehouse at 260 South Willow Avenue, adjacent to the north of the western section of the site. Based on their proximity to the western section of the site (adjacent to the north and upgradient), these listings are considered RECs.

There were two properties listed for releases in the EnviroStor database. One of these properties, D&M Drum Co., was listed with the status of Certified O&M. This property is under a land use covenant against the development for residential purposes. Due to potential hazardous material release and conditional usage, this property is considered a REC to the site.

There were several adjacent listings on non-ASTM databases, including HAZNET, HMIRS, RMP, and Historic USTs. These listings were not considered environmental concerns to the site.

7. CONCLUSIONS

Properties within ¼-mile of the site were reviewed for the presence of possible impact through field observations, historical research, and an environmental database search. Based on the results of this ISA, Ninyo & Moore has found the following RECs for the site:

- There is a potential for ADL from automotive exhaust in unpaved shallow soil or landscaped areas along cross streets and adjacent roads to the ATSF ROW (Section 6).
- There is a potential for soil to be impacted along the ATSF ROW and along former rail spurs on the site. PAHs, TPHs, PCBs, OCPs, chlorinated herbicides, and metals are typically detected along railroad easements from operational activities, spills, and use of pesticides and herbicides.

- There is a potential for soil to be impacted at the site near 290 South Palm Avenue and 260 South Willow Avenue, due to the presence of closed LUST cases. TPHs and volatile organic compounds (VOCs) are typically associated with LUST cases.
- A potential for soil to be impacted exists near the site at 137 South Lilac Avenue, due to potential hazardous material releases from former property operations (equipment/instrument repair, machine shop use, metal finishing and plating, painting and depainting) and a land use covenant placed against the property for development for residential purposes.
- There is a potential for soil to be impacted near the northwest corner of the intersection of the ATSF ROW and the BNSF railway due to the presence of an underground hazardous liquid pipeline along the BNSF railway.

8. RECOMMENDATIONS

Based upon the findings of this study, Ninyo & Moore makes the following recommendations for the site. These recommendations are provided to evaluate the potential for construction worker exposure and for potential waste characterization purposes.

- ADL may be present in the soil as a result of historical vehicle emissions during the era of leaded gasoline. An ADL survey should be conducted in areas of exposed soil which will be disturbed during construction within 10 feet of major cross streets and adjacent major roads to the ATSF ROW. ADL borings should be located along the shoulders and medians where earth will be disturbed. The borings should be advanced up to 4 feet bgs or the maximum anticipated construction depth, whichever is shallower.
- Groundwater is not expected to be encountered during construction as the expected depth to groundwater is approximately 200 feet bgs and the expected maximum earth disturbance depth is 20 feet bgs. However, if construction plans change and groundwater will be encountered, we recommend collecting and analyzing groundwater samples for the constituents needed to apply for a construction dewatering discharge permit.
- Petroleum hydrocarbons and volatile organic compounds may be present in soil and groundwater beneath the site as a result of the presence of: a 200 gallon diesel fuel release near the intersection of the ATSF ROW and South Sycamore Avenue; a perchloroethylene release near the intersection of the ATSF ROW and South Lilac Avenue; several USTs and LUSTs in the site vicinity; and a hazardous liquid pipeline near the intersection of the ATSF ROW and the BNSF Railway. A Soil Management Plan (SMP) should be prepared to address worker safety, vapor monitoring, soil testing, and soil removal, if contaminated soil is encountered.
- During the construction of the double track addition along the ATSF, soil will be excavated along the length of the ROW. Based on chemicals typically used along railroad tracks, there is a likelihood that residual chemicals may be present in the soil. For waste characterization purposes the soil should be sampled and analyzed to evaluate for the presence of OCPs,

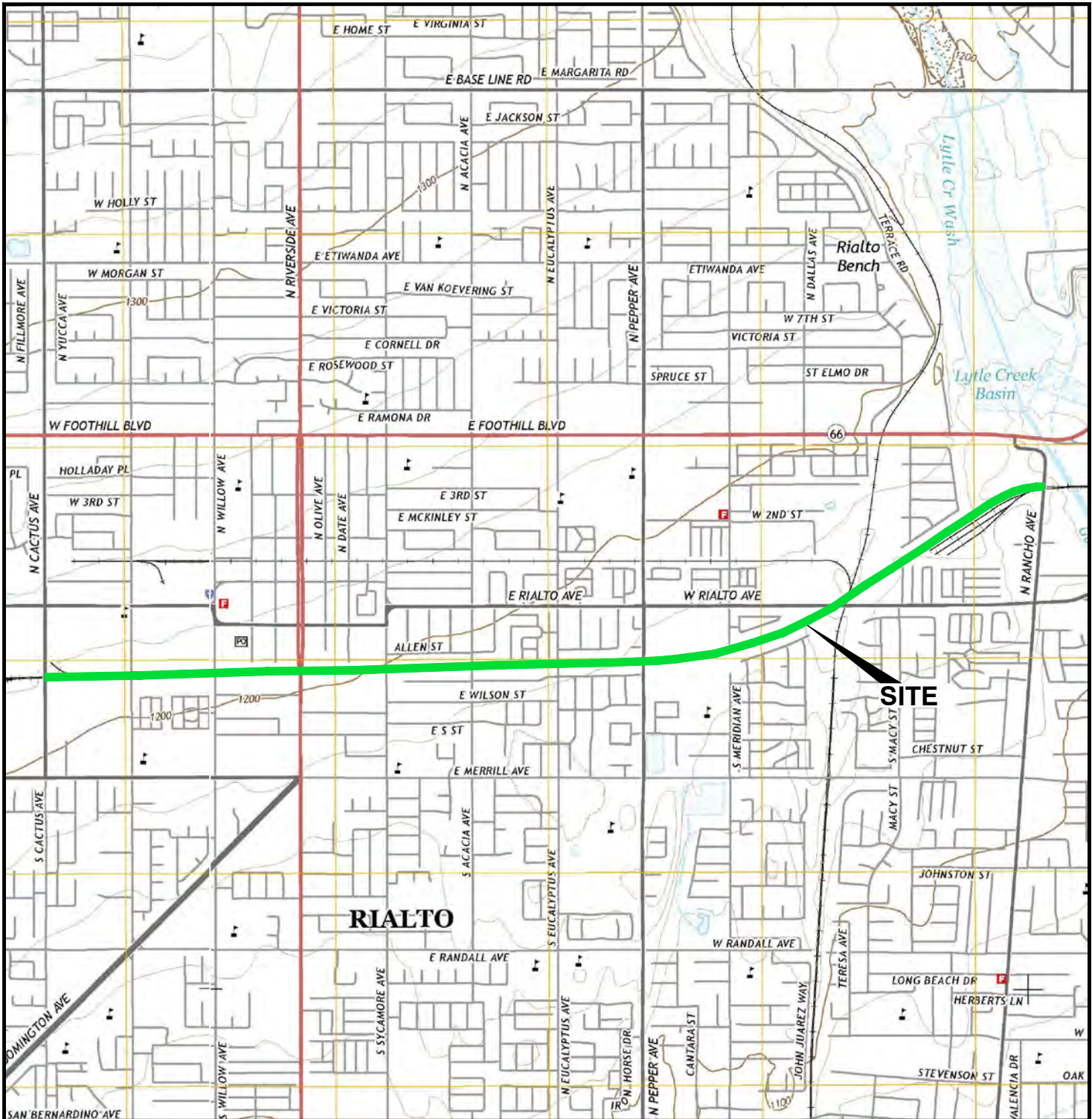
chlorinated herbicides, metals, PAHs, TPHs, VOCs, and PCBs. Soil samples should be collected at no more than 300 foot horizontal intervals and at one foot vertical intervals to a depth of approximately 5 feet bgs along portions of the double track addition planned to be within 25 feet of the rail center line. Surface samples should be analyzed for these target analytes. Deeper samples may be analyzed if significant concentrations of target analytes are detected.

The following recommendation applies to the project area:

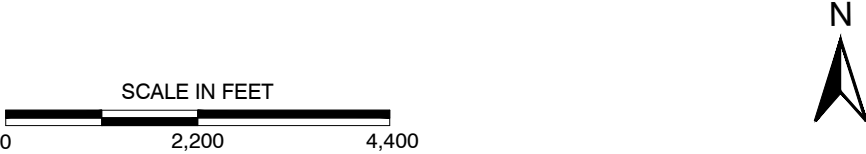
- A SMP and site-specific health and safety plan detailing worker safety, vapor monitoring, soil testing, and soil removal should be prepared for this project.

9. REFERENCES

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- California Department of Water Resources, 2004, California's Groundwater Bulletin 118 Hydrologic Region South Coast Upper Santa Ana Groundwater Basin, updated February, 2004.
- California Department of Water Resources, CASGEM Online System, October 2016, [https://www.casgem.water.ca.gov/OSS/\(S\(g1vbaik1s3ac0ev1nhlrqis1\)\)/Public/WellInfo.aspx?WellKey=48235&Src=P&Menu=N&Digest=oETVEEHM89YtPUD9c9INFA](https://www.casgem.water.ca.gov/OSS/(S(g1vbaik1s3ac0ev1nhlrqis1))/Public/WellInfo.aspx?WellKey=48235&Src=P&Menu=N&Digest=oETVEEHM89YtPUD9c9INFA)
- California State Water Resources Control Board, 2016, GeoTracker Database, <http://geotracker.waterboards.ca.gov>, accessed in November.
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- E.J. Bortugno and T.E. Spittler, 1986, Geologic Map of the San Bernardino Quadrangle, Scale 1:250,000, Revised 1998.
- Environmental Data Resources, Inc., 2016a, The EDR Aerial Photo Decade Package: SANBAG-Rancho to Lilac, Rialto, California 92376, dated November 3.
- Environmental Data Resources, Inc., 2016b, EDR Historical Topographic Map Report: SANBAG-Rancho to Lilac, Rialto, California 92376, dated November 3.
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- United States Geological Survey, 2004, Southern California Areal Mapping Project, Geologic Provinces of Southern California, http://geomaps.wr.usgs.gov/archive/scamp/html/scg_prov.html
- United States Geological Survey, 2001, Geologic Map of the Devore 7.5' Quadrangle, San Bernardino County, California, dated 2001.



REFERENCE: 7.5 MINUTE USGS TOPOGRAPHIC MAP OF FONTANA AND SAN BERNARDINO SOUTH, CALIFORNIA QUADRANGLES, DATED 2015, SCALE 1:24000.



NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

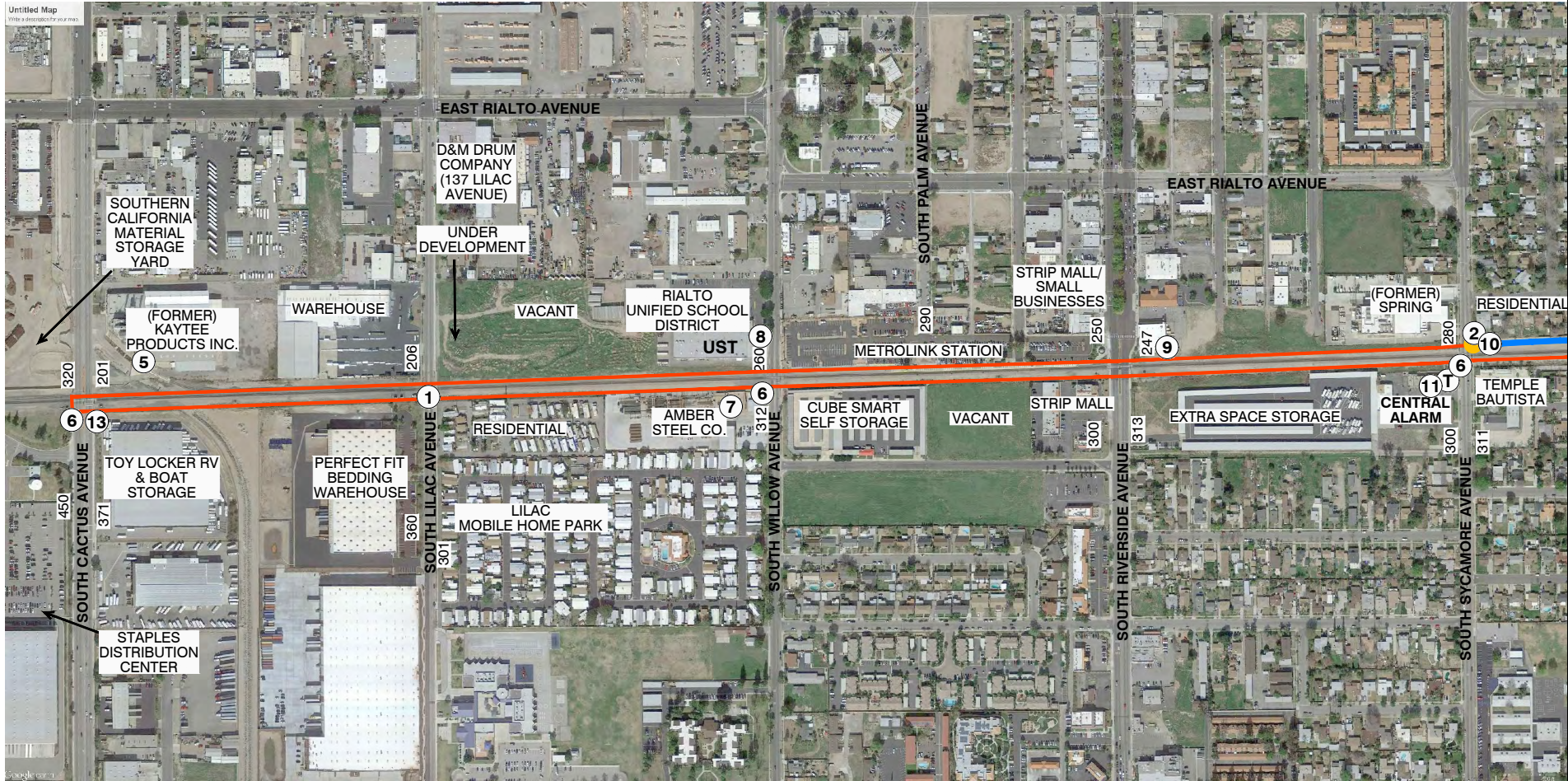
SITE LOCATION

FIGURE

PROJECT NO.	DATE
209884001	6/17

RAILROAD ROW FROM SOUTH CACTUS AVENUE
TO NORTH RANCHO AVENUE
RIALTO, CALIFORNIA

1



REFERENCE: GOOGLE EART AERIAL PHOTO, 2016.

LEGEND

—	SITE BOUNDARY	●	STOCKPILE
—	STORM DRAIN	UST	UNDERGROUND STORAGE TANK
T	POLE MOUNTED TRANSFORMER	11	PHOTO LOCATION AND NUMBER DESIGNATION



SCALE IN FEET



NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

SITE PLAN - WESTERN SECTION

RAILROAD ROW FROM SOUTH CACTUS AVENUE
TO NORTH RANCHO AVENUE
RIALTO, CALIFORNIA

PROJECT NO.

209884001

DATE

6/17

FIGURE

2

MATCH LINE - SEE FIGURE 3

MATCH LINE - SEE FIGURE 2



REFERENCE: GOOGLE EART AERIAL PHOTO, 2016.

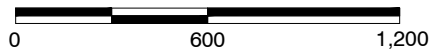
MATCH LINE - SEE FIGURE 4

LEGEND

	SITE BOUNDARY		STOCKPILE
	STORM DRAIN		GAS VENT
	HIGH VOLTAGE POWER LINE		PHOTO LOCATION AND NUMBER DESIGNATION



SCALE IN FEET



NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

SITE PLAN - CENTRAL SECTION

FIGURE

PROJECT NO.

DATE

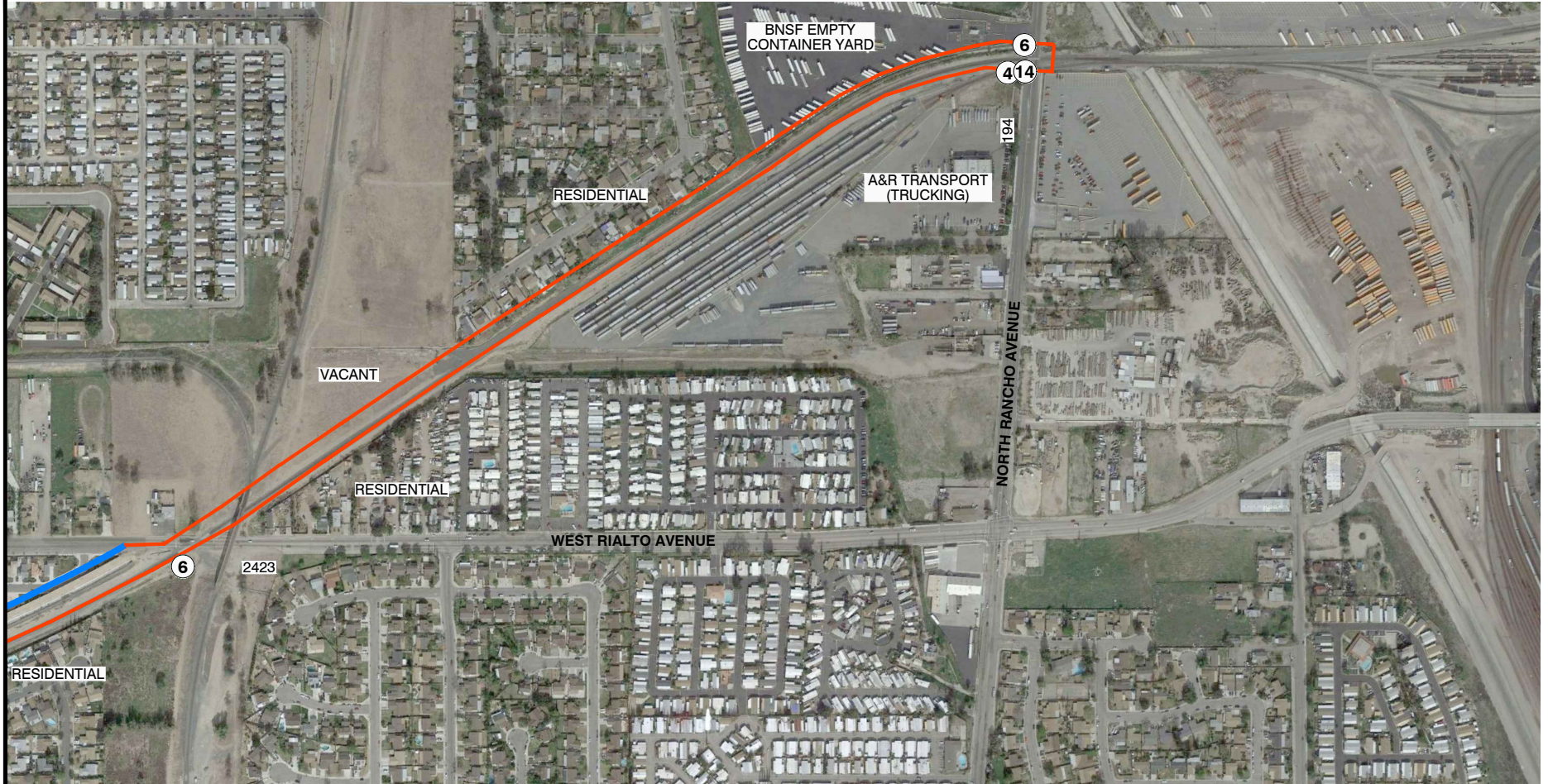
RAILROAD ROW FROM SOUTH CACTUS AVENUE
TO NORTH RANCHO AVENUE
RIALTO, CALIFORNIA

209884001

6/17

3

MATCH LINE - SEE FIGURE 3

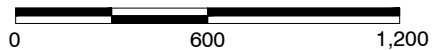


REFERENCE: GOOGLE EART AERIAL PHOTO, 2016.

LEGEND	
	SITE BOUNDARY
	STORM DRAIN
	PHOTO LOCATION AND NUMBER DESIGNATION



SCALE IN FEET



NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE.

Ninyo & Moore

SITE PLAN - EASTERN SECTION

RAILROAD ROW FROM SOUTH CACTUS AVENUE
TO NORTH RANCHO AVENUE
RIALTO, CALIFORNIA

PROJECT NO.

209884001

DATE

6/17

FIGURE

4

APPENDIX A
RESUMES OF PROFESSIONALS

JOHN JAY ROBERTS, PG, CEG

SENIOR GEOLOGIST

EDUCATION

B.S., Geology, 1973, University of Southern California

REGISTRATIONS AND CERTIFICATIONS

PG 3489 (California)

CEG 1018 (California)

EXPERIENCE HIGHLIGHTS

Environmental Assessments for Schools

Human Health Risk Screening

Evaluations for School Sites

Environmental and Geotechnical Services for Redevelopment of an Existing School Site

Brownfields Clean-up Grant Application for Industrial Property

Environmental Services for a New High School

Pipeline Risk Analyses

Groundwater Discharge Evaluation for Dewatering Subdrain

Environmental Assessment for Redevelopment of a Commercial Site

Environmental Consulting Services for Commercial, Industrial, and Residential Properties

Redevelopment of Former Lockheed B-1 Facility

Hazardous Waste Landfill Expansion

Hazardous Waste Ponds Investigations

Geological Logging and Coordination During the Installation of Three Groundwater Production Wells

Hydrogeological Assessment Report

PROFESSIONAL AFFILIATIONS

Association of Engineering Geologists

National Groundwater Association

As a Senior Geologist, Mr. Jay Roberts has extensive experience performing environmental and geotechnical investigations of commercial and industrial properties and environmental site assessments of school sites, including Initial Site Assessments (ISAs), Hazardous Materials Assessments (HMAs), Phase Is, Phase IIs, PEA, SSI, RAW, RAP, and O&M plans. Mr. Roberts has completed characterization, remediation, and human health assessments on numerous properties. He has prepared successful applications for Brownfields clean-up grants and managed and performed hydrogeologic investigations, groundwater resource evaluations, and water supply studies. He also provides expert witness and litigation support for environmental, geotechnical, and mining matters.

REPRESENTATIVE PROJECT EXPERIENCE

Initial Site Assessment Ball Road Grade Separation, Anaheim, California: Technical Director for an ISA for the Ball Road Grade Separation Project in Anaheim. The project includes evaluation of alternatives for Ball Road at the interchange with the Metrolink/SCRRA Railroad rail crossing. The ISA included review of historical sources for previous uses involving hazardous wastes, regulatory agency databases research, and site reconnaissance to view for indications of potential hazardous waste impact on facilities along the proposed alignments.

Initial Site Assessment Raymond Avenue Grade Separation, Fullerton, California: Technical Director for an ISA and ADL for the Raymond Avenue Grade Separation Project in Fullerton. The project includes the lowering of Raymond Avenue to create an underpass at the Burlington Northern Santa Fe (BNSF) rail crossing. The Project in-progress will include an ADL Survey and subsurface investigation for suspected impacts in the exposed soil areas along Raymond and Valencia Avenues.

Initial Site Assessment State College Boulevard Separation and ADL Survey, Fullerton, California: Technical Director for an ISA and ADL for the State College Boulevard Separation Project in Fullerton. The project involves the lowering of State College Boulevard to create an underpass at the Burlington Northern Santa Fe (BNSF) rail crossing. The Project includes an ADL Survey in the exposed soil areas along State College Boulevard.

Initial Site Assessment Mount Vernon Avenue Bridge Expansion, San Bernardino, California: Technical Director for an ISA for the Mount Vernon Bridge Expansion project. The Project involved research and review of historical documents into property uses dealing back into the early 1900's due to long history of the site usage as a railroad hub. The records reviewed consisted of environmental investigations, remedial activities, and contaminated groundwater. Regulatory agencies representatives were also contacted for specifics on current states of remedial activities at impacted sites within the influence of the Project.

Initial Site Assessment Milliken Avenue, Mission Boulevard, and Philadelphia Street, Ontario, California: Technical Director for an ISA and ADL for the proposed grade separation at the existing at-grade crossing of South Milliken Avenue and the Union Pacific Railroad (UPRR) in Ontario, California. The Project includes an ADL survey to be performed adjacent to Milliken Avenue, Mission Boulevard, and Philadelphia Street to evaluate surface and subsurface soil for the presence and concentration of ADL in proposed roadway improvement areas.

Phase I Environmental Site Assessments, Tehachapi Renewable Transmission Project, Kern County, California for Southern California Edison (SCE): Project Manager for Phase I Environmental Site Assessments (ESAs) for 10 separate Sites in Kern County, California for Southern California Edison (SCE) for the Tehachapi Renewable Transmission Project. The Phase I ESAs were performed in accordance with the ASTM International (ASTM), Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process Designation E 1527-05 and Practices for All Appropriate Inquiries (AAI) as set forth in the Code of Federal Regulations (CFR), Title 40, Part 312. In order to meet the accelerated schedule for the project, the 10 separate Phase I ESA reports were completed within approximately three weeks from authorization. In accordance with the ASTM and AAI requirements, Ninyo & Moore reviewed readily available historical documents, including historical aerial photographs, Sanborn Fire Insurance Rate maps, building department records, historical topographic maps, and city directories, as applicable. Ninyo & Moore conducted a review of federal, state, tribal, and local regulatory agency databases for each Site and for properties located within the specified radius (by the ASTM Standard) of each Site for locations of known hazardous waste sites, landfills, leaking underground storage tanks (LUSTs), and permitted facilities with USTs.

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REPRESENTATIVE PROJECT EXPERIENCE (continued)

The Phase I ESAs included a reconnaissance of each Site to document existing hazardous materials handling, storage, and disposal practices, areas of possibly contaminated surficial soil or surface water, possible sources of polychlorinated biphenyls (PCBs), USTs and ASTs, and possible sources of contamination from activities at the Site and adjacent properties, and an interview of each Site property representative. The results of each Phase I ESA were presented in a comprehensive report, which included a summary whether or not recognized environmental conditions (RECs) were found on any of the 10 Sites.

Environmental Site Assessments and Hazardous Building Materials Survey, Beverly Hills Post Office Building, California: Project Manager for a Preliminary Environmental Site Assessment/Phase I ESA of the proposed Wallis Annenberg Cultural Center of Beverly Hills. The site consisted of the existing historic Beverly Hills Post Office building and surrounding parking lots proposed to be converted to a new cultural center, including an underground parking structure proposed to be constructed beneath existing street rights of way and portions of the adjacent Beverly Hills City Hall property. Ninyo & Moore reviewed historical and regulatory records, conducted a site reconnaissance, and interviewed property representatives in order to prepare a comprehensive report summarizing potential environmental concerns associated with redevelopment of the site. Potential environmental concerns (PECs) included the historical development of the site as lumber storage yard, a train depot, and railroad right-of-ways, the former presence of an underground storage tank, and releases associated with off-site fire station and gas station facilities. Also, due to the age of the building the presence of the potential presence of asbestos-containing materials (ACMs), lead-based paints (LBPs), and other hazardous building materials was suspected.

Environmental Assessments for 12 School Sites, Western Riverside County, California: Project Manager for Phase I studies through complete environmental investigations and site closure status granted by DTSC, the lead regulatory agency. All 12 sites required DTSC's rigorous PEA investigations, including soil gas and/or soil matrix sampling. One site required a soil RAW and implementation. Public participation services in accordance with DTSC requirements were also provided.

Environmental Assessments for 10 School Sites, Western San Bernardino County, California: Project Manager for Phase I studies through complete environmental investigations and site closure status granted by DTSC, the lead regulatory agency. All 10 sites required DTSC's rigorous PEA investigations, including soil gas and/or soil matrix sampling. Sampling and analyses was conducted on the sites primarily for past agricultural activities. One site required an additional investigation for an on-site burn dump. Public participation services in accordance with DTSC requirements were also provided to the client school district.

Environmental Consulting Services for Commercial, Industrial, and Residential Properties Throughout California, Oregon, and Washington: Project Manager for Phase I studies throughout the western United States. Mr. Roberts managed, directed, coordinated a staff conducting Phase Is, and reviewed and signed each report. These services were performed for a variety of fiduciary institutions, attorneys, and school districts. These services included complete investigations to meet ASTM standards, as well as additional studies required by the client. In order to fully characterize conditions, Phase II investigations were recommended and completed, ranging from additional historical research through soil and/or groundwater sampling.

PATRICK CULLIP, ENV SP, EIT

PROJECT ENVIRONMENTAL ENGINEER

EDUCATION

B.S. Mechanical Engineering, Loyola Marymount University, Los Angeles

REGISTRATIONS AND CERTIFICATIONS

Loss Prevention System (LPS)
OSHA HAZWOPER with annual 8-hour refreshers

OSHA HAZWOPER Site Supervisor Training

OSHA Excavation Competent Person Certification

First Aid and CPR Training

BNSF Contractor Orientation Safety certified

Transportation Worker Identification Credential (TWIC)

Los Angeles World Airports (LAWA) badge
Institute for Sustainable Infrastructure (ISI)
Envision Sustainability Professional (ENV SP)

EXPERIENCE HIGHLIGHTS

Phase I Environmental Site Assessments
Phase I Hazardous Materials Assessments
Phase I Initial Site Assessments
Hazardous Building Materials Surveys
Sampling Surveys
1166 Soil Monitoring
Preliminary Environmental Assessment
Removal Action Implementation
Removal Action Completion Reports

Mr. Patrick Cullip has over seven years experience performing environmental remediation, operations and maintenance (O&M), remediation system installation, groundwater/soil vapor sampling, well installation, underground storage tank (UST) removal, soil contamination removal, dual-phase extractions, aerially-deposited lead (ADL) sampling, geological and geotechnical logging, quarterly groundwater monitoring reports, pilot test reports, design, and oversight projects; conducting environmental site assessments (ESAs), hazardous materials assessments (HMAs), and initial site assessments (ISAs) and feasibility testing; and evaluating regulatory compliance.

REPRESENTATIVE PROJECT EXPERIENCE

Phase I ESAs, HMAs, and ISAs – Various Sites, Southern California: Field Manager/Project Engineer, performed numerous Phase I ESAs, HMAs, and ISAs of commercial, industrial, and residential properties throughout Southern California for various financial institutions, land developers, and government agencies. The Phase I ESAs, HMAs, and ISAs included reviewing regulatory files of various government agencies to evaluate the extent and type of impacts at sites, conducting site walks and owner/operator interviews, preparing reports, and project oversight. Mr. Cullip managed the Phase II ESAs performed at several of these properties which included soil gas, soil, and groundwater evaluations.

Port of Los Angeles, Wilmington, California: Senior Staff Environmental Engineer, conducted groundwater monitoring on numerous existing monitoring wells, using hand bailers.

AltaMed Health Services Corporation, Los Angeles, California: Field Manager/Project Manager, oversaw 16 simultaneous Phase I and Phase II ESAs for AltaMed properties in Southern California over a short time period as part of AltaMed's bank requirements. The Phase II ESAs included soil, soil gas, groundwater, asbestos-containing material, lead-based paint, and mold evaluations.

HMA, Harbor UCLA Medical Center, Torrance, California: Field Manager/Project Manager, provided an HMA for the Harbor-UCLA Medical Center Master Plan Environmental Impact Report. The site is an approximately 72-acre parcel occupied with the Harbor UCLA Medical Center (hospital), office buildings, medical research buildings, hazardous waste storage area, helipad, power plant, parking structure, parking lots, and several roads. Areas of potential environmental concern identified during the course of the HMA included asbestos and lead-based paint in on-site building materials, underground storage tanks (USTs) associated with the site power plant, four former leaking underground storage tank (LUST) areas on the site, and three adjacent off-site LUST cases. Ninyo & Moore proposed mitigation measures to render these environmental concerns and impacts to the site less than significant for the identified CEQA thresholds. Mitigation measures to be implemented included following abatement measures outlined in a separate hazardous building materials survey report (performed by Ninyo & Moore), additional site investigation of on-site USTs and on- and off-site LUST cases, and the preparation and implementation of a Soil Management Plan during excavation and grading activities in areas of potential soil contamination.

Los Angeles World Airports (LAWA), Landside Access Modernization Program (LAMP), LAX Airport, Los Angeles, California: Project Engineer, conducted an HMA covering approximately 2,000 acres for properties within the footprint of LAMP project, which consisted of modernizing LAX by relieving traffic congestion within the airport and on surrounding street network; improve access options and the travel experience for passengers; and provide connection to the rail system. The scope included site visits and agency data base reviews to identify RECs. The results were incorporated into the environmental documentation for the LAMP program. Provided LAWA with recommendations regarding the limits of construction and locations of future treatment wells. This information was critical in the planning for the LAMP.

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REPRESENTATIVE PROJECT EXPERIENCE (continued)

Long Beach Unified School District, Long Beach, California: Field Manager, collected soil samples using hand-auger and direct-push methods to assess lead and pesticide contamination from lead-based paint and termiticides along the edges of classroom and administrative buildings at Jordan High School, and prepared reports for government agencies. Sample results were used to determine the extent of contamination and potential associated health risks to field personnel participating in planned remodeling/demolition activities. Prepared the preliminary environmental assessment (PEA) report for sampling and associated remedial action work plan (RAW) for required soil remediation. Oversaw the excavation and removal of contaminated soil, performed confirmation soil sampling and dust monitoring during the removal action, and prepared the removal action completion report (RACR).

Los Angeles World Airports, 2014 Sustainability Report, LAX Airport, Los Angeles, California: Project Engineer, worked with LAWA's Environmental and Land Use Planning Division staff and LAWA's leadership team to prepare the 2014 sustainability report. Supported data collection, evaluated trends, developed graphics, interviewed stakeholders, provided design and layout, and ultimately told a compelling story about LAWA's sustainability efforts. Also supported the redevelopment of LAWA's sustainability program to develop a roadmap and management strategy.

Caltrans, Various Locations, Southern California: Senior Staff Environmental Engineer, collected soil samples, using hand-auger methods, of roadside soils to assess aerially deposited lead (ADL) impacts of soil from years of contamination from leaded gasoline. Sample results were used to determine the waste classification for proper disposal and handling of road and highways improvements.

Hazardous Building Materials Surveys (HBMS), Various Sites, Southern California: Lead Sampling Technician, performed field testing and sampling with an X-ray fluorescent (XRF) analyzer for lead in building materials on structures planned for demolition or renovation on commercial, industrial, and residential properties throughout Southern California. Prepared HBMS reports for owner/developer use in hazardous materials abatement and worker safety.

City of Brea, Remedial Action, Tracks at Brea, Segment 3, Brea, California: Senior Staff Environmental Engineer for the Removal Action (RA) of soil contaminated with arsenic and other chemicals of concern along an approximate 0.8 mile length of former railroad tracks planned to be converted to a walking trail and bicycle path. RA activities included dust monitoring, overseeing excavation activities, confirmation soil sampling, clean import soil sampling, communicating with Orange County Health Care Agency representatives, and preparing the RACR.

Riverside County Transportation Commission, On-Call Environmental Services, Riverside County, California: Senior Staff Environmental Engineer providing on-call environmental services under RCTC agreements. Since 1997, Ninyo & Moore has provided Riverside County Transportation Commission (RCTC) responsive and efficient on-call services on a variety of environmental, geotechnical, and materials testing and inspection services to support various transportation design and construction projects throughout Riverside County. A recent task included site investigation of an approximately 6-acre industrial property intended for acquisition for a freeway right-of-way. Based on the investigation results, Ninyo & Moore prepared cost estimates for remediation of metal and hydrocarbon contaminated soil. The remediation cost estimates were defended in court during trial and RCTC was awarded a judgment for two times the amount of the remediation cost estimate.

Alameda Corridor Transportation Authority (ACTA) On-Call Environmental Remediation Services, Los Angeles County, California: The Alameda Corridor is a 20-mile long, \$2.6 billion high-speed rail corridor connecting downtown Los Angeles with the Ports of Los Angeles and Long Beach. The Corridor is being excavated through some of the most historically-used industrial properties in the Los Angeles Basin. Work performed for ACTA included due diligence assessments for acquisition and redevelopment of land, and Phase I and II ESAs.

State of California Department of General Services: Senior Staff Environmental Engineer for a DGS contract managing multiple sites for the California State Water Resources Control Board under the Emergency, Abandoned and Recalcitrant (EAR) Account Program. Task orders include: site research, file reviews, preparation of cost estimates and work plans; environmental site assessments; identification and investigation of potential site contamination; environmental compliance assessments; development of work schedules; and remedial strategies associated with cleanup of contamination and reuse of the properties. Objectives include "low risk" site closures.

APPENDIX B

PHOTOGRAPHIC DOCUMENTATION



Photograph 1: View of western portion of site looking east from South Lilac Avenue.



Photograph 2: View of central portion of site looking east from South Sycamore Avenue.



Photograph 3: View of central portion of site looking west from South Acacia Avenue, including debris stockpiles.



Photograph 4: View of eastern portion of site looking west from North Rancho Avenue.



Photograph 5: View of ASTs at northeast corner of SFR ROW and South Cactus Avenue.



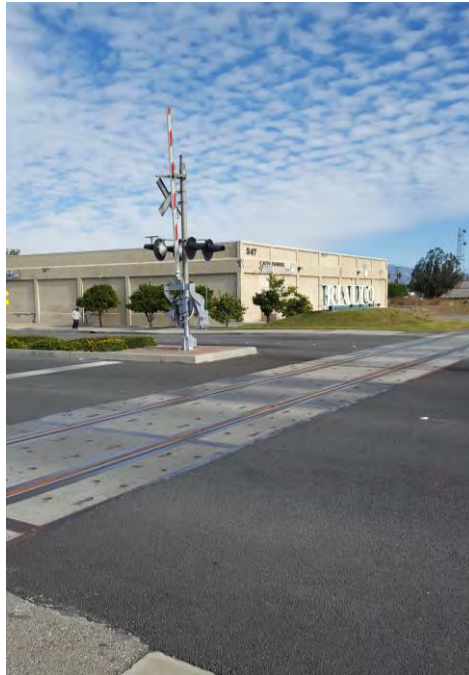
Photograph 6: Typical electric box located at most intersections of SFR ROW with roads.



Photograph 7: Amber Steel yard, located at 312 South Willow Avenue.



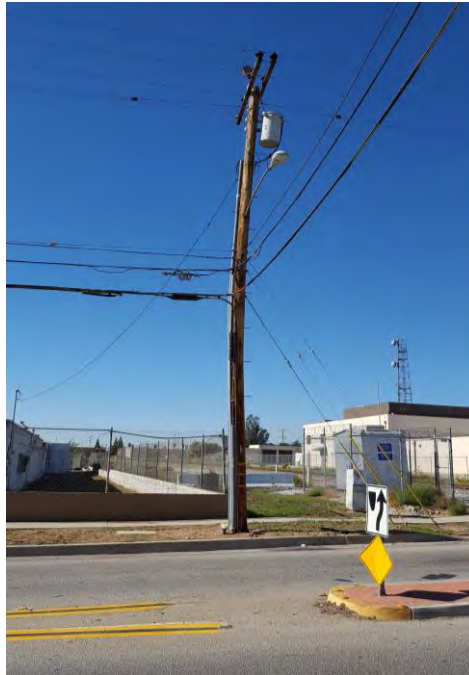
Photograph 8: Rialto Unified School District, located at 260 South Willow Avenue.



Photograph 9: J & J Auto Fabrics, located at 247 South Riverside Avenue.



Photograph 10: Stockpile of dumped material at northeast corner of SFR ROW and South Sycamore Avenue.



Photograph 11: Pole-mounted transformer at southwest corner of SFR ROW and South Sycamore Avenue.



Photograph 12: Unmarked breather pipe (one of four) at SFR ROW and South Eucalyptus Avenue.



Photograph 13: View west of western portion of site from South Cactus Avenue.



Photograph 14: View of east of eastern portion of site from North Rancho Avenue.

APPENDIX C

HISTORICAL RESEARCH DOCUMENTATION



SANBAG-Rancho to Lilac

SANBAG-Rancho to Lilac

Rialto, CA 92376

Inquiry Number: 4768645.8

November 03, 2016

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

11/03/16

Site Name:

SANBAG-Rancho to Lilac
SANBAG-Rancho to Lilac
Rialto, CA 92376
EDR Inquiry # 4768645.8

Client Name:

Ninyo & Moore
475 Goddard
Irvine, CA 92618
Contact: Patrick Cullip



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:

<i>Year</i>	<i>Scale</i>	<i>Details</i>	<i>Source</i>
2012	1"=1000'	Flight Year: 2012	NAIP
2010	1"=1000'	Flight Year: 2010	NAIP
2009	1"=1000'	Flight Year: 2009	NAIP
2005	1"=1000'	Flight Year: 2005	NAIP
1995	1"=1000'	Acquisition Date: January 01, 1995	DOQQ
1989	1"=1000'	Flight Date: January 01, 1989	USDA
1974	1"=1000'	Flight Date: January 01, 1974	NASA
1968	1"=1000'	Flight Date: January 01, 1968	USGS
1966	1"=1000'	Flight Date: January 01, 1966	USGS
1959	1"=1000'	Flight Date: January 01, 1959	USDA
1953	1"=1000'	Flight Date: January 01, 1953	USDA
1949	1"=1000'	Flight Date: January 01, 1949	Fairchild
1938	1"=1000'	Flight Date: January 01, 1938	USDA

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INQUIRY #: 4768645.8

YEAR: 2012



— = 1000'



INQUIRY #: 4768645.8

YEAR: 2012



1" = 1000'



INQUIRY #: 4768645.8

YEAR: 2012

— = 1000'





INQUIRY #: 4768645.8

YEAR: 2010



1" = 1000'

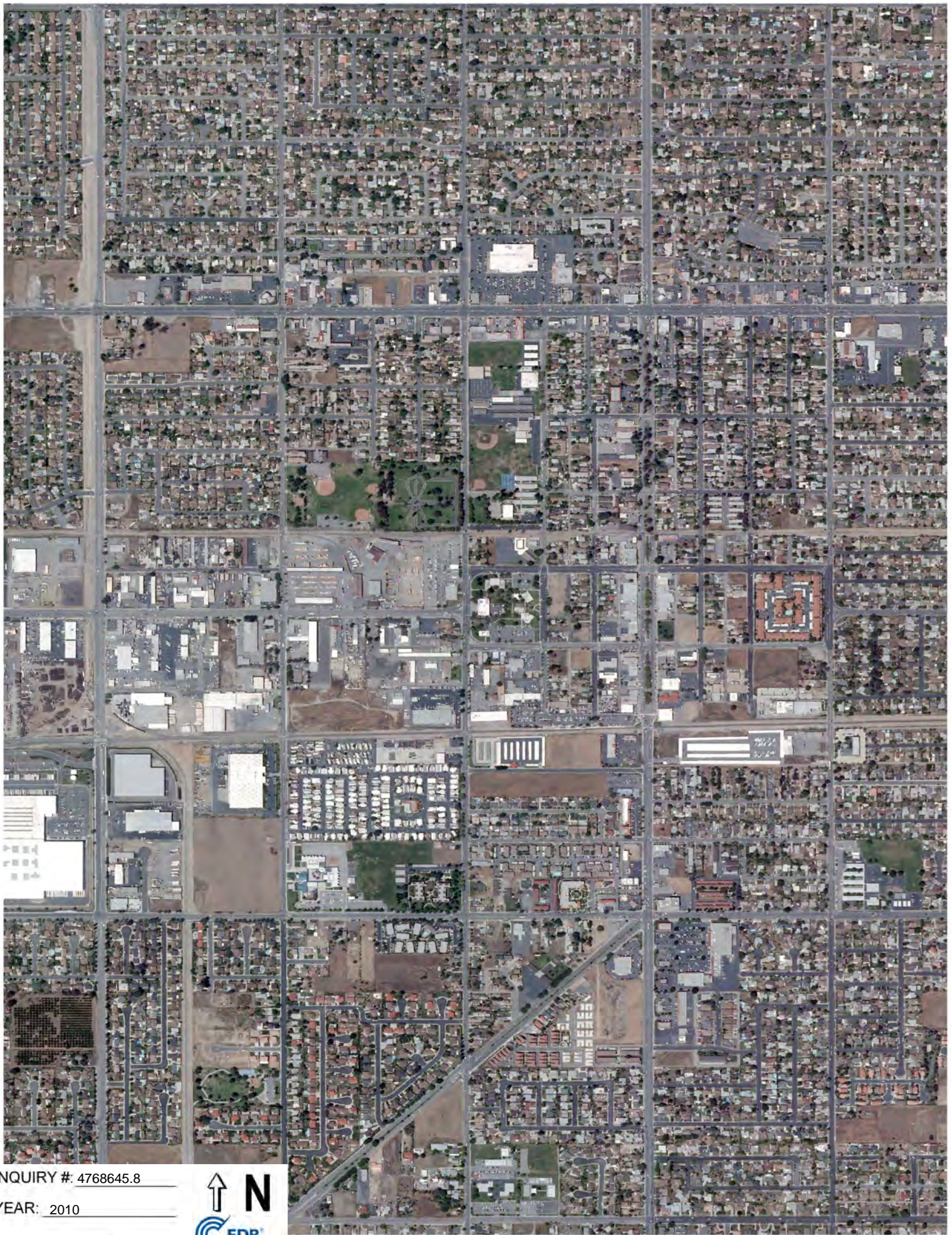


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1" = 1000'



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YEAR: 2009



1" = 1000'



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YEAR: 2009



1" = 1000'



INQUIRY #: 4768645.8

YEAR: 2009

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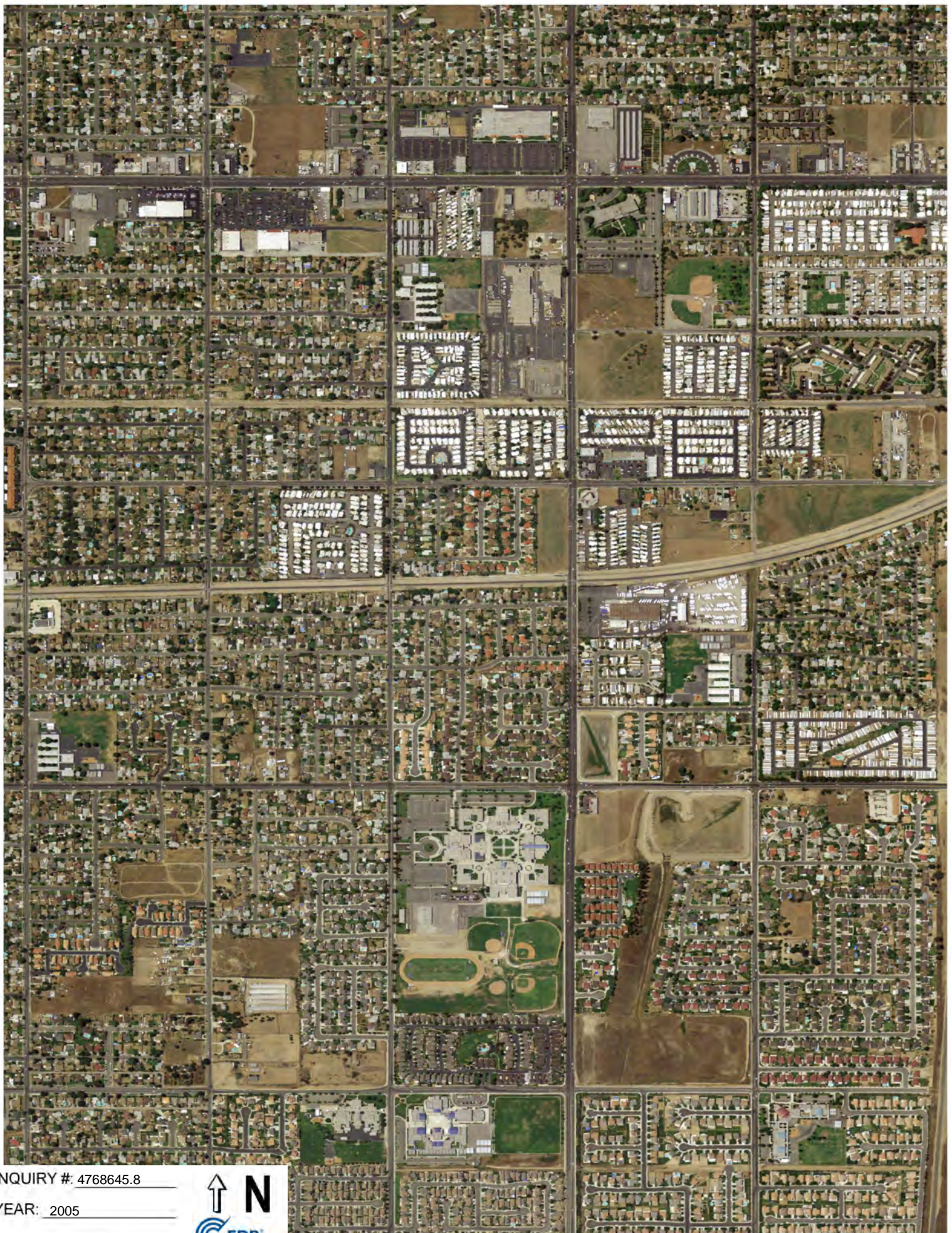


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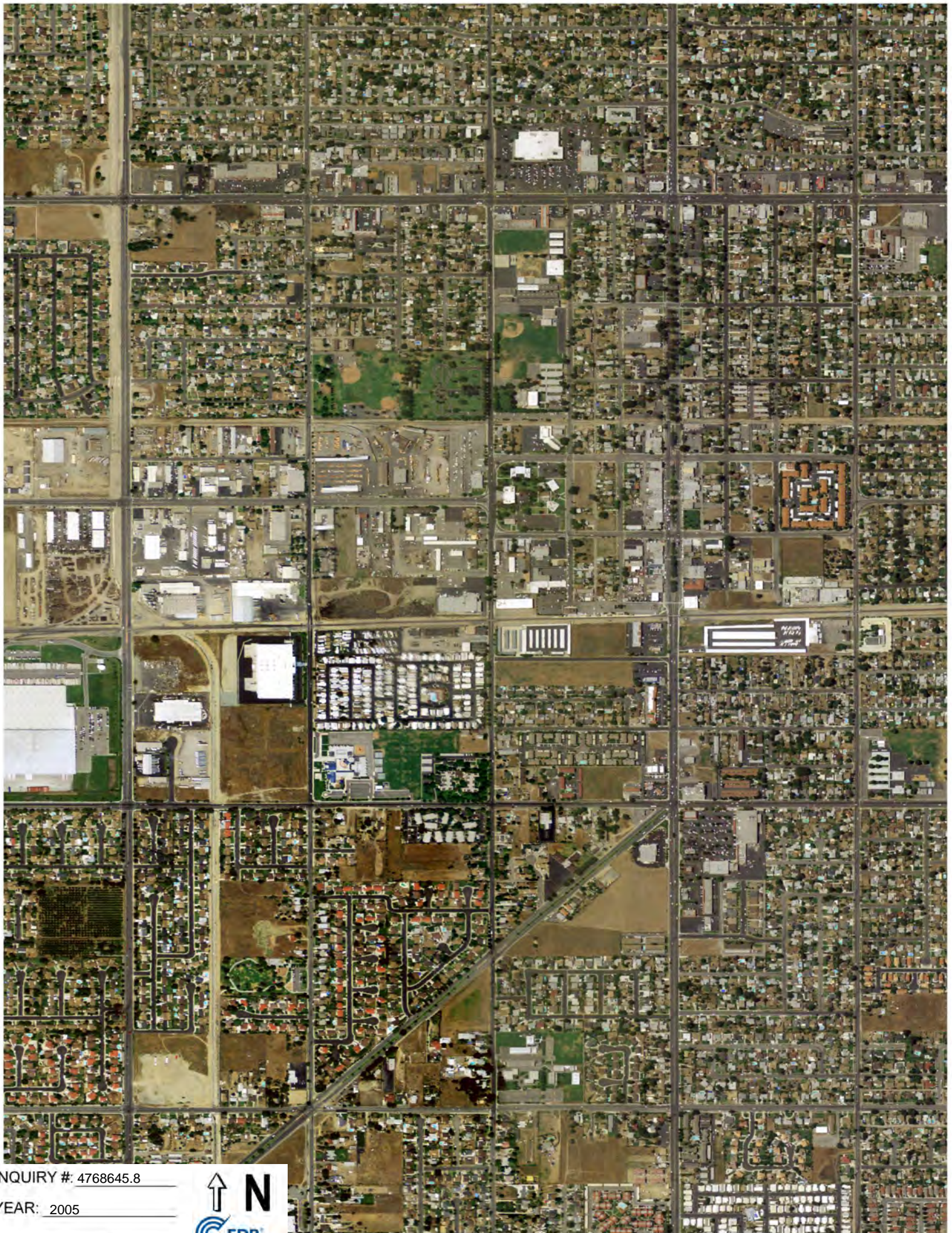


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YEAR: 2005



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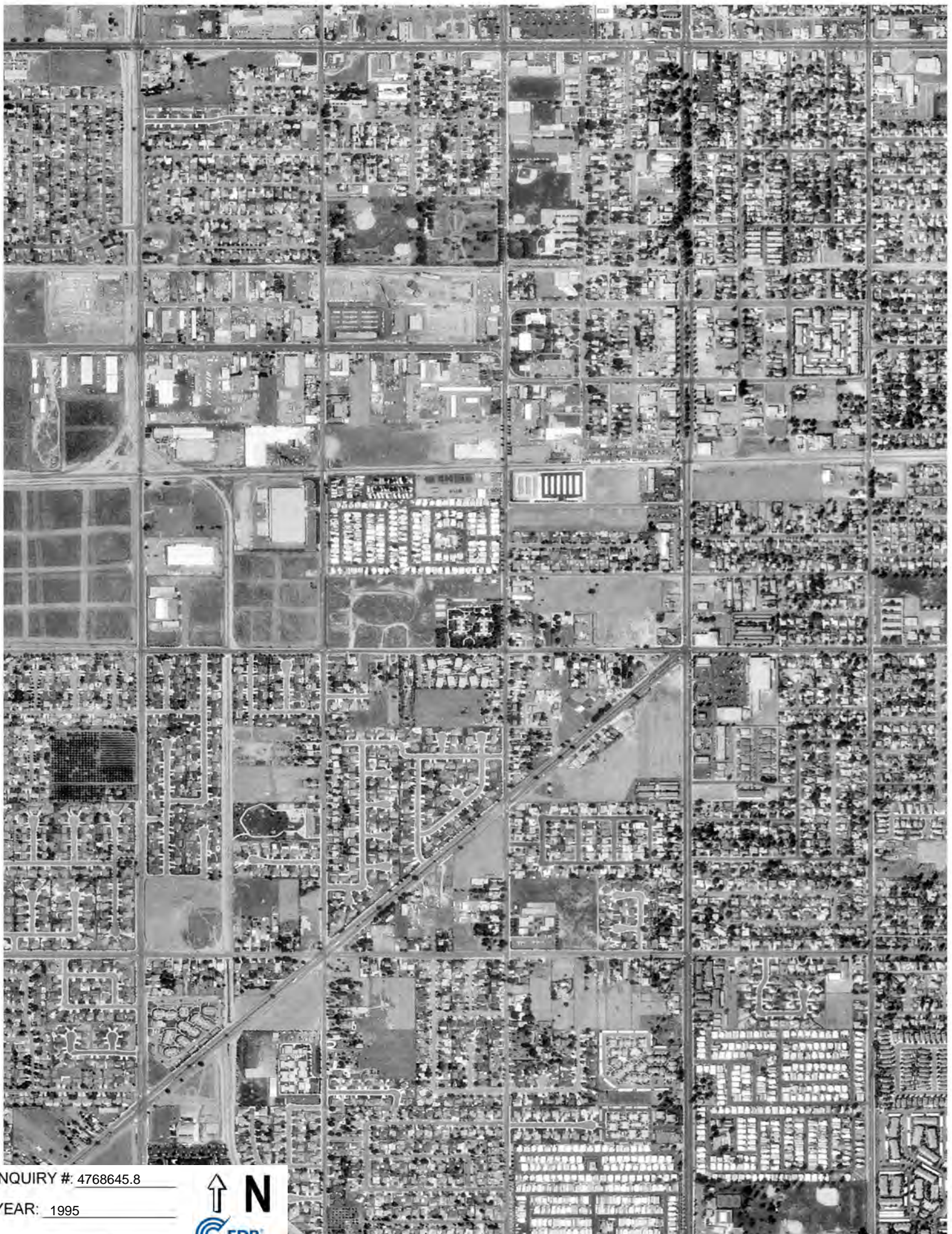


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YEAR: 1995



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INQUIRY #: 4768645.8

YEAR: 1995

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YEAR: 1989

1" = 1000'



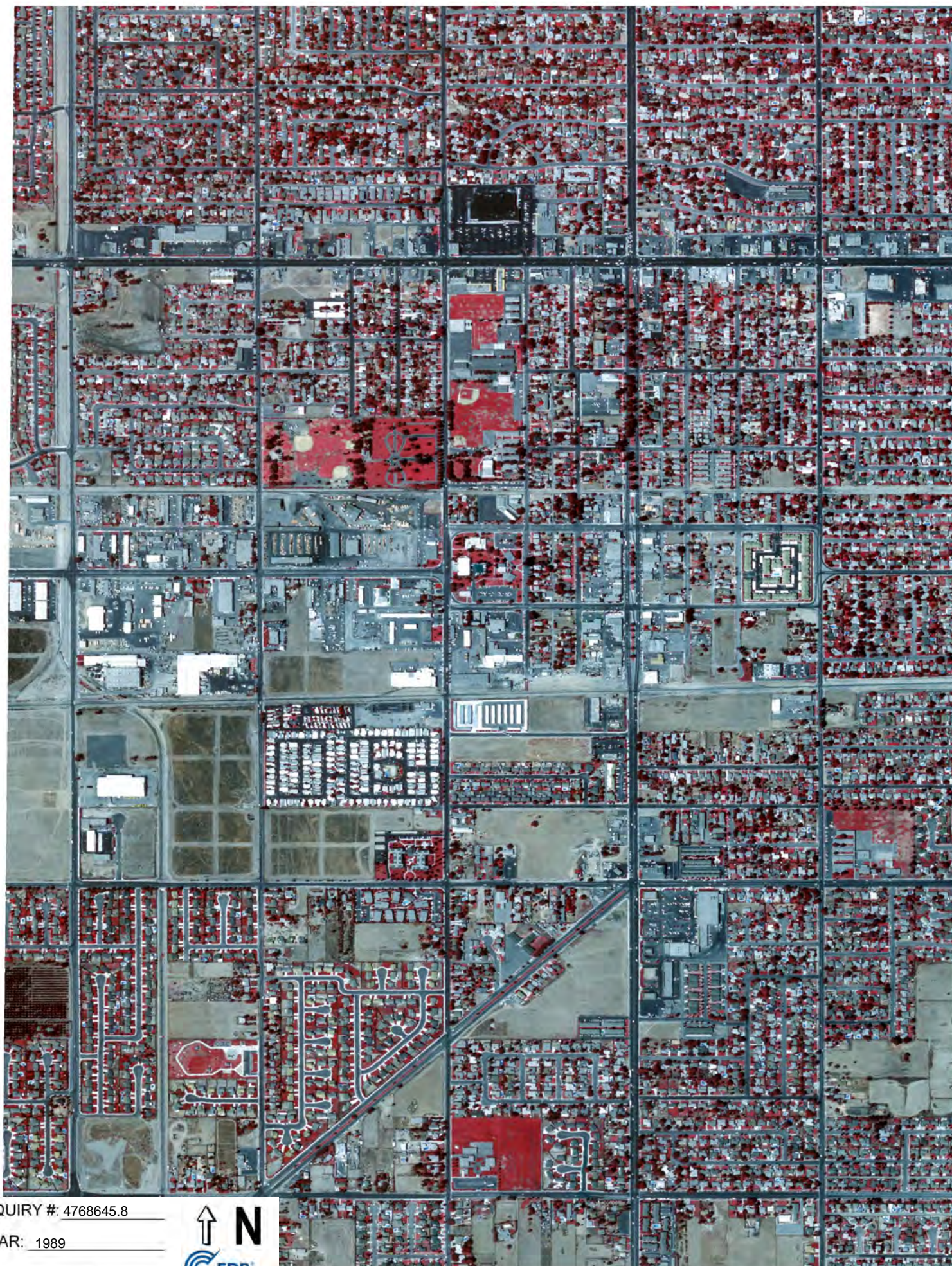


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YEAR: 1989



1" = 1000'



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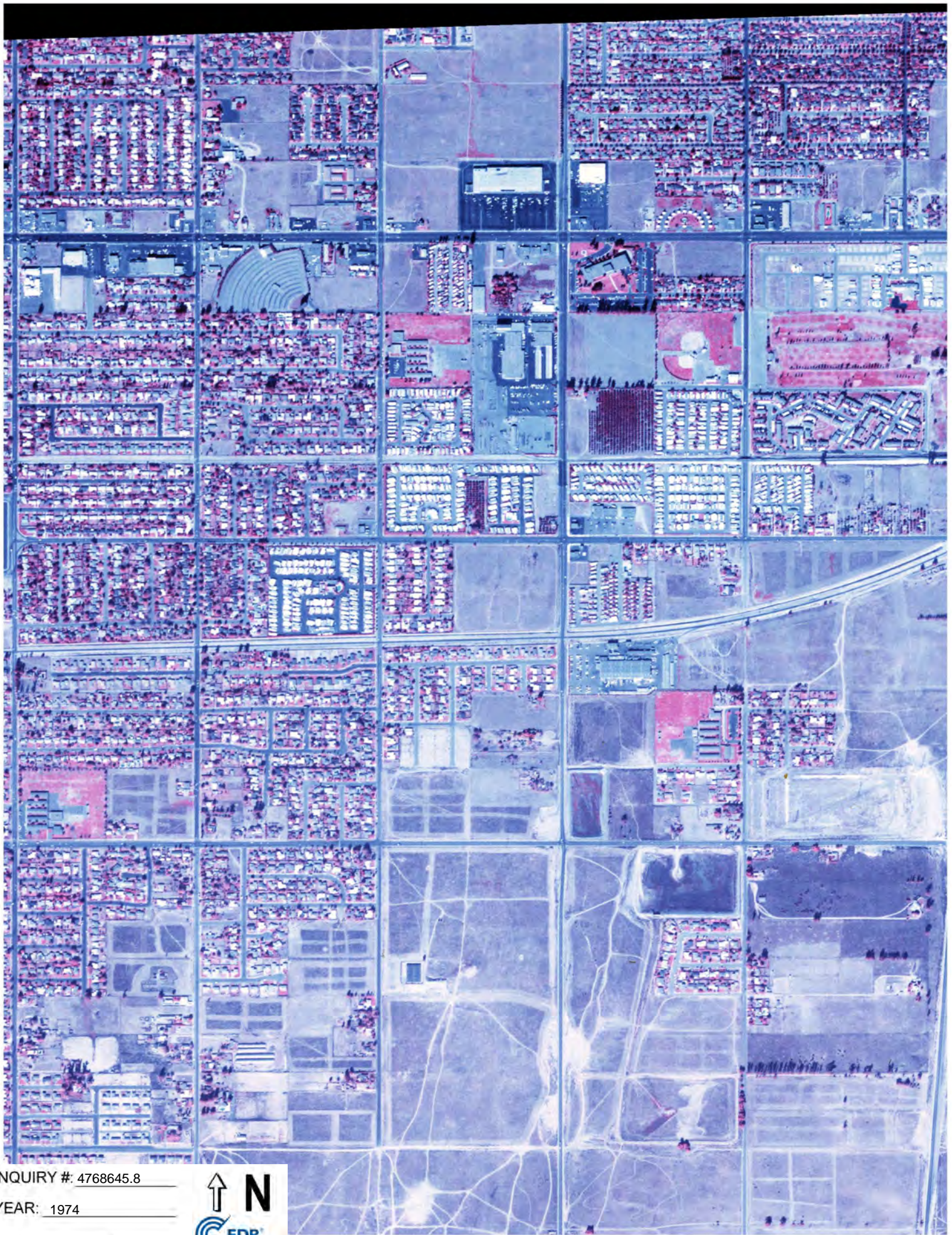


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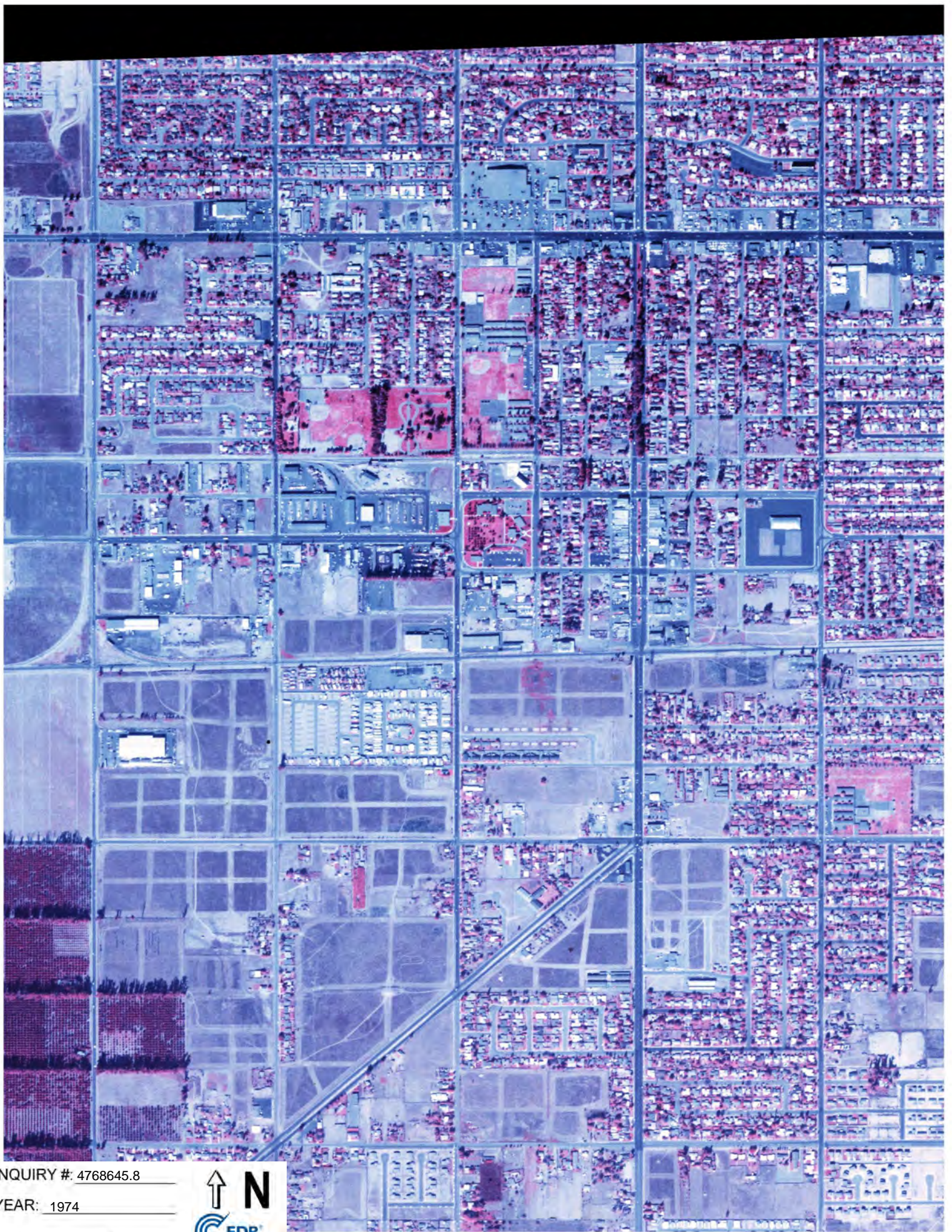


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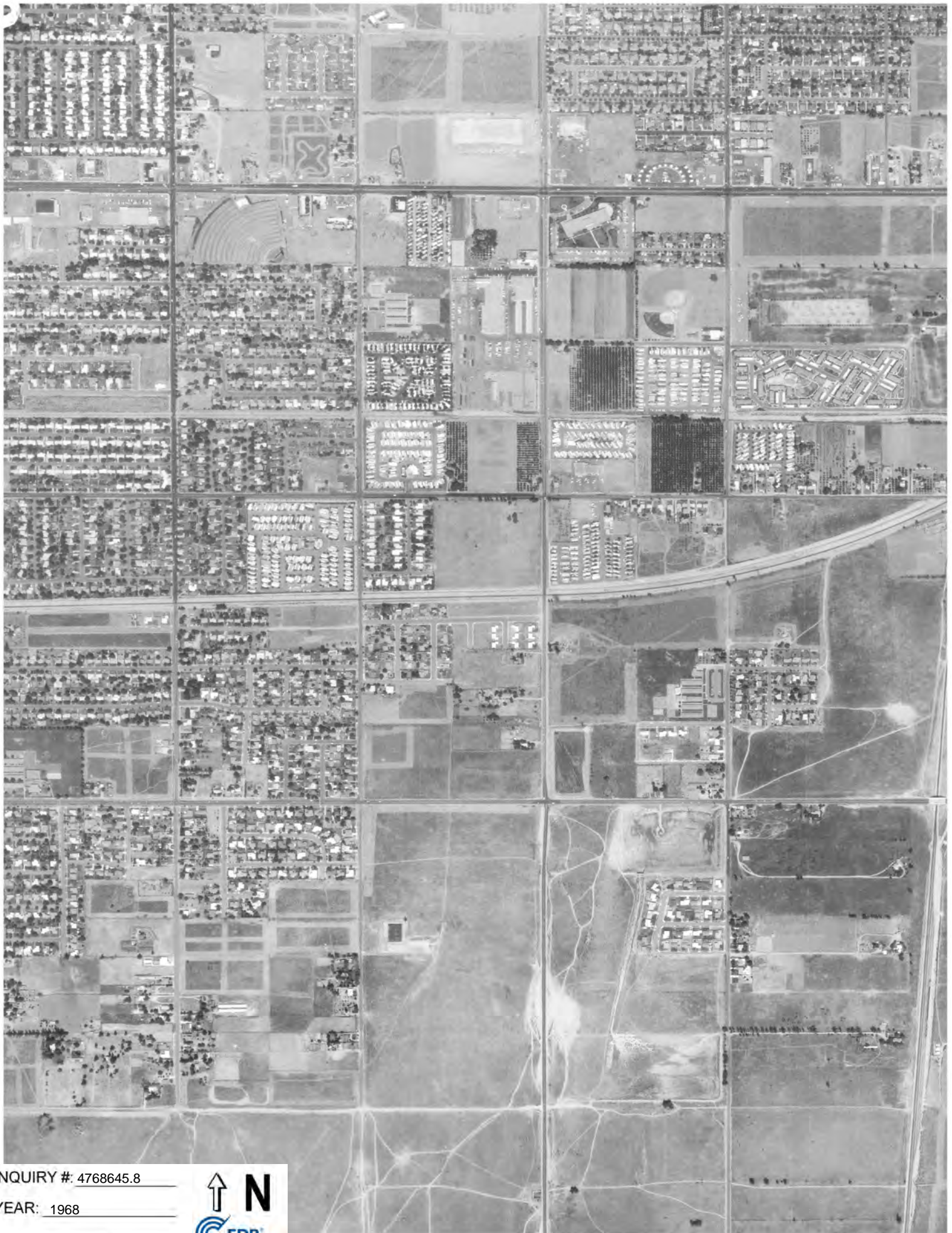


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YEAR: 1968

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YEAR: 1966

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YEAR: 1966



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— = 1000'





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YEAR: 1959



— = 1000'



INQUIRY #: 4768645.8

YEAR: 1959



1" = 1000'



INQUIRY #: 4768645.8

YEAR: 1959

— = 1000'





INQUIRY #: 4768645.8

YEAR: 1953



— = 1000'



INQUIRY #: 4768645.8

YEAR: 1953

1000'





INQUIRY #: 4768645.8

YEAR: 1953



— = 1000'



INQUIRY #: 4768645.8

YEAR: 1949



— = 1000'



INQUIRY #: 4768645.8

YEAR: 1949



— = 1000'



INQUIRY #: 4768645.8

YEAR: 1949



— = 1000'



INQUIRY #: 4768645.8

YEAR: 1938



— = 1000'



INQUIRY #: 4768645.8

YEAR: 1938



— = 1000'



INQUIRY #: 4768645.8

YEAR: 1938



— = 1000'



SANBAG-Rancho to Lilac

SANBAG-Rancho to Lilac

Rialto, CA 92376

Inquiry Number: 4768645.5

November 02, 2016

EDR Historical Topo Map Report

with QuadMatch™



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EDR Historical Topo Map Report

11/02/16

Site Name:

SANBAG-Rancho to Lilac
SANBAG-Rancho to Lilac
Rialto, CA 92376
EDR Inquiry # 4768645.5

Client Name:

Ninyo & Moore
475 Goddard
Irvine, CA 92618
Contact: Patrick Cullip



EDR Topographic Map Library has been searched by EDR and maps covering the target property location as provided by Ninyo & Moore were identified for the years listed below. EDR's Historical Topo Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDR's Historical Topo Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the late 1800s.

Search Results:**Coordinates:**

P.O.#	NA	Latitude:	34.0972 34° 5' 50" North
Project:	209884001	Longitude:	-117.3571 -117° 21' 26" West
		UTM Zone:	Zone 11 North
		UTM X Meters:	467060.12
		UTM Y Meters:	3772990.95
		Elevation:	1185.24' above sea level

Maps Provided:

2012	1901
1980	1898
1973	1896
1967	
1954	
1953, 1954	
1943	
1938	

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Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

2012 Source Sheets

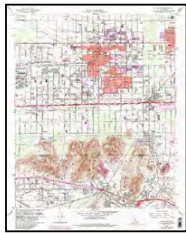


Fontana
2012
7.5-minute, 24000



San Bernardino South
2012
7.5-minute, 24000

1980 Source Sheets



Fontana
1980
7.5-minute, 24000
Photo Revised 1980
Aerial Photo Revised 1978

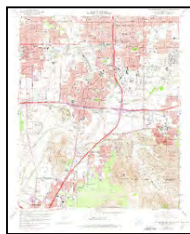


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Photo Revised 1980
Aerial Photo Revised 1979

1973 Source Sheets

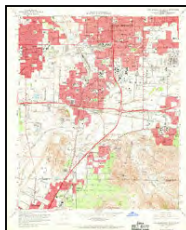


Fontana
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7.5-minute, 24000
Photo Revised 1973
Aerial Photo Revised 1973



San Bernardino South
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1967 Source Sheets



San Bernardino South
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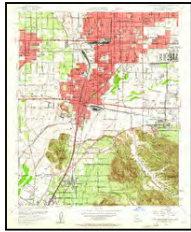


Fontana
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7.5-minute, 24000
Aerial Photo Revised 1966

Topo Sheet Key

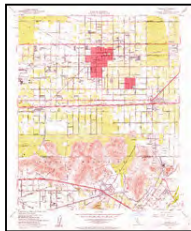
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1954 Source Sheets



San Bernardino South
1954
7.5-minute, 24000
Aerial Photo Revised 1952

1953, 1954 Source Sheets



Fontana
1953
7.5-minute, 24000
Aerial Photo Revised 1952

1943 Source Sheets



Colton
1943
7.5-minute, 31680



Fontana
1943
7.5-minute, 31680

1938 Source Sheets



Colton
1938
7.5-minute, 31680

Topo Sheet Key

This EDR Topo Map Report is based upon the following USGS topographic map sheets.

1901 Source Sheets



San Bernardino
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1898 Source Sheets

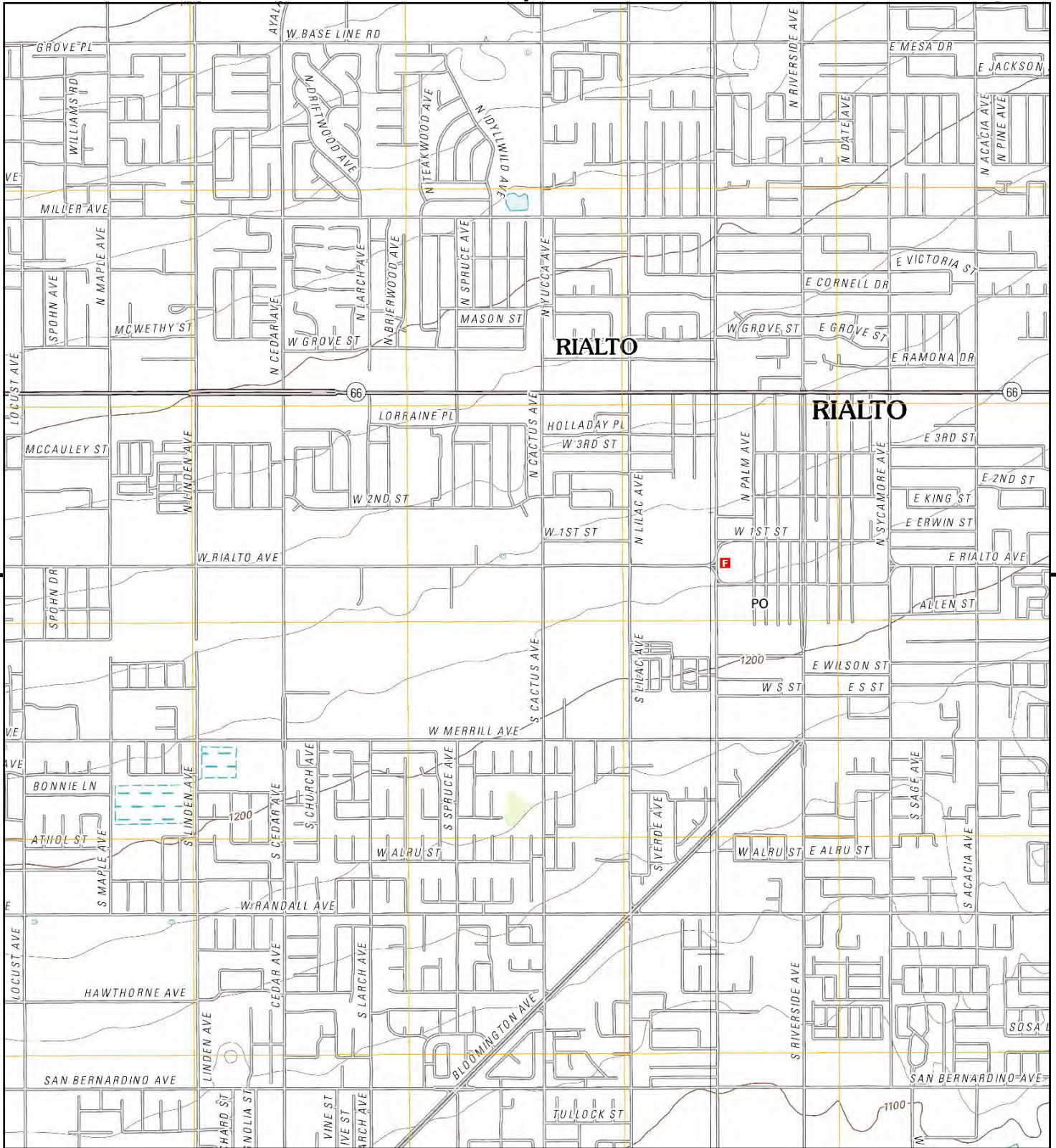


San Bernardino
1898
15-minute, 62500

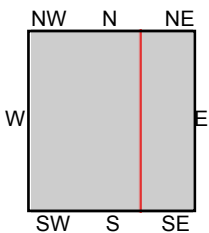
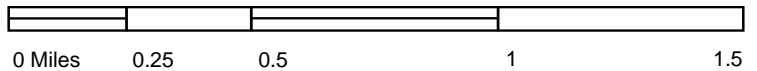
1896 Source Sheets



San Bernardino
1896
15-minute, 62500



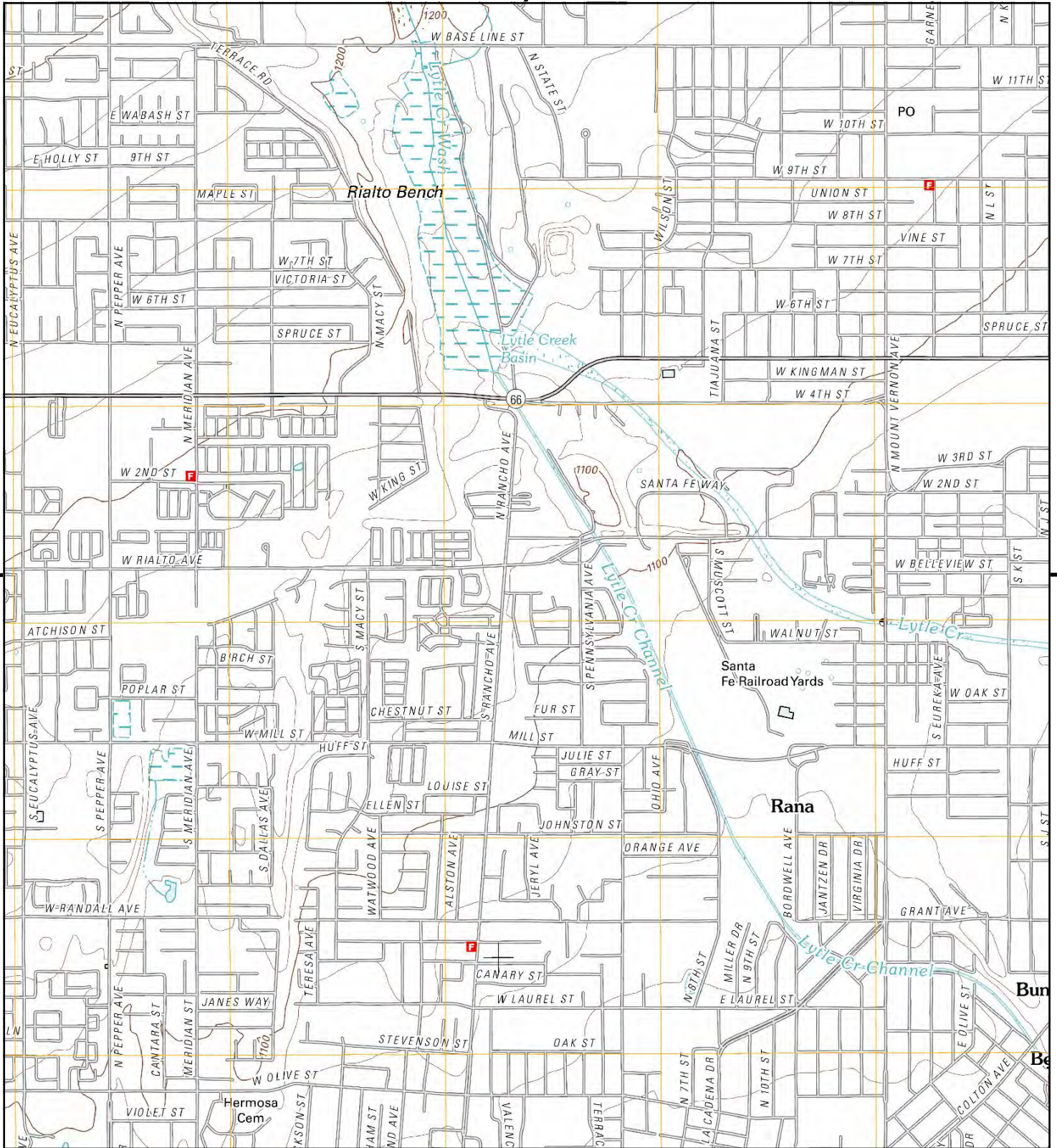
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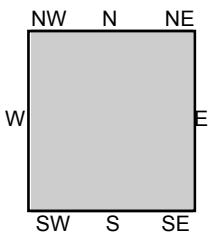
TP, Fontana, 2012, 7.5-minute
SE, San Bernardino South, 2012, 7.5-minute

SITE NAME: SANBAG-Rancho to Lilac
ADDRESS: SANBAG-Rancho to Lilac
Rialto, CA 92376
CLIENT: Ninyo & Moore





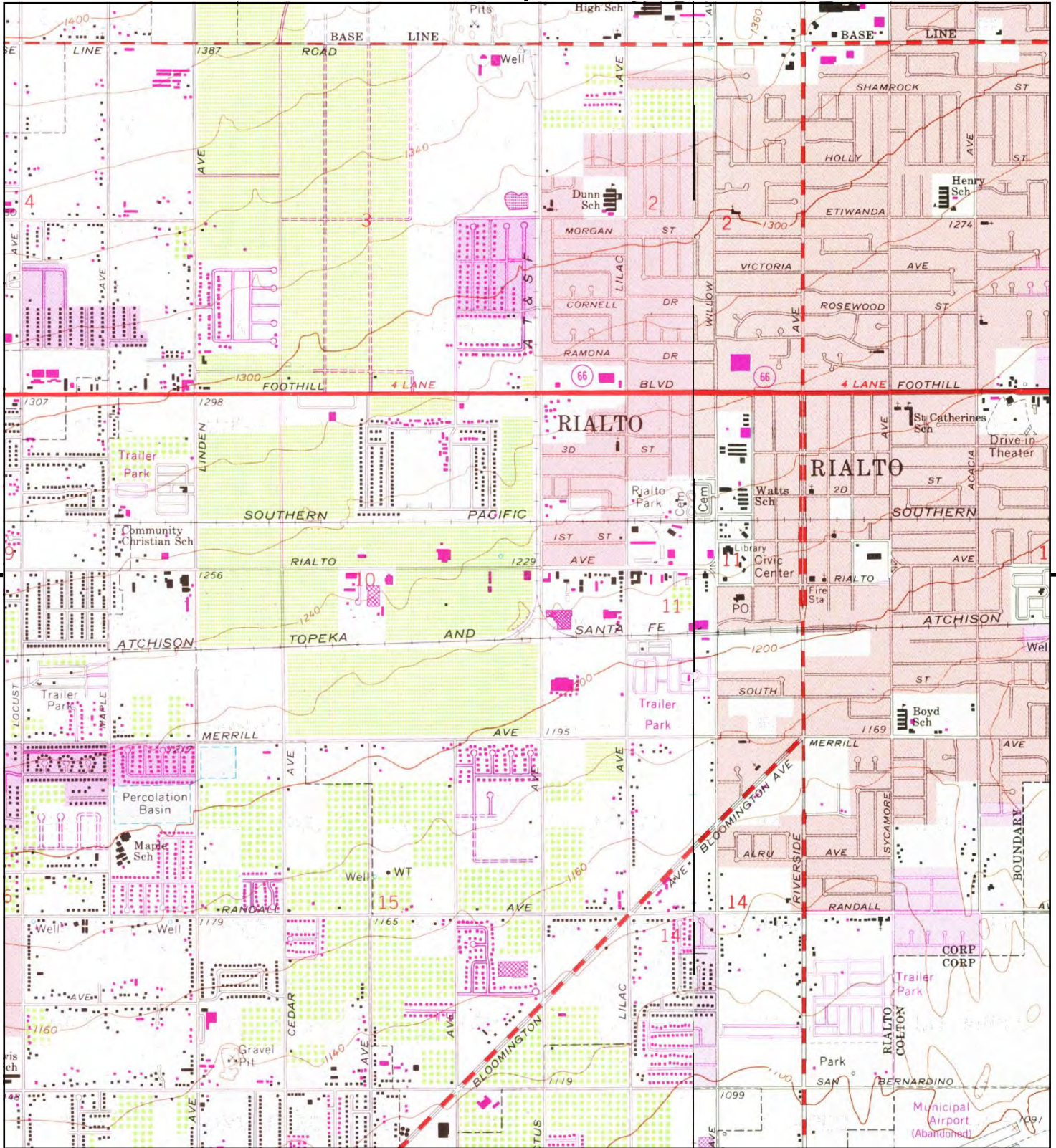
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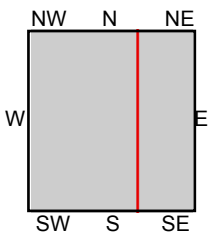
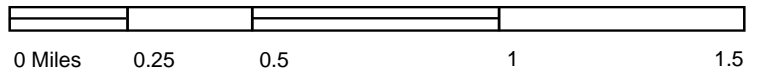
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SITE NAME: SANBAG-Rancho to Lilac
ADDRESS: SANBAG-Rancho to Lilac
Rialto, CA 92376
CLIENT: Ninyo & Moore





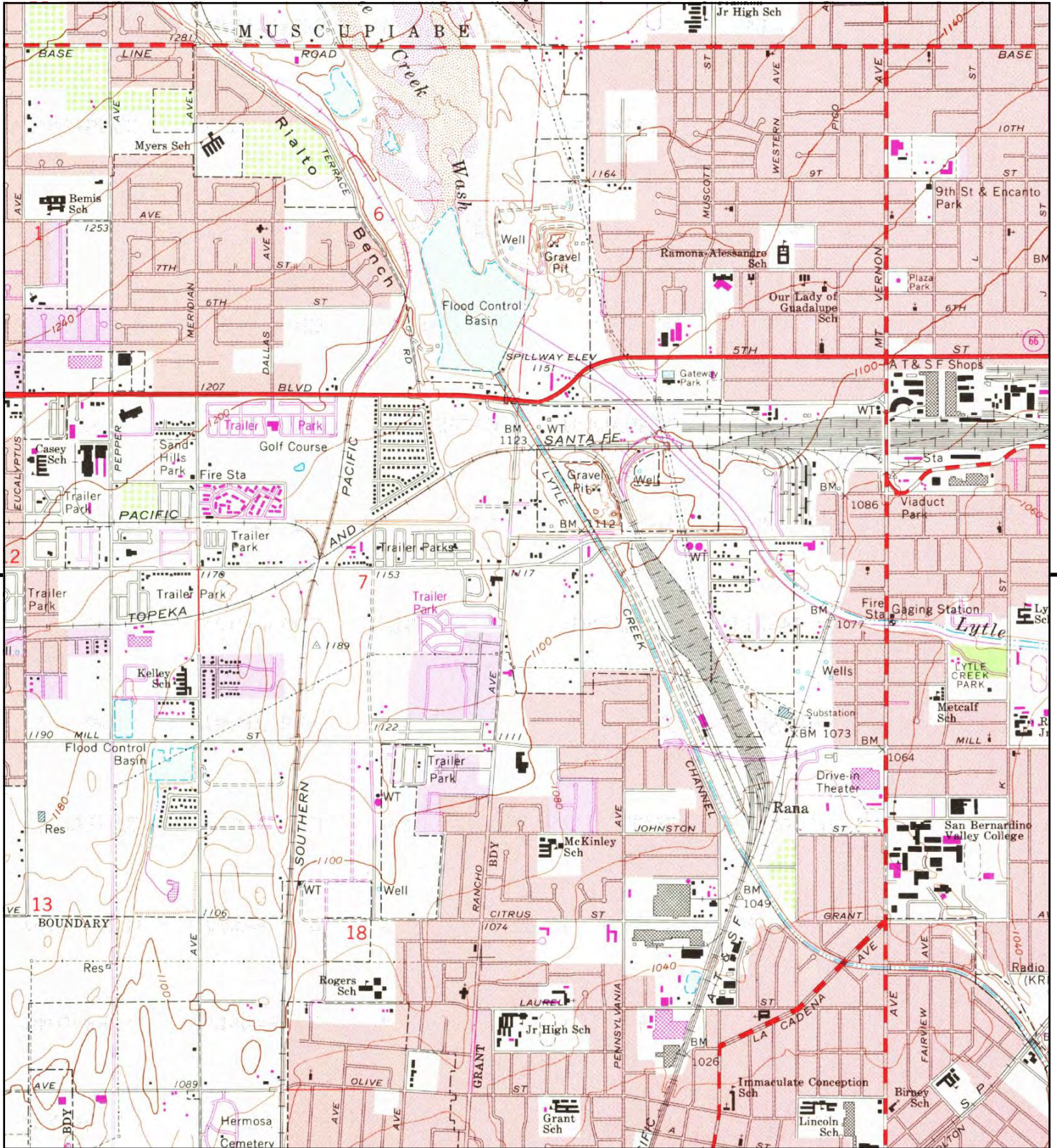
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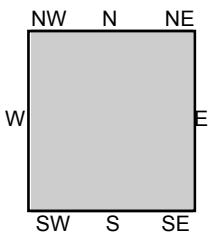
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ADDRESS: SANBAG-Rancho to Lilac
Rialto, CA 92376
CLIENT: Ninyo & Moore





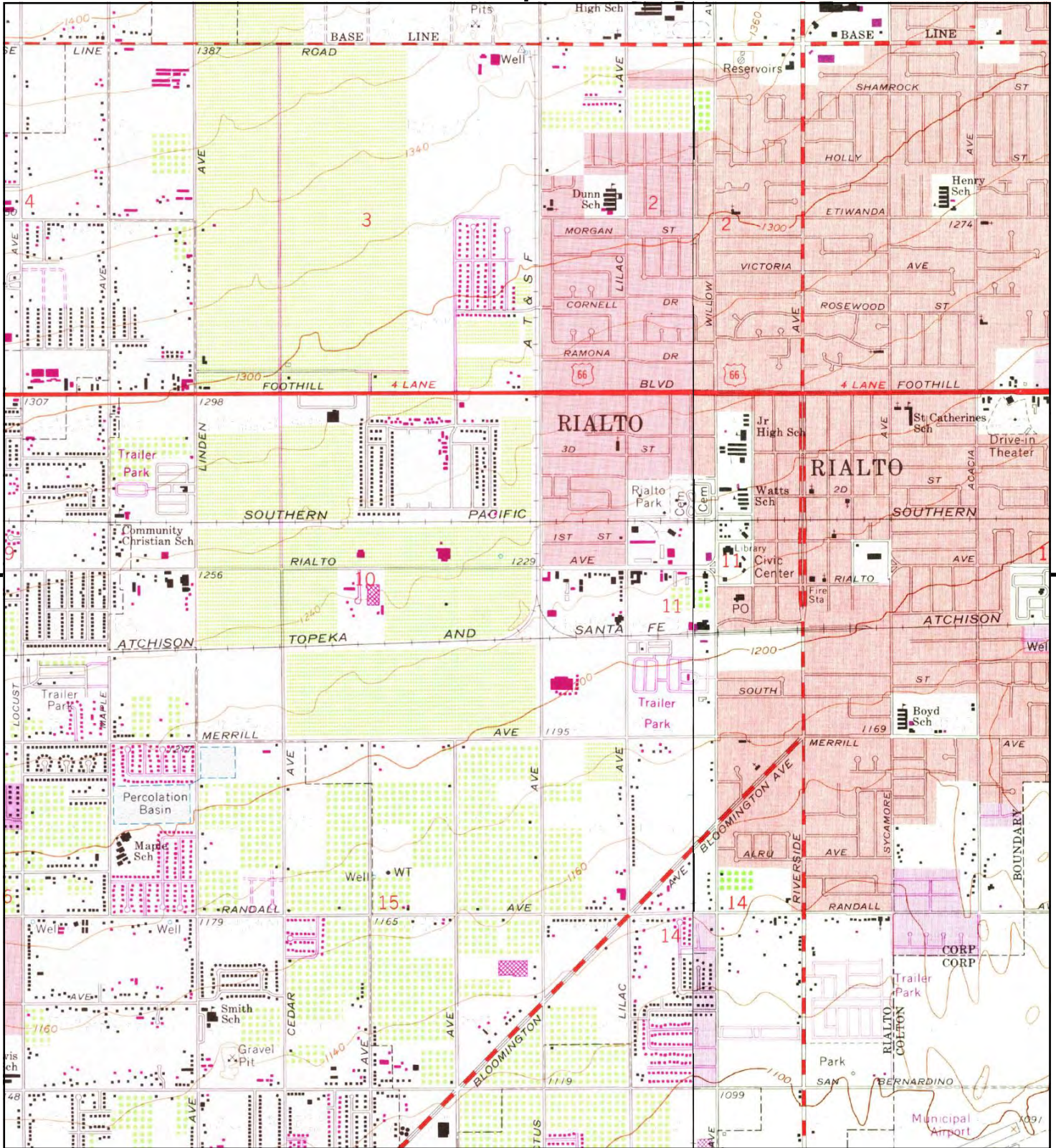
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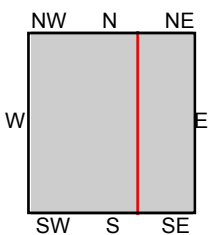
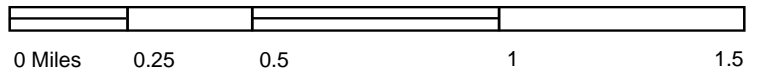
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ADDRESS: SANBAG-Rancho to Lilac
Rialto, CA 92376
CLIENT: Ninyo & Moore





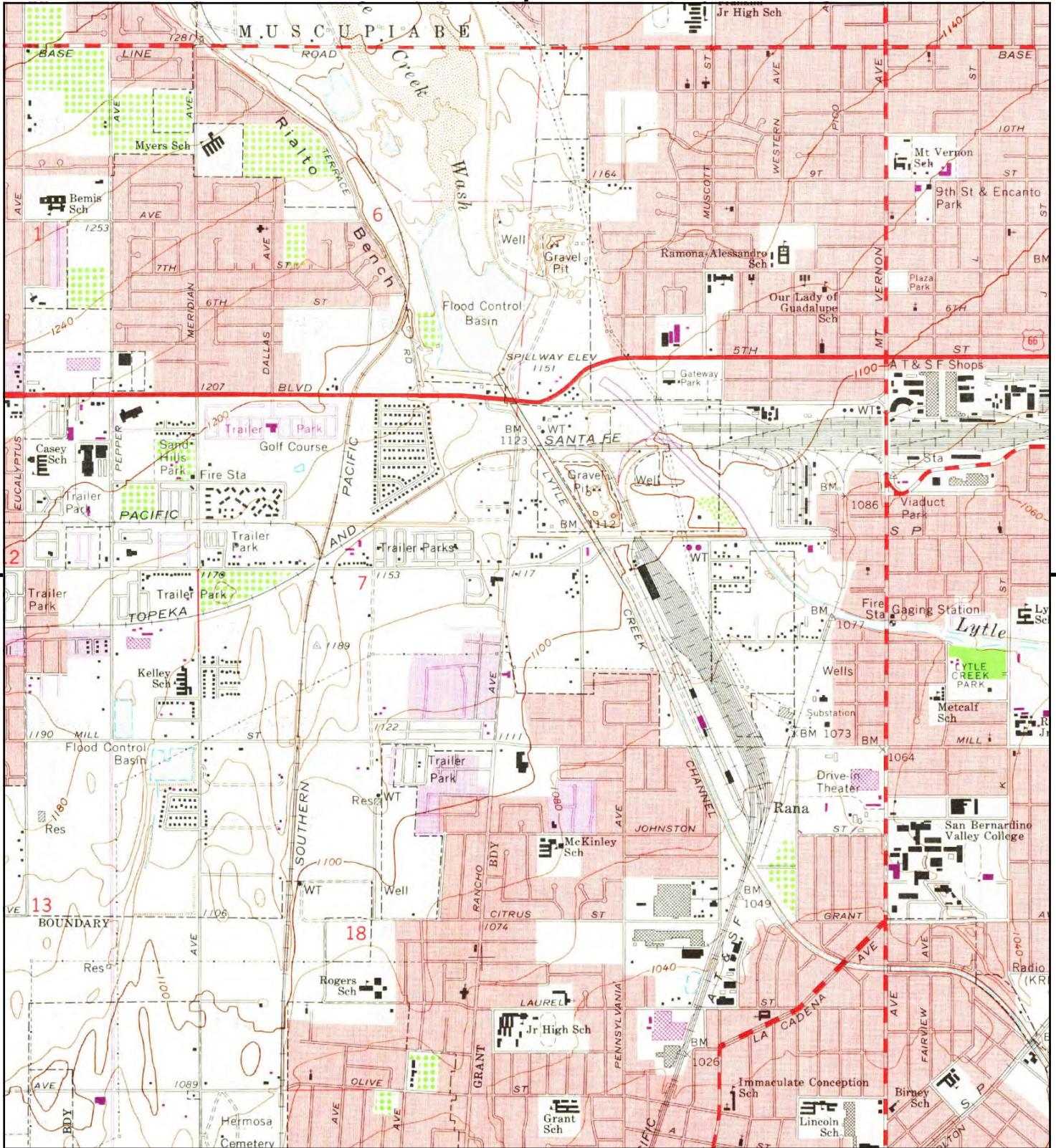
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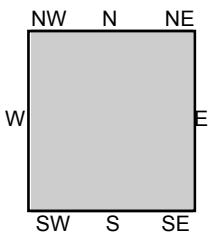
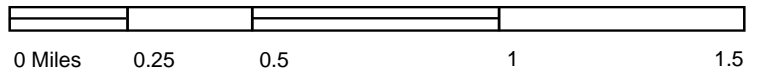
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ADDRESS: SANBAG-Rancho to Lilac
Rialto, CA 92376
CLIENT: Ninyo & Moore





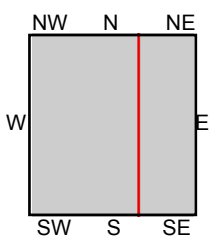
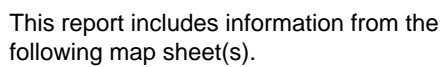
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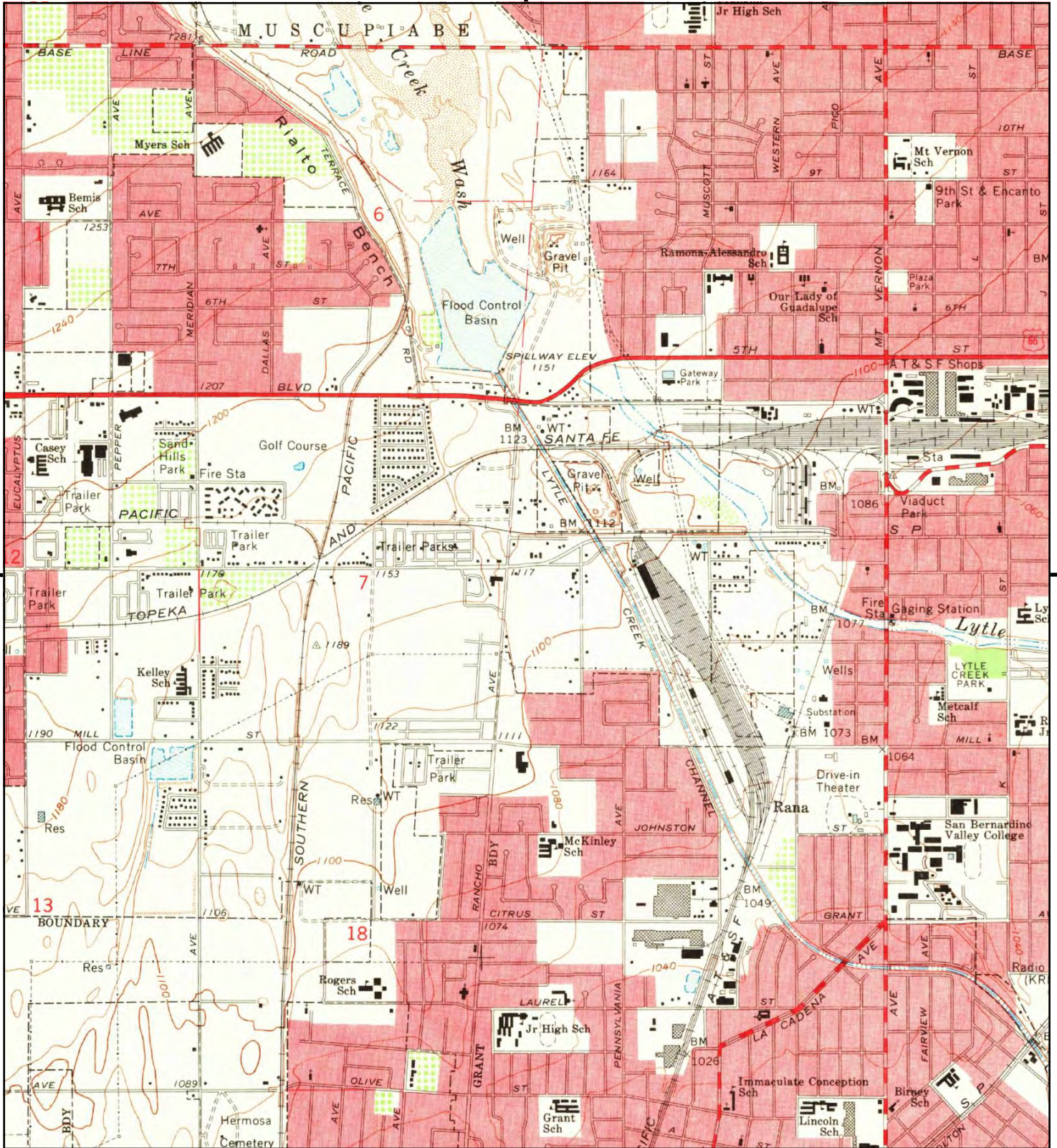


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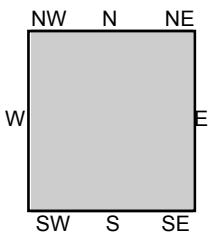
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Rialto, CA 92376
CLIENT: Ninyo & Moore







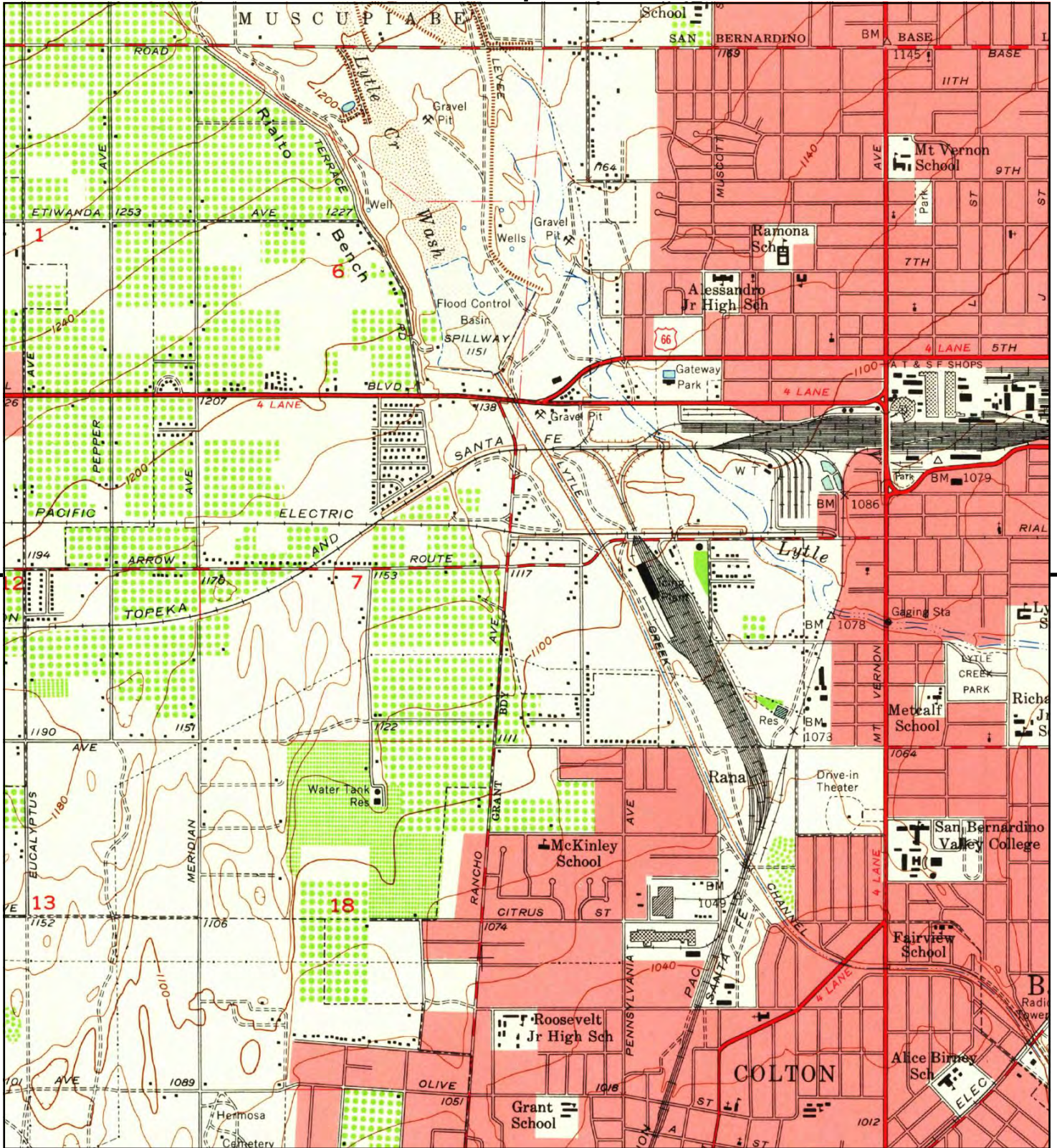
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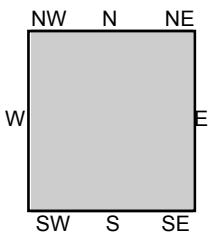
TP, San Bernardino South, 1967, 7.5-minute

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ADDRESS: SANBAG-Rancho to Lilac
Rialto, CA 92376
CLIENT: Ninyo & Moore





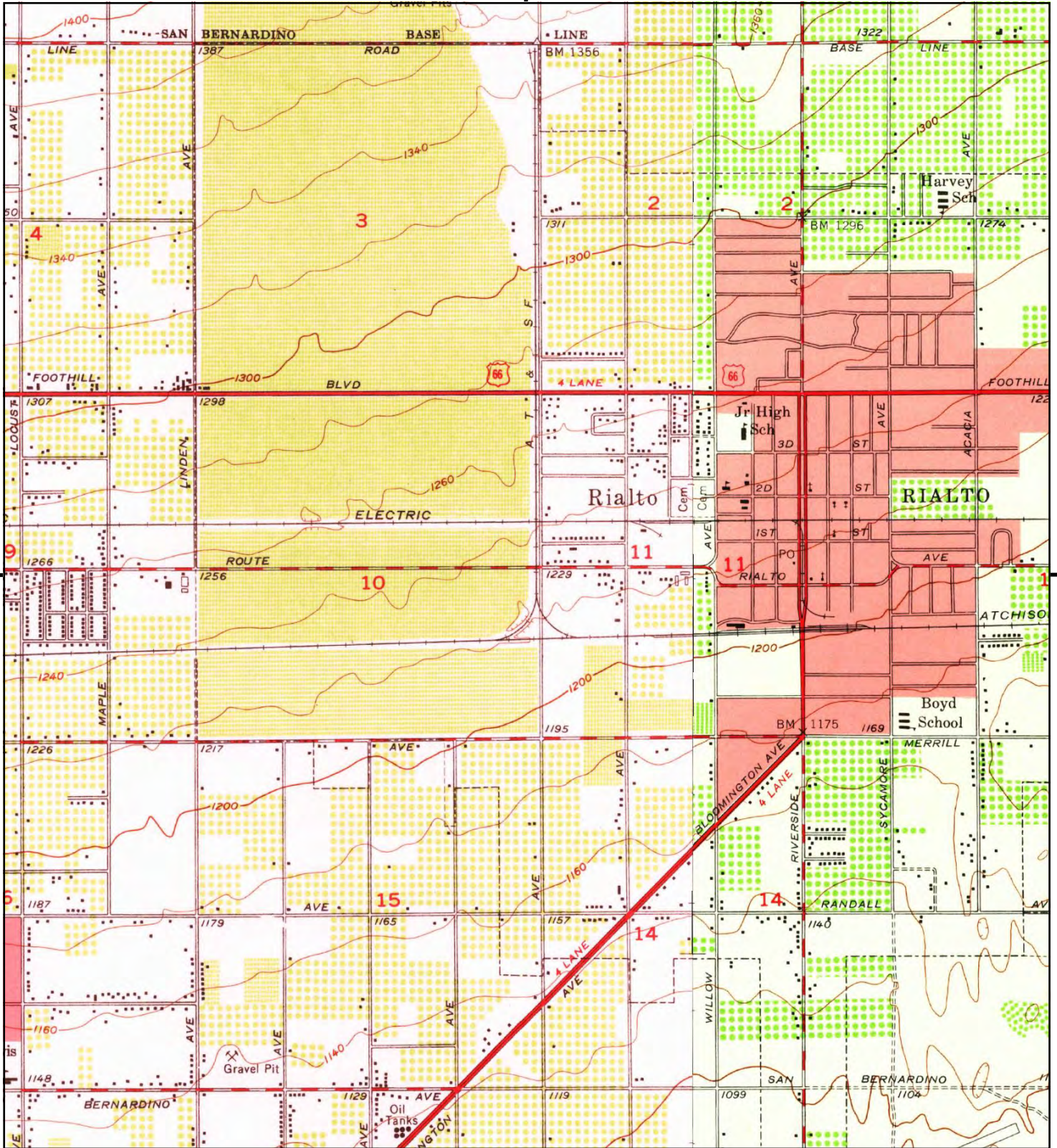
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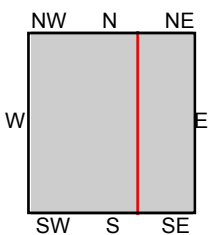
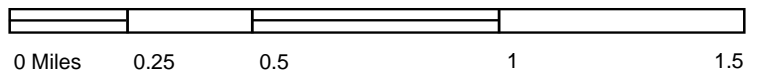
TP, San Bernardino South, 1954, 7.5-minute

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ADDRESS: SANBAG-Rancho to Lilac
Rialto, CA 92376
CLIENT: Ninyo & Moore





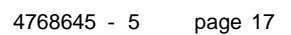
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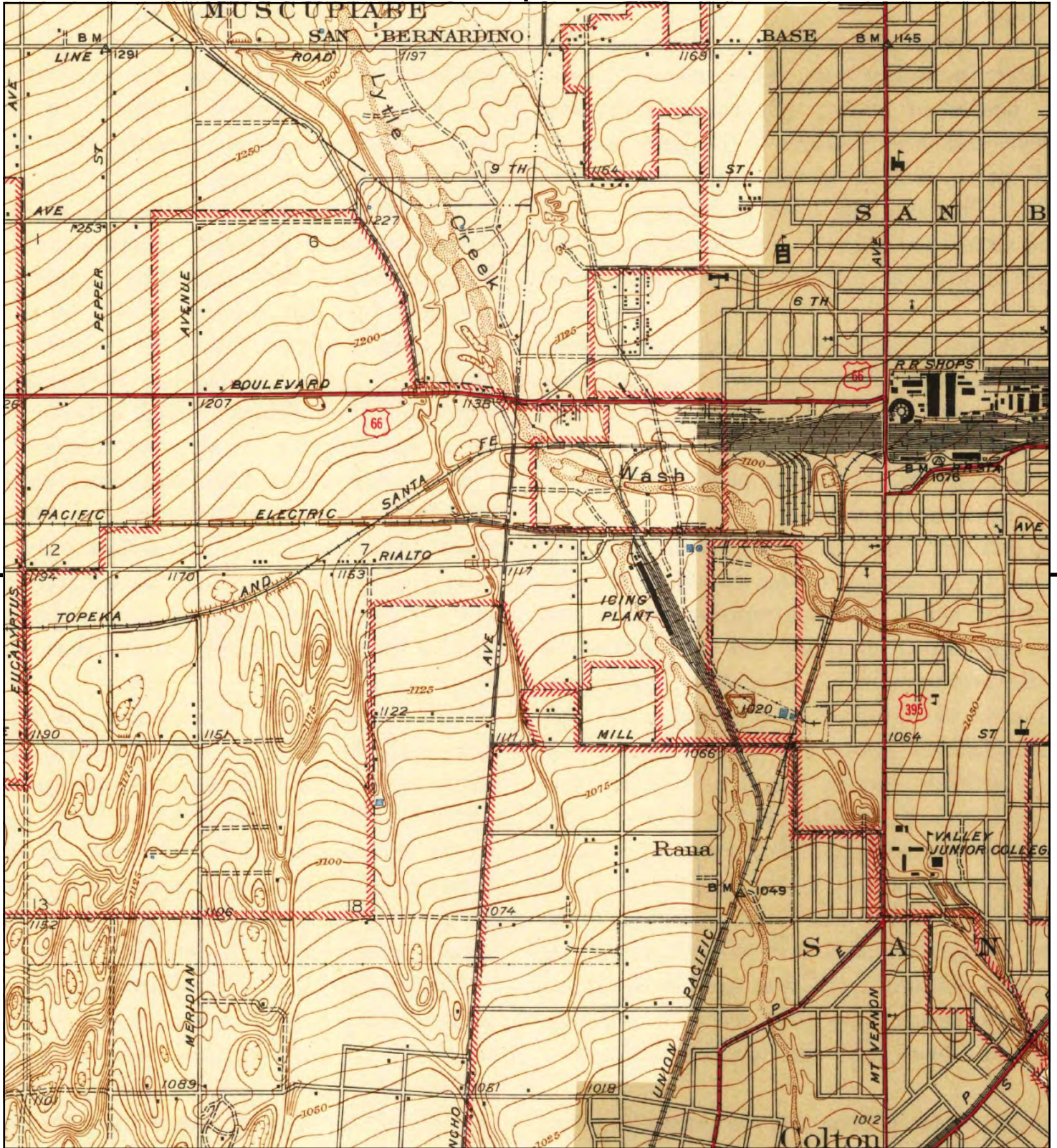


TP, Fontana, 1953, 7.5-minute
SE, San Bernardino South, 1954, 7.5-minute

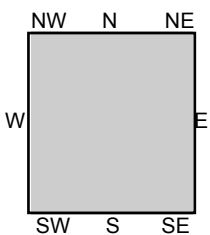
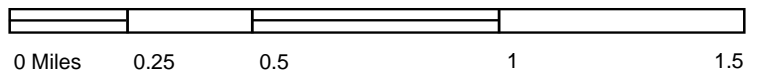
SITE NAME: SANBAG-Rancho to Lilac
ADDRESS: SANBAG-Rancho to Lilac
Rialto, CA 92376
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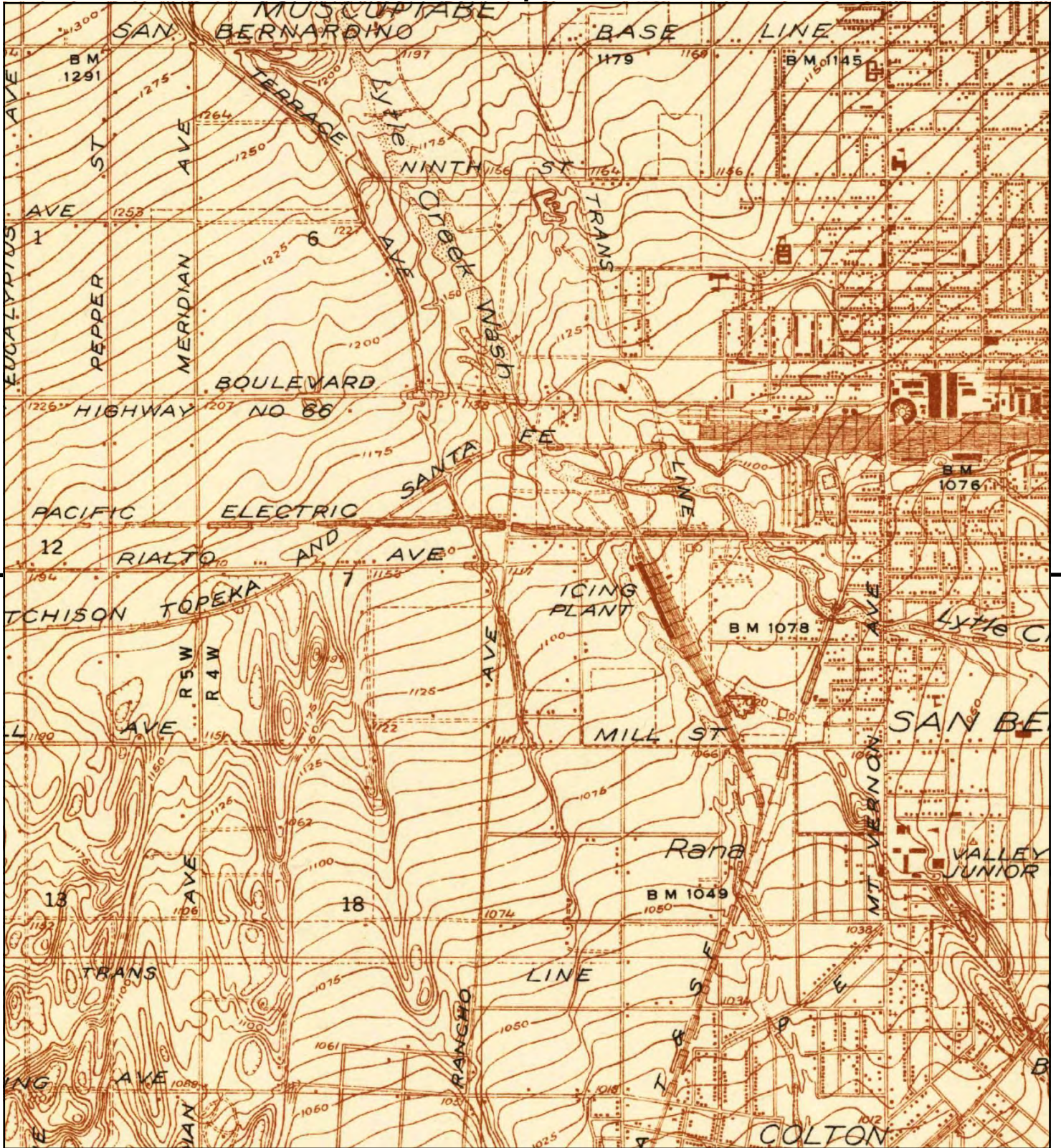
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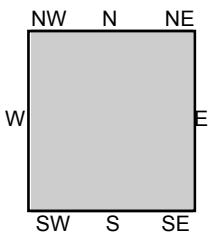
TP, Colton, 1943, 7.5-minute

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ADDRESS: SANBAG-Rancho to Lilac
Rialto, CA 92376
CLIENT: Ninyo & Moore





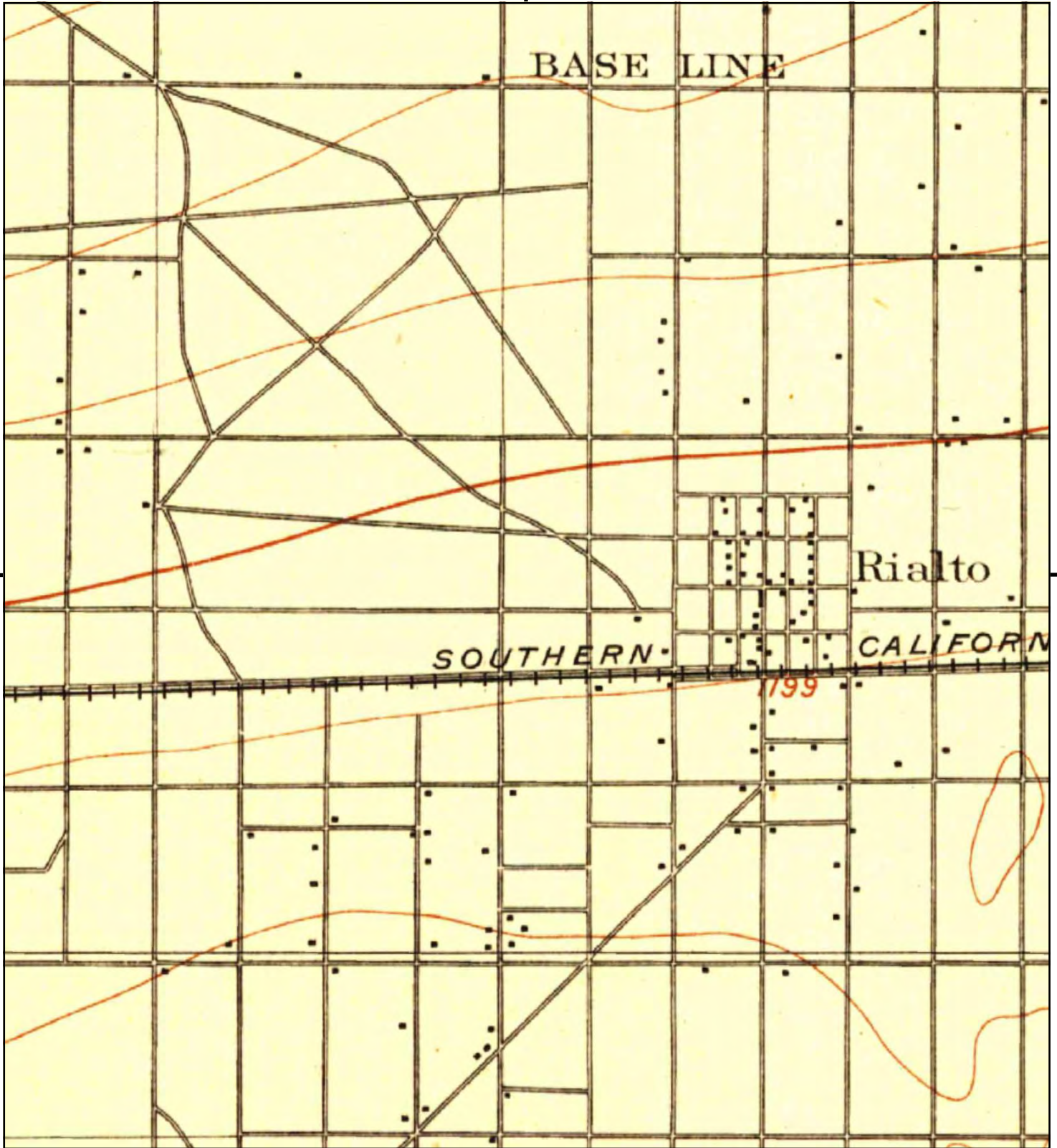
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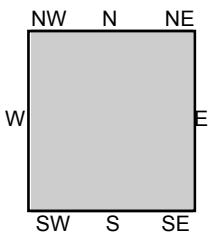
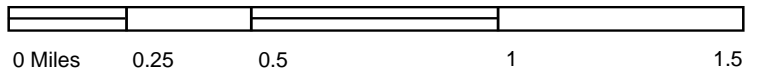
TP, Colton, 1938, 7.5-minute

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ADDRESS: SANBAG-Rancho to Lilac
Rialto, CA 92376
CLIENT: Ninyo & Moore





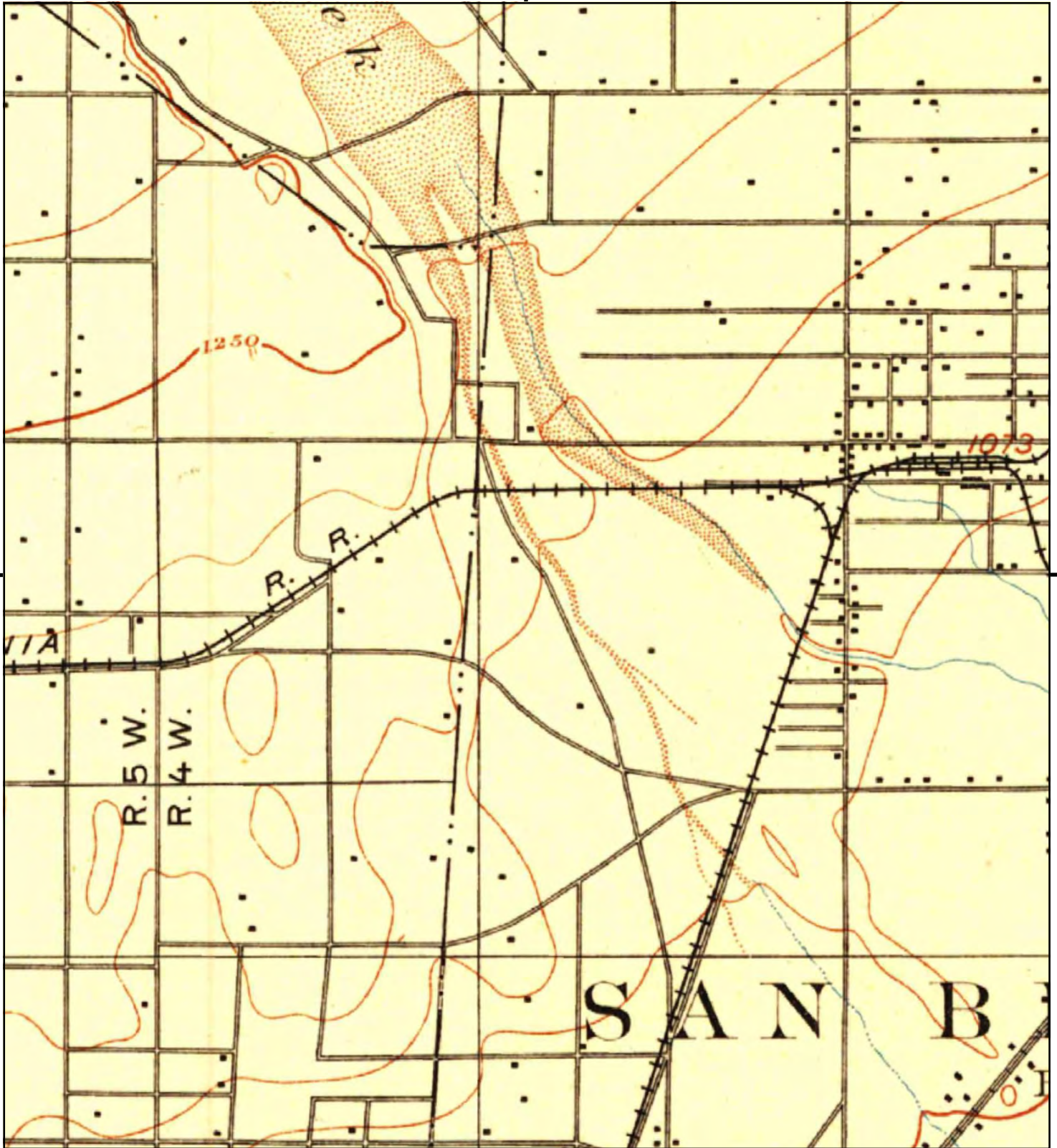
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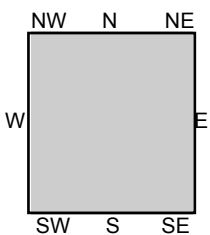
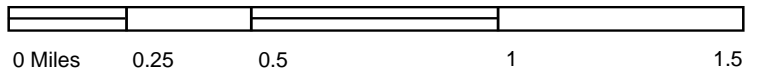
TP, San Bernardino, 1901, 15-minute

SITE NAME: SANBAG-Rancho to Lilac
 ADDRESS: SANBAG-Rancho to Lilac
 Rialto, CA 92376
 CLIENT: Ninyo & Moore





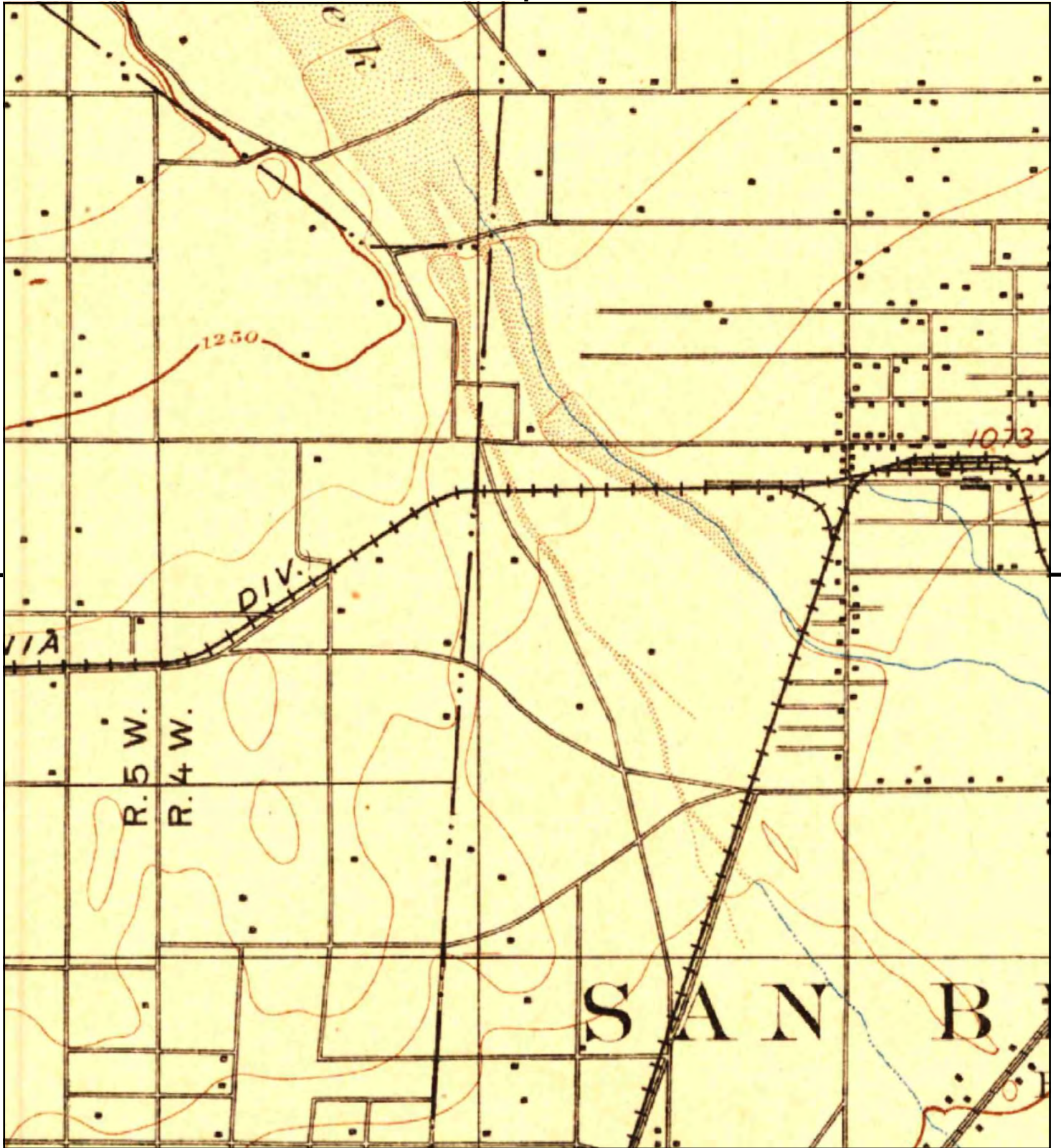
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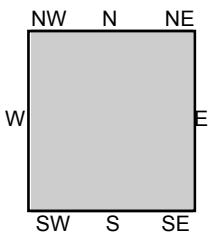
TP, San Bernardino, 1901, 15-minute

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 ADDRESS: SANBAG-Rancho to Lilac
 Rialto, CA 92376
 CLIENT: Ninyo & Moore





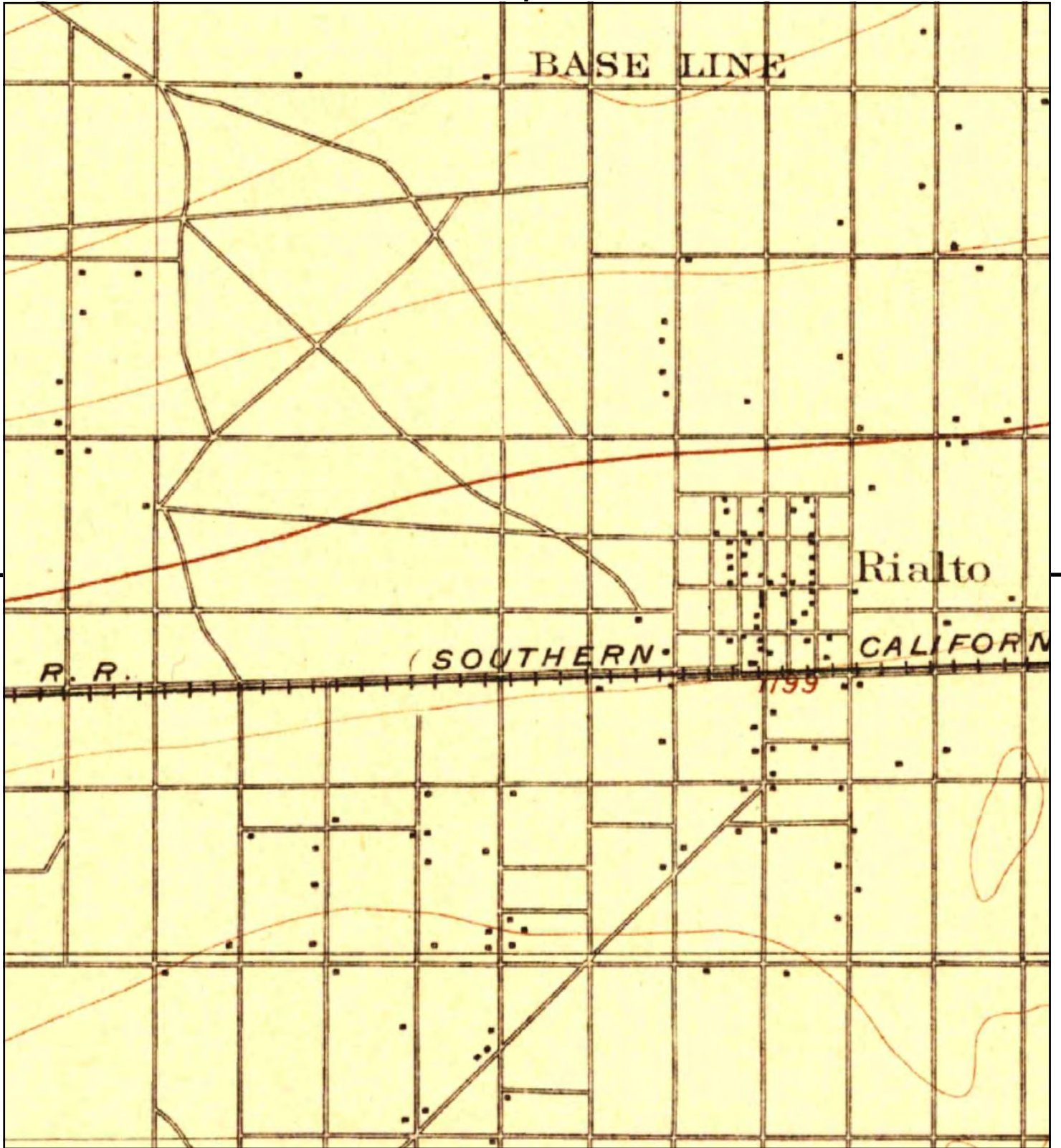
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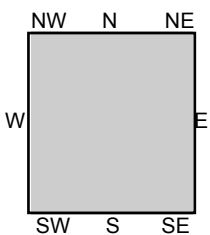
TP, San Bernardino, 1898, 15-minute

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ADDRESS: SANBAG-Rancho to Lilac
Rialto, CA 92376
CLIENT: Ninyo & Moore





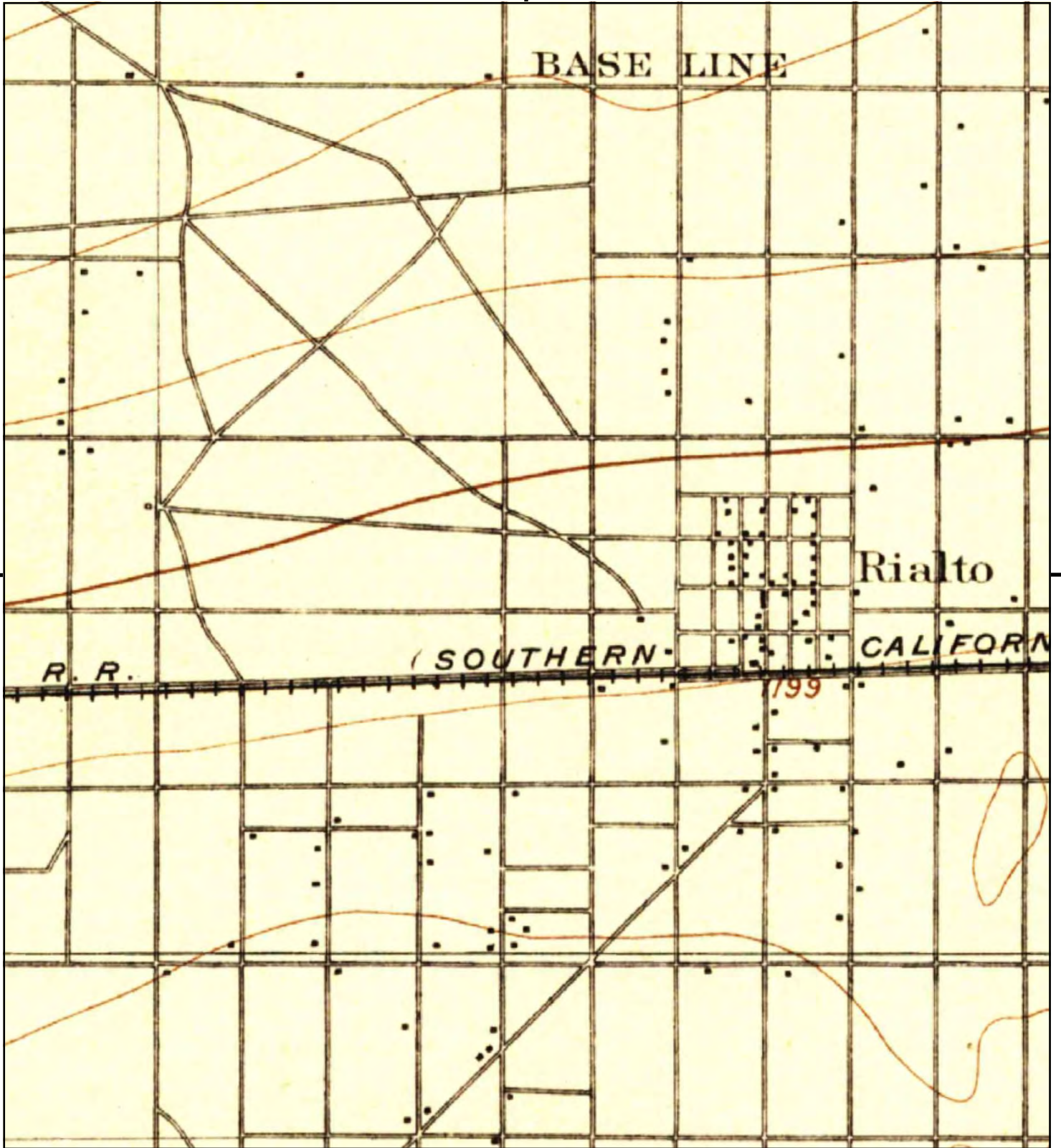
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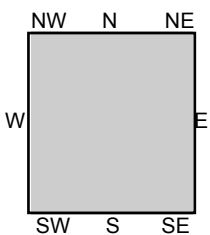
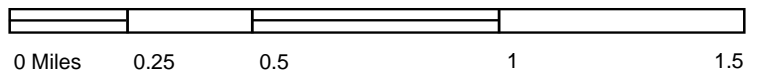
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 ADDRESS: SANBAG-Rancho to Lilac
 Rialto, CA 92376
 CLIENT: Ninyo & Moore





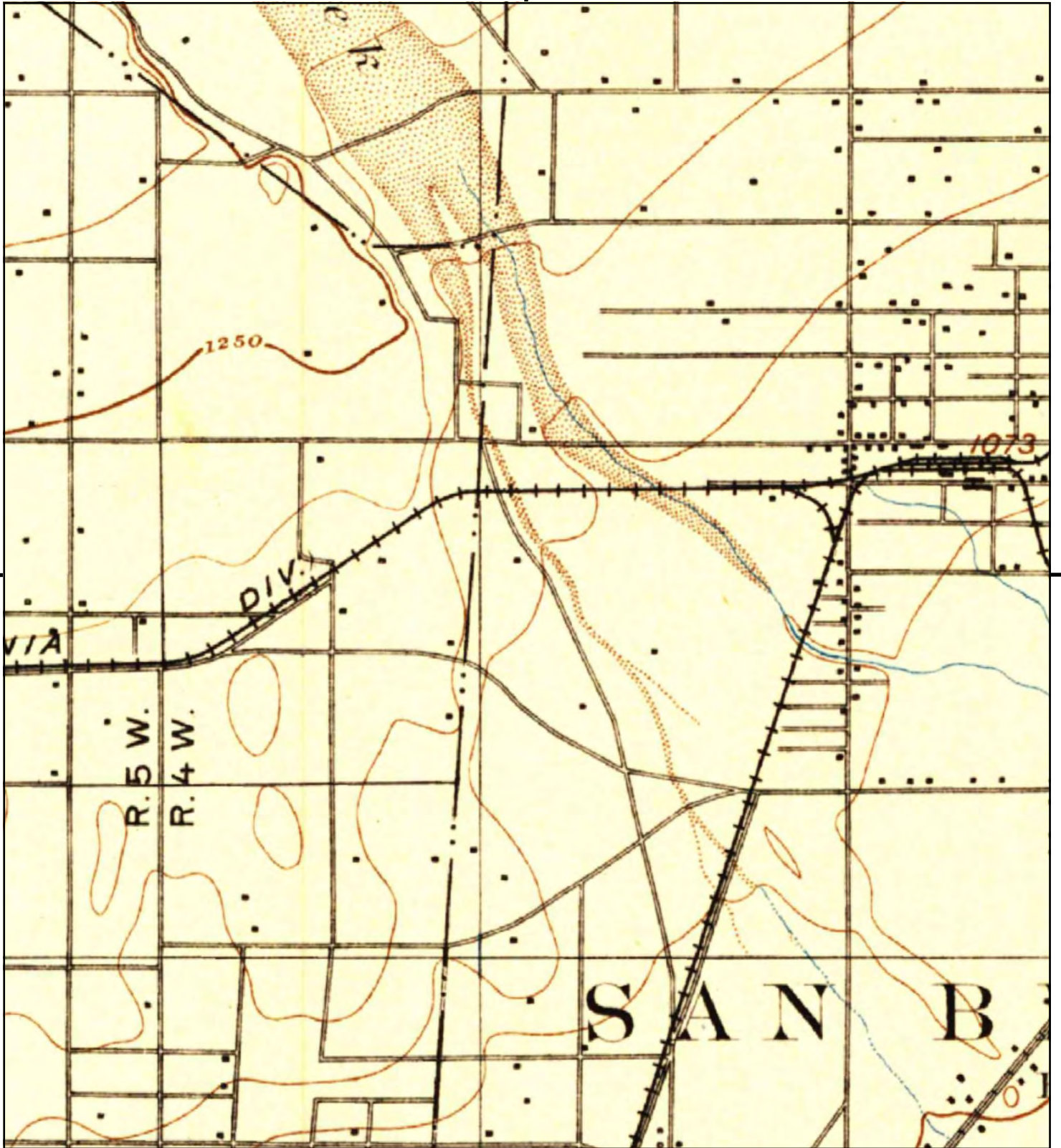
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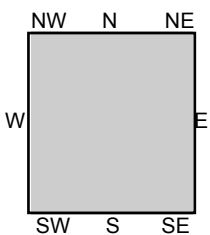
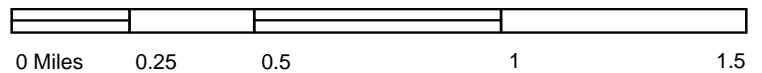
TP, San Bernardino, 1896, 15-minute

SITE NAME: SANBAG-Rancho to Lilac
ADDRESS: SANBAG-Rancho to Lilac
Rialto, CA 92376
CLIENT: Ninyo & Moore





This report includes information from the following map sheet(s).



TP, San Bernardino, 1896, 15-minute

SITE NAME: SANBAG-Rancho to Lilac
ADDRESS: SANBAG-Rancho to Lilac
Rialto, CA 92376
CLIENT: Ninyo & Moore





SANBAG-Rancho to Lilac

SANBAG-Rancho to Lilac

Rialto, CA 92376

Inquiry Number: 4769068.1

November 01, 2016

Certified Sanborn® Map Report



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Certified Sanborn® Map Report

11/01/16

Site Name:

SANBAG-Rancho to Lilac
SANBAG-Rancho to Lilac
Rialto, CA 92376
EDR Inquiry # 4769068.1

Client Name:

Ninyo & Moore
475 Goddard
Irvine, CA 92618
Contact: Patrick Cullip



The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Ninyo & Moore were identified for the years listed below (selected maps only*). The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Certification # 3929-49D4-A4FC

PO # NA

Project 209884001

* Environmental Data Resources, Inc. has been instructed by Ninyo & Moore to print ONLY the Sanborn Maps for the years listed below:

1932 (2)
1929 (2)
1911 (1)
1907 (1)
1892 (1)



Sanborn® Library search results

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- ☒ Library of Congress
- ☒ University Publications of America
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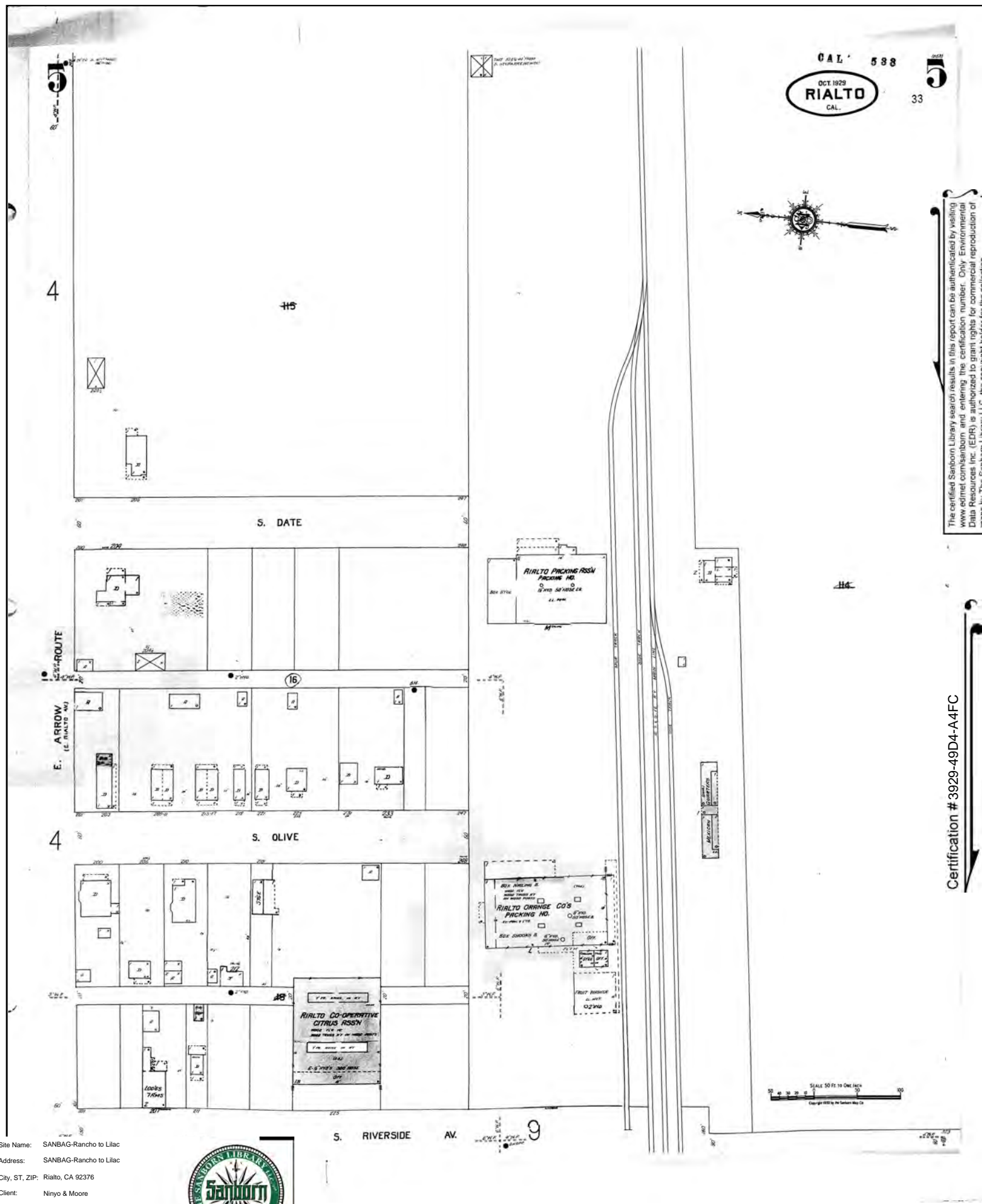
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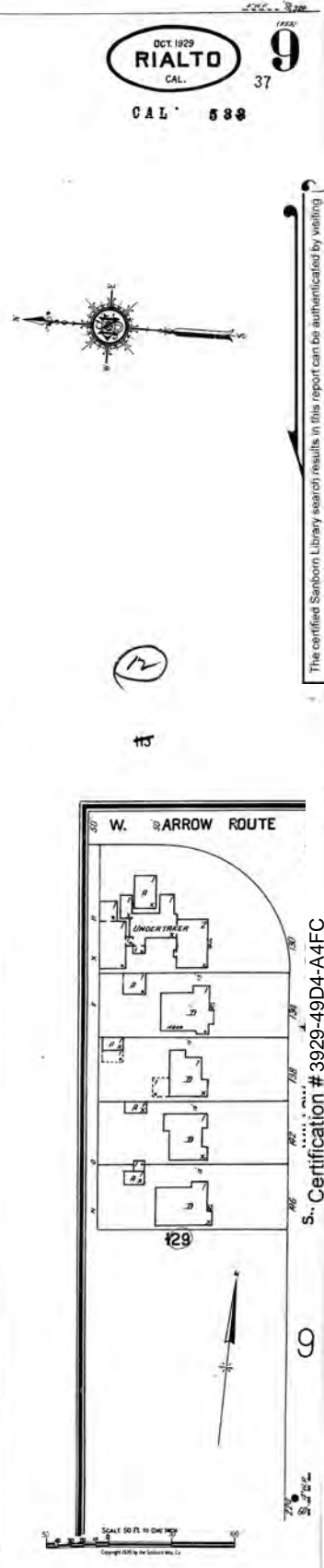
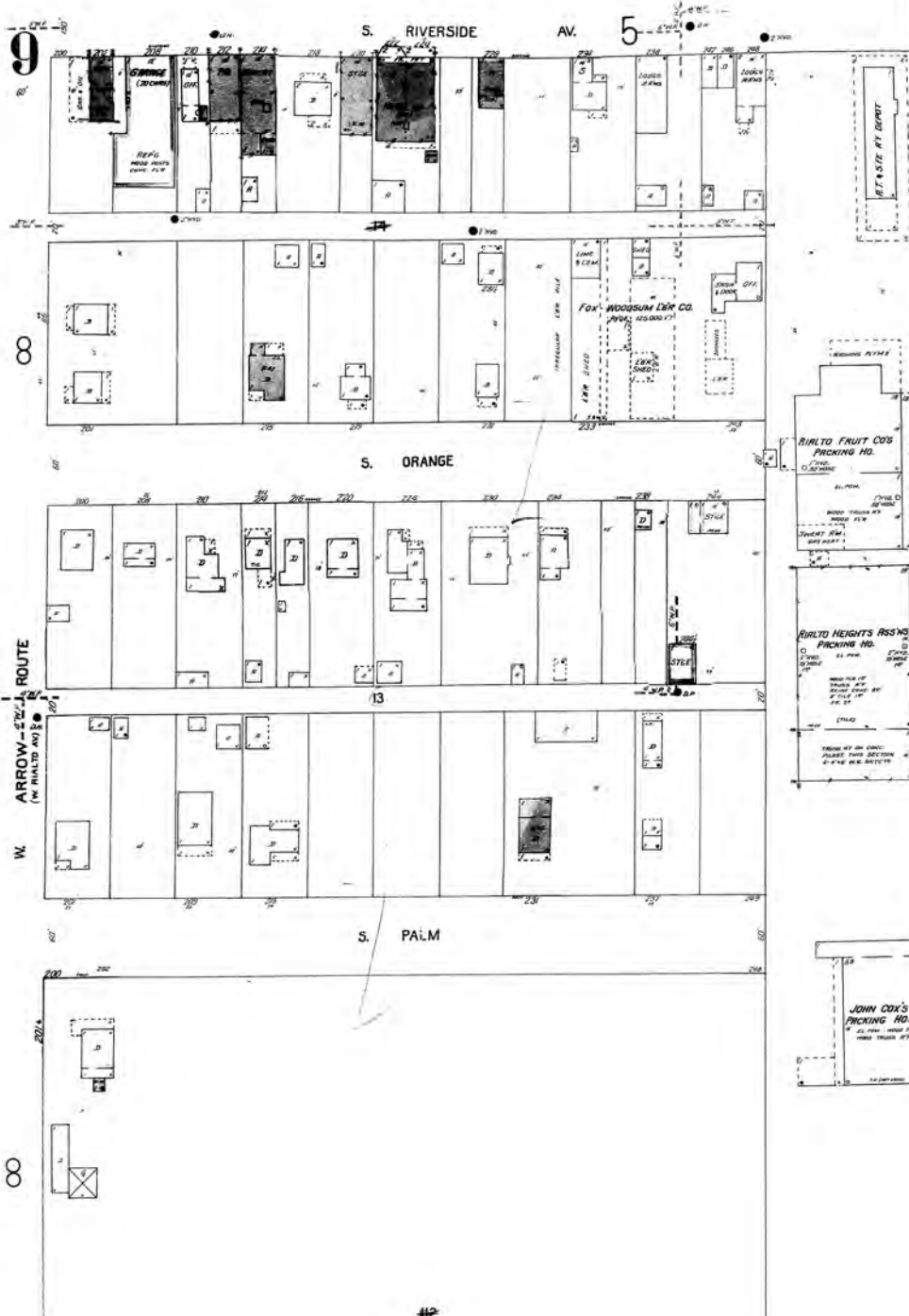
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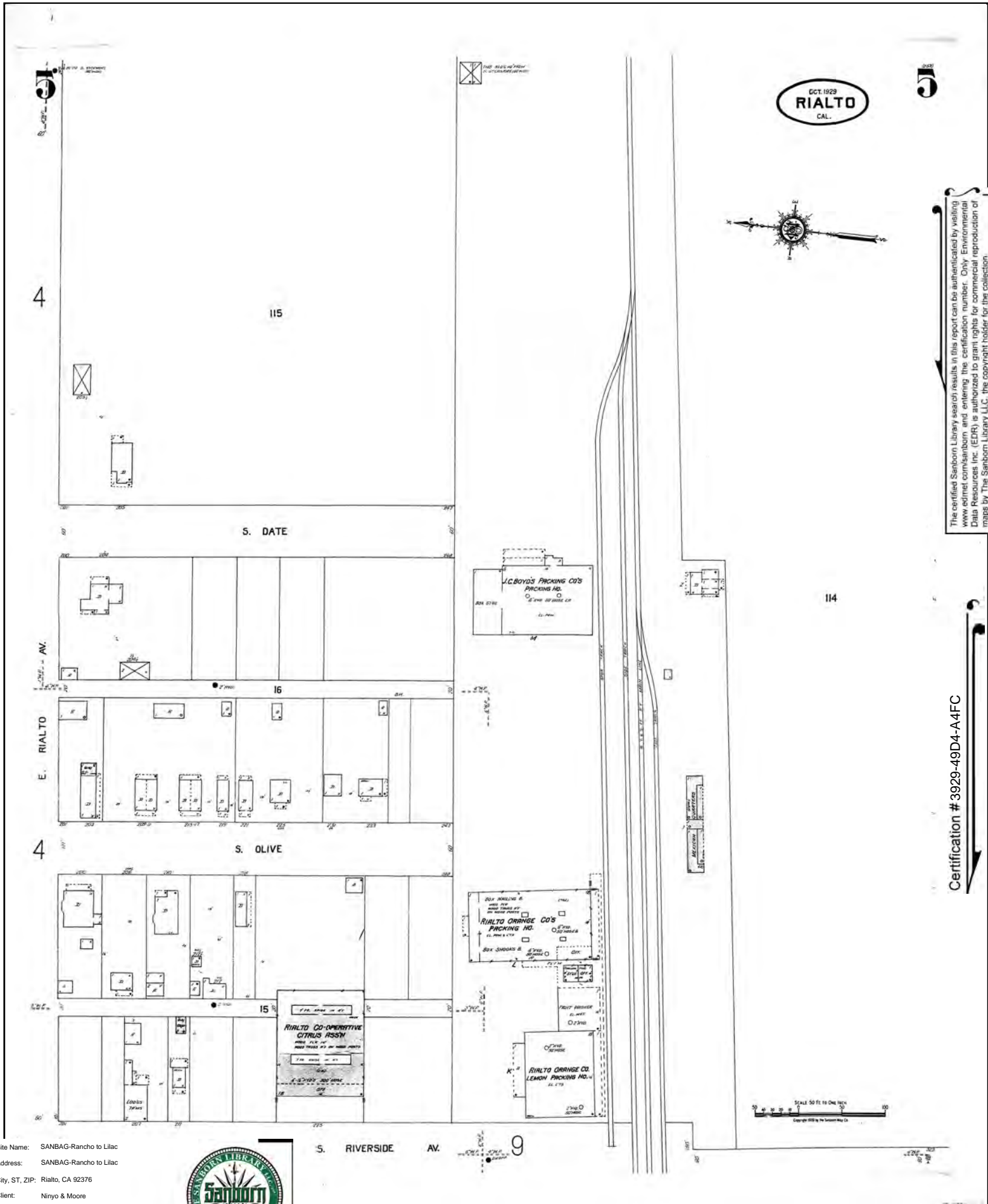


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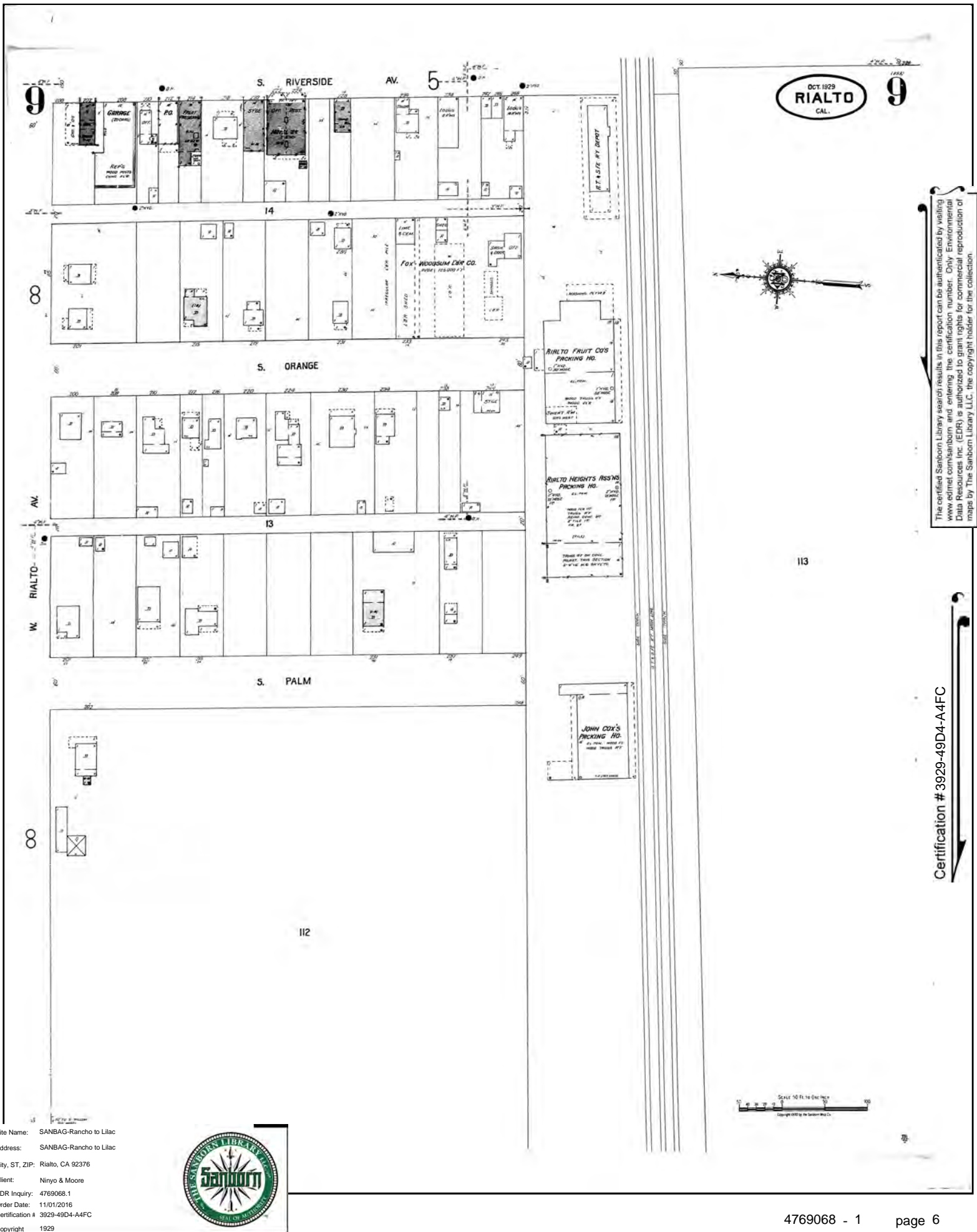
Site Name: SANBAG-Rancho to Lilac
 Address: SANBAG-Rancho to Lilac
 City, ST, ZIP: Rialto, CA 92376
 Client: Ninyo & Moore
 EDR Inquiry: 4769068.1
 Order Date: 11/01/2016
 Certification #: 3929-49D4-A4FC
 Copyright: 1932





Site Name: SANBAG-Rancho to Lilac
 Address: SANBAG-Rancho to Lilac
 City, ST, ZIP: Rialto, CA 92376
 Client: Ninyo & Moore
 EDR Inquiry: 4769068.1
 Order Date: 11/01/2016
 Certification #: 3929-49D4-A4FC
 Copyright: 1929

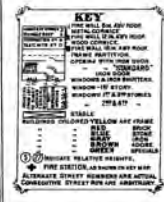




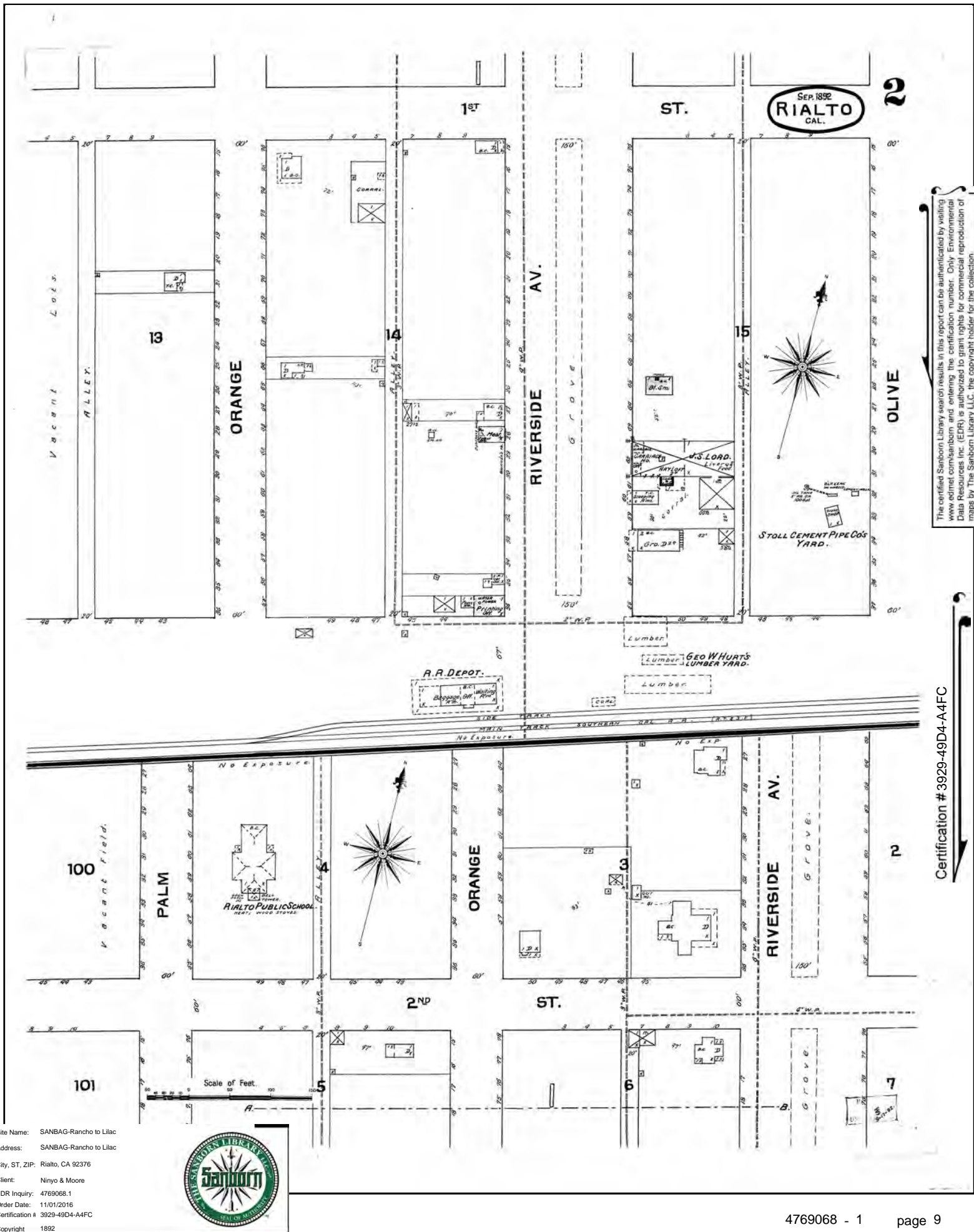
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 Address: SANBAG-Rancho to Lilac
 City, ST, ZIP: Rialto, CA 92376
 Client: Ninyo & Moore
 EDR Inquiry: 4769068.1
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 Copyright: 1929







Certification # 3929-49D4-A4FC



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Certification # 3929-49D4-A4FC

Site Name: SANBAG-Rancho to Lilac
 Address: SANBAG-Rancho to Lilac
 City, ST, ZIP: Rialto, CA 92376
 Client: Ninyo & Moore
 EDR Inquiry: 4769068.1
 Order Date: 11/01/2016
 Certification #: 3929-49D4-A4FC
 Copyright: 1892



APPENDIX D

EDR DATAMAP AREA STUDY

SANBAG-Rancho to Lilac
Rialto, CA 92376

Inquiry Number: 4790919.1s
November 28, 2016

EDR DataMap™ Area Study



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

Thank you for your business.
Please contact EDR at 1-800-352-0050
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EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

RIALTO, CA 92376
RIALTO, CA 92376

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records within the requested search area for the following databases:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
LIENS 2	CERCLA Lien Information
CORRACTS	Corrective Action Report
RCRA-TSDF	RCRA - Treatment, Storage and Disposal
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
TRIS	Toxic Chemical Release Inventory System
FUELS PROGRAM	EPA Fuels Program Registered Listing
DOCKET HWC	Hazardous Waste Compliance Docket Listing
UXO	Unexploded Ordnance Sites
FUSRAP	Formerly Utilized Sites Remedial Action Program
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
IHS OPEN DUMPS	Open Dumps on Indian Land
ABANDONED MINES	Abandoned Mines
FEMA UST	Underground Storage Tank Listing

STATE AND LOCAL RECORDS

CA BOND EXP. PLAN	Bond Expenditure Plan
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
Cortese	"Cortese" Hazardous Waste & Substances Sites List
SWRCY	Recycler Database
SLIC	Statewide SLIC Cases
Notify 65	Proposition 65 Records
VCP	Voluntary Cleanup Program Properties
WMUDS/SWAT	Waste Management Unit Database
PEST LIC	Pesticide Regulation Licenses Listing
BROWNFIELDS	Considered Brownfields Sites Listing
MINES	Mines Site Location Listing
ICE	ICE

EXECUTIVE SUMMARY

WASTEWATER PITS..... Oil Wastewater Pits Listing

TRIBAL RECORDS

INDIAN RESERV..... Indian Reservations
INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land
INDIAN UST..... Underground Storage Tanks on Indian Land

EDR PROPRIETARY RECORDS

RGA LF..... Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

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.

FEDERAL RECORDS

SEMS: SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

A review of the SEMS list, as provided by EDR, and dated 03/07/2016 has revealed that there are 2 SEMS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
SALES UNLIMITED	491 RIALTO AVE.	18	85
RIALTO MERCURY (J P	380 S MERIDIAN AVE	61	280

SEMS-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.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 03/07/2016 has revealed that there

EXECUTIVE SUMMARY

is 1 SEMS-ARCHIVE site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
D&M DRUM CO	137 S LILAC AVE	18	84

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 06/21/2016 has revealed that there is 1 RCRA-LQG site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
RIALTO CITY/POLICE D	128 N WILLOW AVE	15	39

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 06/21/2016 has revealed that there are 17 RCRA-SQG sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
FOURTH ST ROCK CRUSH	1945 W 4TH ST	1	8
J B HUNT	1895 W FOURTH ST	2	17
ARTISTIC CLEANERS	113 S RIVERSIDE AVE	14	33
BROWNS AUTO WORKS	661 W RIALTO	16	43
INLAND TRI TECH RIAL	541 W RIALTO AVE	16	45
RIALTO UNIFIED SCHOO	625 W RIALTO AVE	16	48
MCI TELECOMMUNICATION	157 S LILAC AVE	18	64
MJB CHROME PLATING &	236 SOUTH RIVERSIDE	20	105
SOUTHWEST MATERIALS	735 W RIALTO AVE UNI	27	157
CERTIFIED AUTO REPAI	261 RIALTO AVE	28	162
J & K AUTO BODY	241 S PALM	35	193
RIALTO USD PRINT SH	260 S WILLOW	36	215
GEORGIA PACIFIC CORP	207 S CACTUS	41	240
VALUE CLEANERS	314 S RIVERSIDE AVE	48	254
FLEETWOOD TRAVEL TRA	255 S PEPPER AVE	50	259
STAPLES THE OFFICE S	450 S CACTUS AVE	60	272
TECHNIFORM	375 S CACTUS AVE	60	277

EXECUTIVE SUMMARY

ERNS: The Emergency Response Notification System records and stores information on reported releases of oil and hazardous substances. The source of this database is the U.S. EPA.

A review of the ERNS list, as provided by EDR, and dated 09/26/2016 has revealed that there are 4 ERNS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
Not reported	282 S SYCAMORE AVE	49	257
Not reported	300 SOUTH CACTUS	53	263
Not reported	380 SOUTH MERIDIAN A	61	280
Not reported	380 SOUTH MERIDIAN A	61	282

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 09/20/2016 has revealed that there are 10 US BROWNFIELDS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
SILVA PARCELS #8	241 S. PALM AVENUE A	35	183
SILVA PARCELS #5	241 S. PALM AVENUE A	35	185
SILVA PARCELS #2	241 S. PALM AVENUE A	35	188
SILVA PARCELS #9	241 S. PALM AVENUE A	35	190
SILVA PARCELS #7	241 S. PALM AVENUE A	35	195
SILVA PARCELS #4	241 S. PALM AVENUE A	35	197
SILVA PARCELS #1	241 S.PALM AVE. AND	35	201
SILVA PARCELS #6	241 S. PALM AVENUE A	35	203
SILVA PARCELS #3	241 S. PALM AVENUE A	35	206
CITY WAREHOUSE	261,265 S. WILLOW AV	36	211

ECHO: ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

A review of the ECHO list, as provided by EDR, and dated 09/18/2016 has revealed that there are 14 ECHO sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
J B HUNT	1895 W FOURTH ST	2	17
ARTISTIC CLEANERS	113 S RIVERSIDE AVE	14	33
BROWNS AUTO WORKS	661 W RIALTO	16	43
INLAND TRI TECH RIAL	541 W RIALTO AVE	16	45
RIALTO UNIFIED SCHOO	625 W RIALTO AVE	16	48
MCI TELECOMMUNICATION	157 S LILAC AVE	18	64
D&M DRUM CO	137 S LILAC AVE	18	84
SOUTHWEST MATERIALS	735 W RIALTO AVE UNI	27	157
CERTIFIED AUTO REPAI	261 RIALTO AVE	28	162
J & K AUTO BODY	241 S PALM	35	193
GEORGIA PACIFIC CORP	207 S CACTUS	41	240
VALUE CLEANERS	314 S RIVERSIDE AVE	48	254
FLEETWOOD TRAVEL TRA	255 S PEPPER AVE	50	259
TECHNIFORM	375 S CACTUS AVE	60	277

EXECUTIVE SUMMARY

STATE AND LOCAL RECORDS

HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there is 1 HIST Cal-Sites site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
D & M DRUM CO	137 LILAC AVENUE	18	69

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTATES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 10 HIST CORTESE sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
RIALTO UNIFIED SCHOO Reg Id: 083603531T	625 W RIALTO AVE	16	48
ARCO #5305 Reg Id: 083603438T	484 RIALTO	18	95
POMA AUTOMATED FUEL Reg Id: 083603105T	2095 RIALTO	23	146
ARCO - RIVERSIDE SER Reg Id: 083601577T	1877 RIALTO	23	147
PENHALL COMPANY Reg Id: 083603198T	2190 RIVERSIDE AVE	23	147
ARCO COLTON TERMINAL Reg Id: 083603126T	2395 RIALTO	25	149
RIALTO, CITY OF/ MET Reg Id: 083603008T	290 RIALTO	28	163
MOBIL #18-ELG Reg Id: 083602896T	296 RIALTO	28	163
CONOCO OIL Reg Id: 083602827T	296 RIALTO	28	163
YOUNG'S MARKET CO. Reg Id: 083602348T	260 S WILLOW AVE	36	217

EXECUTIVE SUMMARY

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 16 LUST sites within the searched area.

Site	Address	Map ID	Page
FOURTH ST ROCK CRUSH Database: LUST, Date of Government Version: 09/12/2016 Status: Completed - Case Closed Global Id: T0607170228	1945 W 4TH ST	1	7
FOURTH ST ROCK CRUSH Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Case Closed Global ID: T0607170228	1945 W 4TH ST	1	8
RIALTO UNIFIED SCHOO Database: LUST, Date of Government Version: 09/12/2016 Status: Completed - Case Closed Global Id: T0607100595	625 W RIALTO AVE	16	48
NAT'L CONVENIENCE ST Database: LUST, Date of Government Version: 09/12/2016 Status: Completed - Case Closed Global Id: T0607100054 Global Id: T0607100572	105 S PEPPER ST	22	122
NAT'L CONVENIENCE ST Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Case Closed Global ID: T0607100054	105 PEPPER ST	22	129
CIRCLE K # 5249 Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Case Closed Global ID: T0607100572	105 PEPPER AVE	22	130
ARCO #6365 - AM/PM M Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Pollution Characterization Global ID: T0607100133	2898 RIALTO AVE	22	134
ARCO # 6365 Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Preliminary site assessment underway Global ID: T060713776	2898 RIALTO AVENUE	22	136
INTER AM-PM MINI MAR Database: LUST, Date of Government Version: 09/12/2016 Status: Completed - Case Closed Global Id: T0607100133	2898 W RIALTO AVE	22	137
BEST OIL COMPANY Database: LUST, Date of Government Version: 09/12/2016 Status: Completed - Case Closed Global Id: T060713776	2898 W RIALTO	22	139
PENHALL COMPANY Database: LUST REG 8, Date of Government Version: 02/14/2005 Facility Status: Case Closed	2190 RIVERSIDE AVE	23	147

EXECUTIVE SUMMARY

Global ID: T0607100486			
RIALTO, CITY OF/ MET	290 S PALM AVE	35	181
Database: LUST, Date of Government Version: 09/12/2016			
Status: Completed - Case Closed			
Global Id: T0607100448			
RIALTO, CITY OF/ MET	290 PALM AVE	35	210
Database: LUST REG 8, Date of Government Version: 02/14/2005			
Facility Status: Case Closed			
Global ID: T0607100448			
RIALTO USD DIST ADMI	260 S WILLOW AVE	36	213
Database: LUST, Date of Government Version: 09/12/2016			
Status: Completed - Case Closed			
Global Id: T0607100301			
YOUNG'S MARKET CO.	260 S WILLOW AVE	36	217
Database: LUST REG 8, Date of Government Version: 02/14/2005			
Facility Status: Case Closed			
Global ID: T0607100301			
ARCO #5305	484 RIVERSIDE AVE	62	283
Database: LUST REG 8, Date of Government Version: 02/14/2005			
Facility Status: Case Closed			
Global ID: T0607100568			

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 17 CA FID UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
FOURTH STREET ROCK C	1945 W 4TH ST	1	6
Facility Id: 36000547			
Status: A			
RIALTO UNIFIED SCHOO	625 W RIALTO AVE	16	48
Facility Id: 36000482			
Status: A			
M C I	157 LILAC AVE	18	68
Facility Id: 36004078			
Status: A			
SALES UNLIMITED INC	491 W RIALTO AVE	18	93
Facility Id: 36008438			
Status: A			
WESTERN AMERICAN FOR	436 W RIALTO AVE	18	97
Facility Id: 36008206			
Status: I			
ECON O LUBE & TUNE	595 S RIVERSIDE DR	20	113
Facility Id: 36005782			
Status: A			
STOP & GO #2322	105 S PEPPER AVE	22	126

EXECUTIVE SUMMARY

Facility Id: 36000256 Status: A			
BEST OIL COMPANY Facility Id: 36000300 Status: A	2898 W RIALTO	22	139
RIALTO POLICE DEPT/F Facility Id: 36008914 Status: A	128 S WILLOW	28	164
RIALTO FIRE STA #1 Facility Id: 36000746 Status: A	131 S WILLOW	28	165
AMERICAN ORNAMENTAL Facility Id: 36008437 Status: A	805 W RIALTO	29	169
YOUNG'S MARKET CO. Facility Id: 36003373 Status: A	260 S WILLOW AVE	36	217
CITY OF RIALTO/MAINT Facility Id: 36002477 Status: A	246 S WILLOW	36	222
CALIFORNIA FOODS COR Facility Id: 36004919 Status: A	206 S LILAC	40	237
WELLS FARGO ALARM SE Facility Id: 36002190 Status: A	300 S SYCAMORE AVE	44	244
AMBER STEEL CO. Facility Id: 36009076 Status: A	312 S WILLOW AVE	45	247
RIALTO TOC "RTO" Facility Id: 36000694 Status: A	282 S SYCAMORE AVE	49	257

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 5 UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
FOURTH ST ROCK CRUSH Database: UST, Date of Government Version: 09/12/2016 Facility Id: 86009136	1945 W 4TH ST	1	8
ARCO PETROLEUM PROD- Database: UST, Date of Government Version: 09/12/2016 Facility Id: 85003357	239S S RIVERSIDE AVE	20	108
CIRCLE K #5249 Database: UST, Date of Government Version: 09/12/2016	105 S PEPPER AVE	22	131

EXECUTIVE SUMMARY

Facility Id: 86009311

INTER AM-PM MINI MAR **2898 W RIALTO AVE** **22** **137**

Database: UST, Date of Government Version: 09/12/2016

Facility Id: 85007557

U S SPRINT/RIALTO SW **282 S SYCAMORE AVE** **49** **259**

Database: UST, Date of Government Version: 09/12/2016

Facility Id: 86008401

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 12 HIST UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
FOURTH STREET ROCK C	1945 W FOURTH STREET	1	5
RIALTO POLICE DEPT/F	128 NORTH WILLOW	15	37
Facility Id: 00000035152			
RIALTO UNIFIED SCHOO	625 W RIALTO AVE	16	48
Facility Id: 00000063405			
WESTERN AMERICAN FOR	436 W RIALTO AVE	18	98
Facility Id: 00000014391			
TEXACO SERVICE STATI	105 S PEPPER AVE	22	118
Facility Id: 00000013448			
E-Z SERVE	2898 W RIALTO AVE	22	133
Facility Id: 00000020265			
YOUNG'S MARKET CO.	260 S WILLOW AVE	36	217
CITY OF RIALTO/GARAG	245 SOUTH WILLOW	36	220
Facility Id: 00000035154			
CITY OF RIALTO/MAINT	246 S WILLOW	36	222
WELLS FARGO ALARM SE	300 S SYCAMORE AVE	44	244
AMBER STEEL COMPANY	312 S WILLOW AVE	45	245
Facility Id: 00000049277			
FLEETWOOD TRAVEL TRA	255 S PEPPER AVE	50	259
Facility Id: 00000016702			

LIENS: A listing of property locations with environmental liens for California where DTSC is a lien holder.

A review of the LIENS list, as provided by EDR, and dated 08/25/2016 has revealed that there is 1 LIENS site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
D & M DRUM CO	137 LILAC AVENUE	18	84
Envirostor Id: 36500010			

EXECUTIVE SUMMARY

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 17 SWEEPS UST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
FOURTH STREET ROCK C Status: A Tank Status: A Comp Number: 11418	1945 W 4TH ST	1	6
RIALTO UNIFIED SCHOO Status: A Tank Status: A Comp Number: 63405	625 W RIALTO AVE	16	48
M C I Status: A Tank Status: A Comp Number: 11388	157 LILAC AVE	18	68
SALES UNLIMITED INC Status: A Comp Number: 8417	491 W RIALTO AVE	18	93
WESTERN AMERICAN FOR Comp Number: 14391	436 W RIALTO AVE	18	97
ECON O LUBE & TUNE Status: A Tank Status: A Comp Number: 8408	595 S RIVERSIDE DR	20	113
STOP & GO #2322 Status: A Tank Status: A Comp Number: 13448	105 S PEPPER AVE	22	126
E-Z SERVE Status: A Tank Status: A Comp Number: 20265	2898 W RIALTO AVE	22	133
INTER AM-PM MINI MAR Comp Number: 7580	2898 W RIALTO AVE	22	137
RIALTO POLICE DEPT/F Status: A Tank Status: A Comp Number: 35152	128 S WILLOW	28	164
RIALTO FIRE STA #1 Status: A Tank Status: A Comp Number: 35153	131 S WILLOW	28	165
YOUNG'S MARKET CO. Comp Number: 8457	260 S WILLOW AVE	36	217
CITY OF RIALTO/MAINT	246 S WILLOW	36	222

EXECUTIVE SUMMARY

Status: A
 Tank Status: A
 Comp Number: 35151

CALIFORNIA FOODS COR	206 S LILAC	40	237
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Status: A
 Tank Status: A
 Comp Number: 8427

WELLS FARGO ALARM SE	300 S SYCAMORE AVE	44	244
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Status: A
 Tank Status: A
 Comp Number: 66998

AMBER STEEL CO.	312 S WILLOW AVE	45	247
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Status: A
 Tank Status: A
 Comp Number: 49277

RIALTO TOC "RTO"	282 S SYCAMORE AVE	49	257
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Status: A
 Tank Status: A
 Comp Number: 59537

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 06/03/2016 has revealed that there are 16 CHMIRS sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
Not reported OES Incident Number: 3-2733	2258 W. 2ND ST.	6	23
VERIZON BUSINESS-RLT OES Incident Number: 16-2055	157 S LILAC AVE	18	65
Not reported OES Incident Number: 15-5311	436 WEST RIALTO BLVD	18	95
Not reported OES Incident Number: 4-3169	219 S. RIVERSIDE AVE	20	106
Not reported OES Incident Number: 4-5990	2744 WEST RIALTO AVE	21	117
Not reported OES Incident Number: 08-3592	2826 WEST RIALTO AVE	22	131
Not reported OES Incident Number: 10-6391	W. RIALTO AVE & S. M	26	149
Not reported OES Incident Number: 991954 Date Completed: 05-MAR-88	54 S WILLOW	28	166
Not reported OES Incident Number: 16-1661	200 SOUTH SYCAMORE A	34	179
Not reported	246 SO WILLOW AVE	36	225

EXECUTIVE SUMMARY

OES Incident Number: 1-2981			
Not reported	201 SOUTH CACTUS	38	227
OES Incident Number: 08-8817			
Not reported	334 SOUTH RIVERSIDE	48	249
OES Incident Number: 6-4732			
Not reported	320 SOUTH RIVERSIDE	48	251
OES Incident Number: 4-3205			
SPRINT RIALTO SWITCH	282 S SYCAMORE AVE	49	258
OES Incident Number: 802309			
Date Completed: 27-JUL-88			
Not reported	426 EAST SOUTH STREE	57	267
OES Incident Number: 10-5113			
Not reported	402 EAST SOUTH STREE	57	269
OES Incident Number: 10-5112			

AST: A listing of aboveground storage tank petroleum storage tank locations.

A review of the AST list, as provided by EDR, and dated 07/06/2016 has revealed that there are 4 AST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
A & R TRANSPORT INC	194 N RANCHO AVE	7	25
SCE-RIALTO SUBSTATIO	1ST & DATE AVE	12	31
RIALTO UNIFIED SCHOO	625 W RIALTO AVE	16	48
RIALTO BIOENERGY FAC	503 S SANTA ANA AVE	58	270

DEED: The use of recorded land use restrictions is one of the methods the DTSC uses to protect the public from unsafe exposures to hazardous substances and wastes .

A review of the DEED list, as provided by EDR, and dated 09/06/2016 has revealed that there is 1 DEED site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
D & M DRUM CO	137 LILAC AVENUE	18	69
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY			
Envirostor ID: 36500010			

DRYCLEANERS: A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaners' agents; linen supply; coin-operated laundries and cleaning; drycleaning plants except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

A review of the DRYCLEANERS list, as provided by EDR, and dated 06/02/2016 has revealed that there are 2 DRYCLEANERS sites within the searched area.

EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
JJ CLEANERS EPA Id: CAL000270901 EPA Id: CAL000313380	316 RIVERSIDE AVE	48	252
VALUE CLEANERS EPA Id: CAD983603648	314 S RIVERSIDE AVE	48	254

RESPONSE: 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.

A review of the RESPONSE list, as provided by EDR, has revealed that there is 1 RESPONSE site within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
D & M DRUM CO AWP Facility Id: 36500010 Status: Certified O&M - Land Use Restrictions Only Facility Id: 36500010	137 LILAC AVENUE	18	69

HAZNET: 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 from non-California manifests & continuation sheets are not included at the present time. 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, & disposal method. The source is the Department of Toxic Substance Control is the agency. This database begins with calendar year 1993.

A review of the HAZNET list, as provided by EDR, and dated 12/31/2014 has revealed that there are 118 HAZNET sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
APPLE AUTO DISMANTLI GEPAID: CAL000309657	1941 W 4TH ST	1	3
FOURTH STREET ROCK C GEPAID: CAC000034462	1945 W FOURTH STREET	1	5
FOURTH ST ROCK CRUSH GEPAID: CAD981992647	1945 W 4TH ST	1	8
J B HUNT TRANSPORT I GEPAID: CAL000104493	1895 W 4TH ST	2	13
JB HUNT GEPAID: CAR000072231	1895 W 4TH ST	2	15
WYATTS PAINT & BODY GEPAID: CAL000355162	350 N RANCHO AVE	3	18
WYATT'S PAINT AND BO GEPAID: CAL000161105	350 N RANCHO AVE	3	20
CARMELITA LANUZA	267 N MACY ST	4	22

EXECUTIVE SUMMARY

GEPAID: CAC002782424			
JAMES RICE - SFR GEPAID: CAC002723372	2222 W 2ND ST	6	23
A&R LOGISTICS SAN BE GEPAID: CAL000301865	194 NORTH RANCHO AVE	7	25
A R TRANS INC GEPAID: CAC002202569	194 N RANCHO AVE	7	27
VETERANS ADMINISTRAT GEPAID: CAC002287961	2273 W KING ST	8	27
A J S ASSOCIATES LP GEPAID: CAC002610914	2631 W 2ND ST	9	28
ROGER J DIESEL REPAI GEPAID: CAL000355425	174 N RANCHO AVE	10	28
ELLIOTT PRECISION BL GEPAID: CAD008278277	157 N RANCHO AVE	11	29
BOBBY LEON INGRAM GEPAID: CLU960008552	71 SOUTH DATE	12	30
CASA DEL SOL GEPAID: CAC002559677	300 N 1ST ST	13	32
ARTISTIC CLEANERS GEPAID: CAD981614811	113 S RIVERSIDE AVE	14	33
STEPHEN BRINGAS GEPAID: CLU960006224	114 SOUTH RIVERSIDE	14	36
CITY OF RIALTO GEPAID: CAC002636980	128 N WILLOW AVE	15	38
RIALTO CITY/POLICE D GEPAID: CAC002732490 GEPAID: CAC001059800	128 NORTH WILLOW AVE	15	38
BROWNS AUTO WORKS GEPAID: CAL000037629	661 RIALTO AVE	16	41
DK&J ENTERPRISES INC GEPAID: CAL000355063	661 W RIALTO AVE	16	42
INLAND TRI TECH RIAL GEPAID: CAR000053785	541 W RIALTO AVE	16	45
M O T YARD GEPAID: CAD981632557	625 W RIALTO AVE	16	55
BOB TOON MUFFLER AND GEPAID: CAL000070770	646 WEST RIALTO AVE	16	58
RIALTO SMOG & MUFFLE GEPAID: CAL000262059	646 W RIALTO AVE	16	59
CALIFORNIA HYDRAULIC GEPAID: CAL000007628	570 W RIALTO AVE	16	61
HUD GEPAID: CAC001304352	431 1ST STREET EAST	17	63
MCI TELECOMMUNICATION GEPAID: CAC002665398	157 S LILAC AVE	18	64
VERIZON BUSINESS-RLT	157 S LILAC AVE	18	65

EXECUTIVE SUMMARY

GEPAID: CAC002739588			
JACK FALLUCCA PAINT& GEPAID: CAD064456205	421 W RIALTO AVE	18	87
CALIBER COLLISION CE GEPAID: CAR000044107	421 W RIALTO AVE	18	88
CALIBER BODYWORKS IN GEPAID: CAL000265317	421 WEST RIALTO AVE	18	90
JACK FALLUCCA'S PAIN GEPAID: CAL000039253	421 WEST RIALTO AVE	18	93
ORANGE COUNTY LUMBER GEPAID: CAL000252725	436 W RIALTO AVE	18	96
METRO BANK GEPAID: CAC000718920	130 NORTH LILAC AVEN	18	99
TRI-STAR FAMILY DENT GEPAID: CAL000250753	106 N EUCALYPTUS AVE	19	99
TRI-STAR FAMILY DENT GEPAID: CAL000152008	106 N EUCALYPTUS AVE	19	101
MJB CHROME PLATING & GEPAID: CAD981642911	236 S RIVERSIDE AVE	20	103
AUTOMATED CHIROPRACTI GEPAID: CAL000128326	229 SOUTH RIVERSIDE	20	109
ECONO LUBE & TUNE GEPAID: CAL000034629	595 RIVERSIDE AVE	20	109
ECONO LUBE & TUNE GEPAID: CAL000174077	595 S RIVERSIDE AVE	20	111
RICHARD BURNETT PHOT GEPAID: CAL000043461	140 W RIALTO AVE	20	114
INTOWN PROPERTIES IN GEPAID: CAC002102904	140 S ORANGE AVE	20	116
HUD GEPAID: CAC001301608	120 ORANGE AVE	20	116
CRLLC 76 #5249 GEPAID: CAL000330892	105 S PEPPER AVE	22	127
BP WEST COAST PRODUC GEPAID: CAL000225534	2898 W RIALTO AVE	22	143
P.J.N. CONSULTANTS I GEPAID: CAL000259547	2898 W RIA ALTO AVE	22	145
A & T INVESTMENTS AN GEPAID: CAL000377049	2898 W RIALTO AVE	22	145
ARCO CORP GEPAID: CAL000183557	2898 WEST RIALTO AVE	22	146
INTOWN PROPERTIES IN GEPAID: CAC002104248	124 S TAMARISK AVE	23	146
UNION PACIFIC RAILRO GEPAID: CAC002639849	2423 W RIALTO AVE	25	148
WILLIAM WILLIAMSON	785 W RIALTO AVE	27	151

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GEPAID: CAC002556231			
PACIFIC RAILROAD SAL	785 W RIALTO AVE STE	27	151
GEPAID: CAL000251422			
ERNIES MACHINE SHOP	755 W RIALTO AVE STE	27	153
GEPAID: CAL000311069			
CESAR CARBURATOR	775 W RIALTO AVE STE	27	154
GEPAID: CAL000348122			
J&J RADIATOR & MUFFL	735 W RIALTO AVE STE	27	155
GEPAID: CAL000280410			
EXPRESS AUTO BODY RE	735 W RIALTO AVE STE	27	155
GEPAID: CAL000311369			
SOUTHWEST MATERIALS	735 W RIALTO AVE UNI	27	157
GEPAID: CAR000071951			
GUAD AUTO REPAIR	725 W RIALTO AVE STE	27	161
GEPAID: CAL000262562			
MCNEARNEY FAMILY MOR	130 S WILLOW AVE	28	165
GEPAID: CAC002575580			
CITY OF RIALTO PUBLI	335 W RIALTO AVE	28	167
GEPAID: CAC002646182			
VEOLIA WATER NA	325 W RIALTO AVE	28	167
GEPAID: CAC002772999			
VEOLIA WATER	325 W RIALTO AVE	28	168
GEPAID: CAC002742954			
SAN MAR CONSTRUCTION	805 W RIALTO AVE	29	169
GEPAID: CAL000317805			
ALCORN FENCE COMPANY	805 W RIALTO AVE	29	170
GEPAID: CAP000096537			
ALCORN FENCE CO	805 W RIALTO AVE	29	172
GEPAID: CAC002367743			
HUD	143 MACY ST	30	173
GEPAID: CAC001305728			
MELCHOR BRICEOCENO	139 ACACIA AVE	31	173
GEPAID: CLU960003856			
HUD INTOWN PROPRTIE	138 ENCINA AVE S	31	174
GEPAID: CAC002130488			
IVAN & CLEATUS HAYS	138 S JOYCE AVE	32	175
GEPAID: CAC002732823			
D AND M AUTOMOTIVE	220 S DATE ST	33	175
GEPAID: CAL000070776			
NAPA AUTO CARE-FLORE	220 S DATE AVE	33	177
GEPAID: CAL000343460			
JERRY DEAN WILLIAMS	205 S DATE ST	33	178
GEPAID: CLU970014663			
CITY OF RIALTO/REDEV	290 S PALM AVE	35	181
GEPAID: CAC001302736			
J & K AUTO BODY	241 S PALM	35	193

EXECUTIVE SUMMARY

GEPAID: CAD982031569			
ALEX ENGINES INC DBA GEPAID: CAL000219329	280 S PALM AVE	35	209
RIALTO UNIFIED SCHOO GEPAID: CAC000920144	260 SO. WILLOW STREE	36	215
RIALTO UNIFIED SCH D GEPAID: CA0000881201	260 S WILLOW	36	216
1X YOUNG'S MARKET GEPAID: CAC000867840	260 SOUTH WILLOW AVE	36	219
CITY OF RIALTO FLEET GEPAID: CAL000353231	247 S WILLOW AVE	36	220
CITY OF RIALTO GEPAID: CAL000021026	246 S WILLOW AVE	36	221
CITY OF RIALTO GEPAID: CAC000874144	246 SOUTH WILLOW AVE	36	226
KT PRODUCTS GEPAID: CAL000213899	201 S CACTUS AVE	38	227
KAYTEE PRODUCTS GEPAID: CAL000306384	201 S CACTUS AVE	38	229
CRUMP, ROBERT GEPAID: CAC002743024	230 S SUTTER ST	39	230
TREETOP INC GEPAID: CAC001202472	206 S LILAC	40	231
CALIFORNIA FOODS COR GEPAID: CAL000008166	206 S LILAC	40	233
TREE TOP GEPAID: CAC002709053	206 S. LILAC AVE	40	234
TREETOP INC GEPAID: CAL000147416	206 SO LILAC	40	234
TREE TOP, INC GEPAID: CAR000072207	206 S LILAC	40	236
TREE TOP INC GEPAID: CAL000143962	206 LILAC AVENUE	40	239
FOREST RIVER GEPAID: CAL000140758	255 S PEPPER AVE	42	242
CHRISTINA SANCHEZ GEPAID: CAC002788112	658 E BONNIE VIEW DR	43	244
AMBER STEEL GEPAID: CAC002105456	312 S WILLOW AVE	45	246
AMBER STEEL GEPAID: CAL000213956	312 S WILLOW AVE	45	246
HECTOR AND GLORIA KO GEPAID: CAC002784477	461 EAST BONNIE VIEW	47	248
TOWER MEDICAL CLINIC GEPAID: CAL000106468	348 SOUTH RIVERSIDE	48	249
VALUE CLEANERS	314 S RIVERSIDE AVE	48	254

EXECUTIVE SUMMARY

GEPAID: CAD983603648			
FLEETWOOD TRAVEL TRA	255 S PEPPER AVE	50	259
GEPAID: CAD981384209			
HUD	578 WILSON ST	51	262
GEPAID: CAC001304024			
INTOWN PROPERTIES IN	648 E WILSON ST	52	263
GEPAID: CAC002100928			
PACIFIC EQUIPMENT LO	360 S LILAC AVE	54	263
GEPAID: CAL000302073			
BANTA HEALTHCARE, LT	360 S LILAC ST	54	264
GEPAID: CAL000176384			
PACIFIC HIGH REACH	360 S LILAC AVE	54	265
GEPAID: CAC002599096			
MET PARTNERSHIP, LLC	200 E WILSON ST	55	266
GEPAID: CAC002751458			
PARQUE LA QUINTA MHP	350 S WILLOW AVE	59	271
GEPAID: CAC002673384			
STAPLES THE OFFICE S	450 S CACTUS AVE	60	273
GEPAID: CAR000241059			
STAPLES DISTRIBUTION	450 S CACTUS	60	275
GEPAID: CAL000240512			
STRETCH FORMING CORP	375 S CACTUS AVE	60	275
GEPAID: CAL000349711			
TECHNIFORM	375 S CACTUS AVE	60	277
GEPAID: CAR000083618			
RIALTO USD/KELLEY EL	380 S MERIDIAN AVE	61	281
GEPAID: CAC002584401			
KELLEY ELEMENTARY	380 S MERIDIAN AVE	61	282
GEPAID: CAC002641583			
RUSD-KELLEY ELEMENTA	380 S MERIDIAN	61	282
GEPAID: CAL000139299			
CANYON CREEK TRUCK C	415 S LILAC AVE	63	284
GEPAID: CAC002642223			
HOUSING URBAN & DEVE	442 MARCELLA AVE	64	285
GEPAID: CAC000742248			
LAZER TRUCK LINES IN	446 SOUTH YUCCA	65	285
GEPAID: CAL000157488			

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information 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

EXECUTIVE SUMMARY

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 08/01/2016 has revealed that there are 2 ENVIROSTOR sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
D & M DRUM CO Facility Id: 36500010 Status: Certified O&M - Land Use Restrictions Only	137 LILAC AVENUE	18	69
SALES UNLIMITED INC Facility Id: 60000814 Status: No Action Required	491 W RIALTO AVE	18	93

EDR PROPRIETARY RECORDS

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 42 EDR Hist Auto sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
SMITH D C GAS STA Database: EDR Hist Auto, Date of Government Version: 02/20/2007	1945 5TH ST	1	12
JACOBSEN C V GAS Database: EDR Hist Auto, Date of Government Version: 02/20/2007	1946 5TH ST	1	13
CARNAHAN J A Database: EDR Hist Auto, Date of Government Version: 02/20/2007	1940 5TH ST	1	13
Not reported	2207 BROADWAY AVE	5	22
TERRY GLENN AUTO Database: EDR Hist Auto, Date of Government Version: 02/20/2007	101 S RIVERSIDE AVE	14	37
Not reported	661 W RIALTO AVE	16	44
Not reported	685 W RIALTO AVE	16	57
Not reported	646 W RIALTO AVE	16	57
Not reported	566 W RIALTO AVE	16	59
Not reported	630 W RIALTO AVE	16	60
Not reported	640 W RIALTO AVE	16	63
Not reported	160 S LILAC AVE	18	63
Not reported	137 S LILAC AVE	18	84
Not reported	421 W RIALTO AVE	18	92
Not reported	239 S ORANGE AVE	20	103
Not reported	225 S ORANGE AVE	20	106
WILSON J J AUTO Database: EDR Hist Auto, Date of Government Version: 02/20/2007	208 S RIVERSIDE AVE	20	108

EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
HARTER E E GAS Database: EDR Hist Auto, Date of Government Version: 02/20/2007	200 S RIVERSIDE AVE	20	108
Not reported	135 W RIALTO AVE	20	108
Not reported	595 S RIVERSIDE AVE	20	112
BIGGERSTAFF E S Database: EDR Hist Auto, Date of Government Version: 02/20/2007	110 RIALTO AVE E	20	113
HARTER E E GA Database: EDR Hist Auto, Date of Government Version: 02/20/2007	200 RIVERSIDE AVE S	20	114
BUTLER C B GAS STA Database: EDR Hist Auto, Date of Government Version: 02/20/2007	110 E RIALTO AVE	20	114
Not reported	2898 W RIALTO AVE	22	137
Not reported	2852 W RIALTO AVE	22	142
Not reported	750 E RIALTO AVE	23	148
Not reported	630 E RIALTO AVE	24	148
Not reported	785 W RIALTO AVE	27	151
Not reported	755 W RIALTO AVE	27	152
Not reported	775 W RIALTO AVE	27	154
Not reported	735 W RIALTO AVE	27	159
Not reported	725 W RIALTO AVE	27	160
Not reported	261 W RIALTO AVE	28	161
Not reported	146 S WILLOW AVE	28	163
Not reported	220 S DATE AVE	33	177
Not reported	289 S PALM AVE	35	183
Not reported	241 S PALM AVE	35	200
Not reported	284 S PALM AVE	35	208
Not reported	280 S PALM AVE	35	208
Not reported	495 S BURNEY ST	56	266
BELL J S GAS STA Database: EDR Hist Auto, Date of Government Version: 02/20/2007	497 E SOUTH	58	271
Not reported	430 S RIVERSIDE AVE	62	283

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 13 EDR Hist Cleaner sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
Not reported	113 S RIVERSIDE AVE	14	32
LAWSON J H DO CLNR Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007	112 S RIVERSIDE AVE	14	36
LAWSON J H DO Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007	112 RIVERSIDE AVE S	14	37
Not reported	2822 W RIALTO AVE	22	141

EXECUTIVE SUMMARY

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
Not reported	2838 W RIALTO AVE	22	142
Not reported	2848 W RIALTO AVE	22	142
Not reported	735 W RIALTO AVE	27	159
Not reported	144 S JOYCE AVE	32	174
Not reported	316 S RIVERSIDE AVE	48	252
Not reported	314 S RIVERSIDE AVE	48	253
LARSEN DYE	407 E SOUTH	57	266
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
MASTER CLEAIVERS	406 E SOUTH	57	267
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			
LARSEN DYE WORKS	501 E SOUTH	58	271
Database: EDR Hist Cleaner, Date of Government Version: 02/20/2007			

RGA LUST: 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.

A review of the RGA LUST list, as provided by EDR, has revealed that there are 15 RGA LUST sites within the searched area.

<u>Site</u>	<u>Address</u>	<u>Map ID</u>	<u>Page</u>
THRIFTY OIL # / ARCO	775 FOOTHILL BLVD	1	5
FOURTH ST ROCK CRUSH	1945 W. 4TH STREET	1	5
THRIFTY OIL #77 / AR	280 FOOTHILL BLVD	1	12
WHITING BROS	2402 WEST BROADWAY A	4	22
CHEVRON STA #9-8066	2205 WEST BROADWAY A	5	23
RIALTO UNIFIED SCHOO	625 W RIALTO AVE	16	55
NAT'L CONVENIENCE ST	105 S PEPPER ST	22	125
CIRCLE K # 5249	105 S PEPPER AVE	22	125
NAT'L CONVENIENCE ST	105 SOUTH PEPPER STR	22	127
ARCO # 6365	2898 W RIALTO AVENUE	22	145
RIALTO, CITY OF/ MET	290 S PALM AVE	35	181
YOUNG'S MARKET	260 S WILLOW AVE	36	217
STOP N SAVE # 5	3702 ATCHISON	37	226
CHINO BASIN WATER DI	2662 WALNUT AVE	46	248
CHINO BASIN WATER DI	2662 WALNUT AVENUE	46	248

EXECUTIVE SUMMARY

Please refer to the end of the findings report for unmapped orphan sites due to poor or inadequate address information.

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
<u>FEDERAL RECORDS</u>	
NPL	0
Proposed NPL	0
Delisted NPL	0
SEMS	2
SEMS-ARCHIVE	1
LIENS 2	0
CORRACTS	0
RCRA-TSDF	0
RCRA-LQG	1
RCRA-SQG	17
US ENG CONTROLS	0
US INST CONTROL	0
ERNS	4
US BROWNFIELDS	10
CONSENT	0
ROD	0
TRIS	0
ECHO	0
FUELS PROGRAM	0
DOCKET HWC	0
UXO	0
FUSRAP	0
SCRD DRYCLEANERS	0
IHS OPEN DUMPS	0
ABANDONED MINES	0
FEMA UST	0
<u>STATE AND LOCAL RECORDS</u>	
HIST Cal-Sites	1
CA BOND EXP. PLAN	0
Toxic Pits	0
SWF/LF	0
Cortese	0
HIST CORTESE	10
SWRCY	0
LUST	16
CA FID UST	17
SLIC	0
UST	5
HIST UST	12
LIENS	1
SWEEPS UST	17
CHMIRS	16
AST	4
Notify 65	0
DEED	1
VCP	0

MAP FINDINGS SUMMARY

<u>Database</u>	<u>Total Plotted</u>
DRYCLEANERS	2
RESPONSE	1
HAZNET	118
ENVIROSTOR	2
WMUDS/SWAT	0
PEST LIC	0
BROWNFIELDS	0
MINES	0
ICE	0
WASTEWATER PITS	0
<u>TRIBAL RECORDS</u>	
INDIAN RESERV	0
INDIAN LUST	0
INDIAN UST	0
<u>EDR PROPRIETARY RECORDS</u>	
EDR Hist Auto	42
EDR Hist Cleaner	13
RGA LUST	15
RGA LF	0

NOTES:

Sites may be listed in more than one database

MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		
Distance (ft.)	Site	Database(s) EPA ID Number

1	APPLE AUTO DISMANTLING DBA NUMBER ONE AUTO DISMANTLING 1941 W 4TH ST SAN BERNARDINO, CA 92411	HAZNET	S113143743 N/A
----------	--------------------------------------------------------------------------------------------------------------	---------------	---------------------------

HAZNET:

envid: S113143743
 Year: 2013
 GEPAID: CAL000309657
 Contact: VICTOR OCHOA
 Telephone: 9098880992
 Mailing Name: Not reported
 Mailing Address: 2701 E ANAHEIM ST
 Mailing City,St,Zip: WILMINGTON, CA 907444070
 Gen County: San Bernardino
 TSD EPA ID: CAT080013352
 TSD County: Los Angeles
 Waste Category: Not reported
 Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
 Tons: 0.22935
 Cat Decode: Not reported
 Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
 Facility County: Not reported

envid: S113143743
 Year: 2013
 GEPAID: CAL000309657
 Contact: VICTOR OCHOA
 Telephone: 9098880992
 Mailing Name: Not reported
 Mailing Address: 2701 E ANAHEIM ST
 Mailing City,St,Zip: WILMINGTON, CA 907444070
 Gen County: San Bernardino
 TSD EPA ID: CAD097030993
 TSD County: Los Angeles
 Waste Category: Not reported
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Tons: 0.4
 Cat Decode: Not reported
 Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Facility County: Not reported

envid: S113143743
 Year: 2013
 GEPAID: CAL000309657
 Contact: VICTOR OCHOA
 Telephone: 9098880992
 Mailing Name: Not reported
 Mailing Address: 2701 E ANAHEIM ST
 Mailing City,St,Zip: WILMINGTON, CA 907444070
 Gen County: San Bernardino
 TSD EPA ID: CAD099452708
 TSD County: Los Angeles
 Waste Category: Not reported
 Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

APPLE AUTO DISMANTLING DBA NUMBER ONE AUTO DISMANTLING (Continued)

S113143743

Tons:	0.168
Cat Decode:	Not reported
Method Decode:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County:	Not reported
envid:	S113143743
Year:	2012
GEPAID:	CAL000309657
Contact:	VICTOR OCHOA
Telephone:	9098880992
Mailing Name:	Not reported
Mailing Address:	2701 E ANAHEIM ST
Mailing City,St,Zip:	WILMINGTON, CA 907444070
Gen County:	San Bernardino
TSD EPA ID:	CAD099452708
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.231
Cat Decode:	Not reported
Method Decode:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County:	San Bernardino
envid:	S113143743
Year:	2012
GEPAID:	CAL000309657
Contact:	VICTOR OCHOA
Telephone:	9098880992
Mailing Name:	Not reported
Mailing Address:	2701 E ANAHEIM ST
Mailing City,St,Zip:	WILMINGTON, CA 907444070
Gen County:	San Bernardino
TSD EPA ID:	CAT080013352
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.6255
Cat Decode:	Not reported
Method Decode:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County:	San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site
Database(s)
EDR ID Number
EPA ID Number

1
THRIFTY OIL # / ARCO # 9691
775 FOOTHILL BLVD
SAN BERNARDINO, CA
RGA LUST
S114702923
N/A

RGA LUST:
2004 THRIFTY OIL # / ARCO # 9691 775 FOOTHILL BLVD

1
FOURTH ST ROCK CRUSHER
1945 W. 4TH STREET
SAN BERNARDINO, CA
RGA LUST
S114623818
N/A

RGA LUST:
2012 FOURTH ST ROCK CRUSHER 1945 W. 4TH STREET
2011 FOURTH ST ROCK CRUSHER 1945 W. 4TH STREET
2010 FOURTH ST ROCK CRUSHER 1945 W. 4TH STREET
2009 FOURTH ST ROCK CRUSHER 1945 W. 4TH STREET
2008 FOURTH ST ROCK CRUSHER 1945 W. 4TH STREET
2007 FOURTH ST ROCK CRUSHER 1945 W. 4TH STREET
2006 FOURTH ST ROCK CRUSHER 1945 W. 4TH STREET
2005 FOURTH ST ROCK CRUSHER 1945 W. 4TH STREET
2004 FOURTH ST ROCK CRUSHER 1945 W. 4TH STREET
2003 FOURTH ST ROCK CRUSHER 1945 W. 4TH STREET

1
FOURTH STREET ROCK CRUSHER
1945 W FOURTH STREET
SAN BERNARDINO, CA 92402
HIST UST
HAZNET
S112836852
N/A

HIST UST:
File Number: 00029EC6
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029EC6.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

HAZNET:
envid: S112836852
Year: 1998

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FOURTH STREET ROCK CRUSHER (Continued)

S112836852

GEPAID: CAC000034462
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1945 W FOURTH ST
Mailing City,St,Zip: SAN BERNARDINO, CA 924120000
Gen County: Not reported
TSD EPA ID: CAD099452708
TSD County: Not reported
Waste Category: Oil/water separation sludge
Disposal Method: Recycler
Tons: .4170
Cat Decode: Oil/water separation sludge
Method Decode: Recycler
Facility County: San Bernardino

1

**FOURTH STREET ROCK CRUSHER
1945 W 4TH ST
SAN BERNARDINO, CA 92402**

**CA FID UST S101619469
SWEEPS UST N/A**

CA FID UST:

Facility ID: 36000547
Regulated By: UTNKA
Regulated ID: 00011418
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN BERNARDINO 92402
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:

Status: Active
Comp Number: 11418
Number: 9
Board Of Equalization: 44-020343
Referral Date: 03-24-92
Action Date: 03-24-92
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 36-000-011418-000001
Tank Status: A
Capacity: 12000
Active Date: 09-01-88
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

1 **FOURTH ST ROCK CRUSHER**
1945 W 4TH ST
SAN BERNARDINO, CA 92402

LUST **U001575926**
N/A

LUST:

Region: STATE
Global Id: T0607170228
Latitude: 34.1064495
Longitude: -117.3298223
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 10/29/2002
Lead Agency: SAN BERNARDINO COUNTY
Case Worker: CR2
Local Agency: SAN BERNARDINO COUNTY
RB Case Number: 083603901T
LOC Case Number: 2002013
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0607170228
Contact Type: Local Agency Caseworker
Contact Name: CATHERINE RICHARDS
Organization Name: SAN BERNARDINO COUNTY
Address: 620 SOUTH E STREET
City: SAN BERNARDINO
Email: crichards@sbcfire.org
Phone Number: 9093868419

Global Id: T0607170228
Contact Type: Regional Board Caseworker
Contact Name: CARL BERNHARDT
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: cbernhardt@waterboards.ca.gov
Phone Number: 9517824495

Status History:

Global Id: T0607170228
Status: Completed - Case Closed
Status Date: 10/29/2002

Global Id: T0607170228
Status: Open - Case Begin Date
Status Date: 04/02/2002

Global Id: T0607170228
Status: Open - Remediation
Status Date: 04/16/2002

Global Id: T0607170228
Status: Open - Site Assessment
Status Date: 04/02/2002

Map ID
Direction
Distance
Distance (ft.)Site

MAP FINDINGS

EDR ID Number

Database(s) EPA ID Number

FOURTH ST ROCK CRUSHER (Continued)

U001575926

Global Id: T0607170228
Status: Open - Site Assessment
Status Date: 04/16/2002

Regulatory Activities:

Global Id: T0607170228
Action Type: REMEDIATION
Date: 04/16/2002
Action: Excavation

Global Id: T0607170228
Action Type: ENFORCEMENT
Date: 10/29/2002
Action: Closure/No Further Action Letter

Global Id: T0607170228
Action Type: ENFORCEMENT
Date: 04/17/2002
Action: Notice of Responsibility

Global Id: T0607170228
Action Type: ENFORCEMENT
Date: 08/27/2002
Action: Technical Correspondence / Assistance / Other

Global Id: T0607170228
Action Type: Other
Date: 04/02/2002
Action: Leak Discovery

Global Id: T0607170228
Action Type: Other
Date: 04/10/2002
Action: Leak Reported

1

**FOURTH ST ROCK CRUSHER
1945 W 4TH ST
SAN BERNARDINO, CA 92412**

**RCRA-SQG 1000370123
LUST CAD981992647
UST
HAZNET**

RCRA-SQG:

Date form received by agency: 02/23/1987
Facility name: FOURTH ST ROCK CRUSHER
Facility address: 1945 W 4TH ST
SAN BERNARDINO, CA 92412
EPA ID: CAD981992647
Mailing address: W 4TH ST
SAN BERNARDINO, CA 92412
Contact: ENVIRONMENTAL MANAGER
Contact address: 1945 W 4TH ST
SAN BERNARDINO, CA 92412
Contact country: US
Contact telephone: (714) 885-6866
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FOURTH ST ROCK CRUSHER (Continued)

1000370123

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: H NORMAN JOHNSON JR
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Violation Status: No violations found

LUST REG 8:

Region: 8
County: San Bernardino
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083603901T
Local Case Num: 2002013
Case Type: Soil only
Substance: Diesel
Qty Leaked: Not reported
Abate Method: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FOURTH ST ROCK CRUSHER (Continued)

1000370123

Cross Street:	RANCHO AVE.
Enf Type:	TA-CLO
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	Piping
Global ID:	T0607170228
How Stopped Date:	Not reported
Enter Date:	Not reported
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	4/2/2002
Enforcement Date:	Not reported
Close Date:	10/29/2002
Date Prelim Assessment Workplan Submitted:	4/2/2002
Date Pollution Characterization Began:	4/16/2002
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	4/16/2002
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	Not reported
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.106463
Longitude:	-117.329828
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	CAB
Staff Initials:	CR2
Lead Agency:	Local Agency
Local Agency:	36000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	MUN
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

UST:

Facility ID:	86009136
Permitting Agency:	SAN BERNARDINO COUNTY
Latitude:	34.11207
Longitude:	-117.32555

HAZNET:

envid:	1000370123
Year:	2003

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FOURTH ST ROCK CRUSHER (Continued)

1000370123

GEPaid: CAD981992647
Contact: PAM HEBERLE/CONTROLLER
Telephone: 9098856866
Mailing Name: Not reported
Mailing Address: PO BOX 6490
Mailing City,St,Zip: SAN BERNARDINO, CA 924120000
Gen County: Not reported
TSD EPA ID: CAT080025711
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Transfer Station
Tons: 1.25
Cat Decode: Waste oil and mixed oil
Method Decode: Transfer Station
Facility County: San Bernardino

envid: 1000370123
Year: 2002
GEPaid: CAD981992647
Contact: PAM HEBERLE/CONTROLLER
Telephone: 9098856866
Mailing Name: Not reported
Mailing Address: PO BOX 6490
Mailing City,St,Zip: SAN BERNARDINO, CA 924120000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 0.41
Cat Decode: Waste oil and mixed oil
Method Decode: Recycler
Facility County: San Bernardino

envid: 1000370123
Year: 2002
GEPaid: CAD981992647
Contact: PAM HEBERLE/CONTROLLER
Telephone: 9098856866
Mailing Name: Not reported
Mailing Address: PO BOX 6490
Mailing City,St,Zip: SAN BERNARDINO, CA 924120000
Gen County: Not reported
TSD EPA ID: CAT080025711
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Transfer Station
Tons: 10.42
Cat Decode: Waste oil and mixed oil
Method Decode: Transfer Station
Facility County: San Bernardino

envid: 1000370123
Year: 1999
GEPaid: CAD981992647
Contact: H NORMAN JOHNSON JR
Telephone: 9098856866

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FOURTH ST ROCK CRUSHER (Continued)

1000370123

Mailing Name: Not reported
Mailing Address: PO BOX 6490
Mailing City,St,Zip: SAN BERNARDINO, CA 924120000
Gen County: Not reported
TSD EPA ID: CAD000088252
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Transfer Station
Tons: .2293
Cat Decode: Unspecified solvent mixture
Method Decode: Transfer Station
Facility County: San Bernardino

envid: 1000370123
Year: 1999
GEPAID: CAD981992647
Contact: H NORMAN JOHNSON JR
Telephone: 9098856866
Mailing Name: Not reported
Mailing Address: PO BOX 6490
Mailing City,St,Zip: SAN BERNARDINO, CA 924120000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 2.4000
Cat Decode: Other organic solids
Method Decode: Transfer Station
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
11 additional CA_HAZNET: record(s) in the EDR Site Report.

1
THRIFTY OIL #77 / ARCO #955
280 FOOTHILL BLVD
SAN BERNARDINO, CA

RGA LUST S114703256
N/A

RGA LUST:
2004 THRIFTY OIL #77 / ARCO #955 280 FOOTHILL BLVD

1
SMITH D C GAS STA
1945 5TH ST
SAN BERNARDINO, CA

EDR Hist Auto 1014172513
N/A

EDR Historical Auto Stations:

Name: RICHFIELD OIL CO
Year: 1936
Type: GASOLINE AND OIL SERVICE STATIONS

Name: SMITH D C GAS STA
Year: 1942
Type: GASOLINE AND OIL SERVICE STATIONS

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

SMITH D C GAS STA (Continued)

1014172513

Name: MITCHELL E
 Year: 1949
 Type: GASOLINE STATIONS

1	JACOBSEN C V GAS	EDR Hist Auto	1014162330
	1946 5TH ST		N/A
	SAN BERNARDINO, CA		

EDR Historical Auto Stations:

Name: LEO SAML GAS STA
 Year: 1936
 Type: GASOLINE AND OIL SERVICE STATIONS

Name: JACOBSEN C V GAS
 Year: 1942
 Type: GASOLINE AND OIL SERVICE STATIONS

1	CARNAHAN J A	EDR Hist Auto	1014165886
	1940 5TH ST		N/A
	SAN BERNARDINO, CA		

EDR Historical Auto Stations:

Name: CARNAHAN J A
 Year: 1949
 Type: GASOLINE STATIONS

2	J B HUNT TRANSPORT INC	HAZNET	S113060654
	1895 W 4TH ST		N/A
	SAN BERNARDINO, CA 92410		

HAZNET:

envid: S113060654
 Year: 2001
 GEPAID: CAL000104493
 Contact: JON WATSON
 Telephone: 9093848855
 Mailing Name: Not reported
 Mailing Address: 5650 SOUTHERN AVE
 Mailing City,St,Zip: SOUTH GATE, CA 902800000
 Gen County: Not reported
 TSD EPA ID: CAT080033681
 TSD County: Not reported
 Waste Category: Unspecified oil-containing waste
 Disposal Method: Recycler
 Tons: 0.45
 Cat Decode: Unspecified oil-containing waste
 Method Decode: Recycler
 Facility County: San Bernardino

envid: S113060654
 Year: 2001
 GEPAID: CAL000104493
 Contact: JON WATSON
 Telephone: 9093848855
 Mailing Name: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

J B HUNT TRANSPORT INC (Continued)

S113060654

Mailing Address: 5650 SOUTHERN AVE
Mailing City,St,Zip: SOUTH GATE, CA 902800000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Transfer Station
Tons: 0.25
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113060654
Year: 2001
GEPAID: CAL000104493
Contact: JON WATSON
Telephone: 9093848855
Mailing Name: Not reported
Mailing Address: 5650 SOUTHERN AVE
Mailing City,St,Zip: SOUTH GATE, CA 902800000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Oil/water separation sludge
Disposal Method: Disposal, Land Fill
Tons: 0.45
Cat Decode: Oil/water separation sludge
Method Decode: Disposal, Land Fill
Facility County: San Bernardino

envid: S113060654
Year: 2000
GEPAID: CAL000104493
Contact: JON WATSON
Telephone: 9093848855
Mailing Name: Not reported
Mailing Address: 5650 SOUTHERN AVE
Mailing City,St,Zip: SOUTH GATE, CA 902800000
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Recycler
Tons: 0.17
Cat Decode: Other organic solids
Method Decode: Recycler
Facility County: San Bernardino

envid: S113060654
Year: 2000
GEPAID: CAL000104493
Contact: JON WATSON
Telephone: 9093848855
Mailing Name: Not reported
Mailing Address: 5650 SOUTHERN AVE
Mailing City,St,Zip: SOUTH GATE, CA 902800000
Gen County: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

J B HUNT TRANSPORT INC (Continued)

S113060654

TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.45
Cat Decode: Unspecified oil-containing waste
Method Decode: Recycler
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
6 additional CA_HAZNET: record(s) in the EDR Site Report.

2

**JB HUNT
1895 W 4TH ST
SAN BERNARDINO, CA 92411**

**HAZNET S113174933
N/A**

HAZNET:

envid: S113174933
Year: 2002
GEPAID: CAR000072231
Contact: JON WATSON
Telephone: 9093848855
Mailing Name: Not reported
Mailing Address: 5650 SOUTHERN AVE
Mailing City,St,Zip: SOUTH GATE, CA 90280
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Oil/water separation sludge
Disposal Method: Recycler
Tons: 7.75
Cat Decode: Oil/water separation sludge
Method Decode: Recycler
Facility County: San Bernardino

envid: S113174933
Year: 2002
GEPAID: CAR000072231
Contact: JON WATSON
Telephone: 9093848855
Mailing Name: Not reported
Mailing Address: 5650 SOUTHERN AVE
Mailing City,St,Zip: SOUTH GATE, CA 90280
Gen County: Not reported
TSD EPA ID: CAD050806850
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 3.11
Cat Decode: Other organic solids
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113174933
Year: 2002
GEPAID: CAR000072231
Contact: JON WATSON
Telephone: 9093848855

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

JB HUNT (Continued)

S113174933

Mailing Name: Not reported
Mailing Address: 5650 SOUTHERN AVE
Mailing City,St,Zip: SOUTH GATE, CA 90280
Gen County: Not reported
TSD EPA ID: CAD050806850
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Treatment, Incineration
Tons: 0.12
Cat Decode: Other organic solids
Method Decode: Treatment, Incineration
Facility County: San Bernardino

envid: S113174933
Year: 2001
GEPAID: CAR000072231
Contact: JON WATSON
Telephone: 9093848855
Mailing Name: Not reported
Mailing Address: 5650 SOUTHERN AVE
Mailing City,St,Zip: SOUTH GATE, CA 90280
Gen County: Not reported
TSD EPA ID: CAD050806850
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 1.02
Cat Decode: Other organic solids
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113174933
Year: 2001
GEPAID: CAR000072231
Contact: JON WATSON
Telephone: 9093848855
Mailing Name: Not reported
Mailing Address: 5650 SOUTHERN AVE
Mailing City,St,Zip: SOUTH GATE, CA 90280
Gen County: Not reported
TSD EPA ID: CAT000613927
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: 1
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Transfer Station
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

2	J B HUNT 1895 W FOURTH ST SAN BERNARDINO, CA 92411	RCRA-SQG ECHO	1001967705 CAR000072231
---	-------------------------------------------------------------------------------	--------------------------------	------------------------------------------

RCRA-SQG:

Date form received by agency: 05/01/2000
Facility name: J B HUNT
Facility address: 1895 W FOURTH ST
SAN BERNARDINO, CA 92411
EPA ID: CAR000072231
Contact: DONALD HOWARD
Contact address: 1895 W FOURTH ST
SAN BERNARDINO, CA 92411
Contact country: US
Contact telephone: (909) 384-8855
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: J B HUNT
Owner/operator address: 1895 W FOURTH ST
SAN BERNARDINO, CA 92411
Owner/operator country: Not reported
Owner/operator telephone: (909) 384-8855
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: D000
. Waste name: Not Defined
. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		
Distance (ft.)Site	Database(s)	EPA ID Number

J B HUNT (Continued)
1001967705

Violation Status:	No violations found
ECHO:	
Envid:	1001967705
Registry ID:	110002936422
DFR URL:	http://echo.epa.gov/detailed_facility_report?fid=110002936422

3
**WYATTS PAINT & BODY SHOP INC
350 N RANCHO AVE
SAN BERNARDINO, CA 92410**
**HAZNET S113159295
N/A**

HAZNET:

envid:	S113159295
Year:	2014
GEPAID:	CAL000355162
Contact:	KRIS WYATT
Telephone:	9098855051
Mailing Name:	Not reported
Mailing Address:	350 N RANCHO AVE
Mailing City,St,Zip:	SAN BERNARDINO, CA 924101508
Gen County:	San Bernardino
TSD EPA ID:	MXC130619001
TSD County:	Not reported
Waste Category:	Unspecified solvent mixture
Disposal Method:	Solvents Recovery
Tons:	0.882
Cat Decode:	Unspecified solvent mixture
Method Decode:	Solvents Recovery
Facility County:	San Bernardino

envid:	S113159295
Year:	2013
GEPAID:	CAL000355162
Contact:	KRIS WYATT
Telephone:	9098855051
Mailing Name:	Not reported
Mailing Address:	350 N RANCHO AVE
Mailing City,St,Zip:	SAN BERNARDINO, CA 924101508
Gen County:	San Bernardino
TSD EPA ID:	MXC130619001
TSD County:	Not reported
Waste Category:	Not reported
Disposal Method:	Solvents Recovery
Tons:	1.26
Cat Decode:	Not reported
Method Decode:	Solvents Recovery
Facility County:	Not reported

envid:	S113159295
Year:	2012
GEPAID:	CAL000355162
Contact:	KRIS WYATT
Telephone:	9098855051
Mailing Name:	Not reported
Mailing Address:	350 N RANCHO AVE
Mailing City,St,Zip:	SAN BERNARDINO, CA 924101508
Gen County:	San Bernardino
TSD EPA ID:	CAD044429835

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WYATTS PAINT & BODY SHOP INC (Continued)

S113159295

TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.93825
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: S113159295
Year: 2012
GEPAID: CAL000355162
Contact: KRIS WYATT
Telephone: 9098855051
Mailing Name: Not reported
Mailing Address: 350 N RANCHO AVE
Mailing City,St,Zip: SAN BERNARDINO, CA 924101508
Gen County: San Bernardino
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.589
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: S113159295
Year: 2011
GEPAID: CAL000355162
Contact: KRIS WYATT
Telephone: 9098855051
Mailing Name: Not reported
Mailing Address: 350 N RANCHO AVE
Mailing City,St,Zip: SAN BERNARDINO, CA 924101508
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.38
Cat Decode: Waste oil and mixed oil
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

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2 additional CA_HAZNET: record(s) in the EDR Site Report.

MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		
Distance (ft.)	Site	Database(s) EPA ID Number

3	WYATT'S PAINT AND BODY	HAZNET	S113086018
	350 N RANCHO AVE		N/A
	SAN BERNARDINO, CA 92410		

HAZNET:

envid: S113086018
 Year: 2010
 GEPAID: CAL000161105
 Contact: DEBBIE WYATT
 Telephone: 9098855051
 Mailing Name: Not reported
 Mailing Address: 350 N RANCHO AVE
 Mailing City,St,Zip: SAN BERNARDINO, CA 924101508
 Gen County: Not reported
 TSD EPA ID: CAD044429835
 TSD County: Not reported
 Waste Category: Paint sludge
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Tons: 0.417
 Cat Decode: Paint sludge
 Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Facility County: San Bernardino

envid: S113086018
 Year: 2010
 GEPAID: CAL000161105
 Contact: DEBBIE WYATT
 Telephone: 9098855051
 Mailing Name: Not reported
 Mailing Address: 350 N RANCHO AVE
 Mailing City,St,Zip: SAN BERNARDINO, CA 924101508
 Gen County: Not reported
 TSD EPA ID: CAD982444481
 TSD County: Not reported
 Waste Category: Waste oil and mixed oil
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Tons: 0.38
 Cat Decode: Waste oil and mixed oil
 Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Facility County: San Bernardino

envid: S113086018
 Year: 2009
 GEPAID: CAL000161105
 Contact: DEBBIE WYATT
 Telephone: 9098855051
 Mailing Name: Not reported
 Mailing Address: 350 N RANCHO AVE
 Mailing City,St,Zip: SAN BERNARDINO, CA 924101508
 Gen County: Not reported
 TSD EPA ID: CAD044429835
 TSD County: Not reported
 Waste Category: Paint sludge
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WYATT'S PAINT AND BODY (Continued)

S113086018

Tons: 1.251
Cat Decode: Paint sludge
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: S113086018
Year: 2009
GEPAID: CAL000161105
Contact: DEBBIE WYATT
Telephone: 9098855051
Mailing Name: Not reported
Mailing Address: 350 N RANCHO AVE
Mailing City,St,Zip: SAN BERNARDINO, CA 924101508
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 0.417
Cat Decode: Unspecified oil-containing waste
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: S113086018
Year: 2008
GEPAID: CAL000161105
Contact: DEBBIE WYATT
Telephone: 9098855051
Mailing Name: Not reported
Mailing Address: 350 N RANCHO AVE
Mailing City,St,Zip: SAN BERNARDINO, CA 924101508
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 0.231
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access 23 additional CA_HAZNET: record(s) in the EDR Site Report.

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)

Site

Database(s)
EDR ID Number
EPA ID Number

4

WHITING BROS
2402 WEST BROADWAY AVE
SAN BERNARDINO, CA

RGALUST

S114721985
N/A

RGALUST:

2004 WHITING BROS 2402 WEST BROADWAY AVE

4

CARMELITA LANUZA
267 N MACY ST
SAN BERNARDINO, CA 92410

HAZNET

S118219527
N/A

HAZNET:

envid:

S118219527

Year:

2014

GEPAID:

CAC002782424

Contact:

CARMELITA LANUZA

Telephone:

9092729073

Mailing Name:

Not reported

Mailing Address:

267 N MACY ST

Mailing City,St,Zip:

SAN BERNARDINO, CA 924101425

Gen County:

San Bernardino

TSD EPA ID:

AZC950823111

TSD County:

99

Waste Category:

Asbestos containing waste

Disposal Method:

Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

Tons:

0.23

Cat Decode:

Asbestos containing waste

Method Decode:

Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

Facility County:

San Bernardino

5

2207 BROADWAY AVE
SAN BERNARDINO, CA 92410

EDR Hist Auto

1015334381
N/A

EDR Historical Auto Stations:

Name:

PREFERRED AUTO REPAIR

Year:

2001

Address:

2207 BROADWAY AVE

Name:

PREFERRED AUTO REPAIR

Year:

2002

Address:

2207 BROADWAY AVE

Name:

PREFERRED AUTO REPAIR

Year:

2003

Address:

2207 BROADWAY AVE

MAP FINDINGS

Map ID Direction Distance Distance (ft.)Site		Database(s)	EDR ID Number EPA ID Number
5	CHEVRON STA #9-8066 2205 WEST BROADWAY AVE SAN BERNARDINO, CA RGA LUST: 2004 CHEVRON STA #9-8066 2205 WEST BROADWAY AVE	RGA LUST	S114599229 N/A
6	JAMES RICE - SFR 2222 W 2ND ST SAN BERNARDINO, CA 92410 HAZNET: envid: S117287293 Year: 2013 GEPAID: CAC002723372 Contact: JAMES RICE Telephone: 9098871865 Mailing Name: Not reported Mailing Address: 2222 W 2ND ST Mailing City,St,Zip: SAN BERNARDINO, CA 924101402 Gen County: San Bernardino TSD EPA ID: AZC950823111 TSD County: 99 Waste Category: Not reported Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization) Tons: 1.2 Cat Decode: Not reported Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization) Facility County: Not reported	HAZNET	S117287293 N/A
6	2258 W. 2ND ST. SAN BERNARDINO, CA 91770 CHMIRS: OES Incident Number: 3-2733 OES notification: 05/28/2003 OES Date: Not reported OES Time: Not reported Date Completed: Not reported Property Use: Not reported Agency Id Number: Not reported Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported Estimated Temperature: Not reported Property Management: Not reported More Than Two Substances Involved?: Not reported Resp Agency Personel # Of Decontaminated: Not reported Responding Agency Personel # Of Injuries: Not reported Responding Agency Personel # Of Fatalities: Not reported Others Number Of Decontaminated: Not reported	CHMIRS	S106397864 N/A

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S106397864

Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2003
Agency:	So Cal Edison
Incident Date:	5/28/200312:00:00 AM
Admin Agency:	San Bernardino County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Road
E Date:	Not reported
Substance:	Mineral Oil
Gallons:	1
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Oil spray on a transformer, unknown what caused the release, testing to determine if it contains PCB's is underway.

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)

Site

Database(s)
EPA ID Number

EDR ID Number
EPA ID Number

7

A & R TRANSPORT INC
194 N RANCHO AVE
SAN BERNARDINO, CA 92410

AST

S108741607
N/A

AST:

Certified Unified Program Agencies: Not reported
Owner: A&R Logisitcs, Inc.
Total Gallons: Not reported
CERSID: 10034101
Facility ID: FA0000033
Business Name: A & R TRANSPORT INC
Phone: (909) 888-6669
Fax: (909) 889-0169
Mailing Address: 194 NORTH RANCHO AVE
Mailing Address City: SAN BERNARDINO
Mailing Address State: CA
Mailing Address Zip Code: 92410
Operator Name: A&R Logisitcs, Inc.
Operator Phone: 800-645-5645 ext 3412
Owner Phone: 800-542-8058
Owner Mail Address: 8440 SOUTH TABLER RD
Owner State: IL
Owner Zip Code: 60450
Owner Country: United States
Property Owner Name: James Bedeker
Property Owner Phone: 800-542-8058
Property Owner Mailing Address: 8440 South Tabler Road
Property Owner City: Morris Ill.
Property Owner Stat : CA
Property Owner Zip Code: 61450
Property Owner Country: United States
EPAID: CA1000301865

7

A&R LOGISTICS SAN BERNADINO
194 NORTH RANCHO AVENUE
SAN BERNARDINO, CA 92410

HAZNET

S113140470
N/A

HAZNET:

envid: S113140470
Year: 2013
GEPAID: CAL000301865
Contact: DAVID CURL
Telephone: 9098886669
Mailing Name: Not reported
Mailing Address: 194 N RANCHO AVE
Mailing City,St,Zip: SAN BERNARDINO, CA 924100000
Gen County: San Bernardino
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.231
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Not reported

envid: S113140470
Year: 2012

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

A&R LOGISTICS SAN BERNADINO (Continued)

S113140470

GEPAID: CAL000301865
 Contact: DAVID CURL
 Telephone: 9098886669
 Mailing Name: Not reported
 Mailing Address: 194 N RANCHO AVE
 Mailing City,St,Zip: SAN BERNARDINO, CA 924100000
 Gen County: San Bernardino
 TSD EPA ID: CAD982444481
 TSD County: San Bernardino
 Waste Category: Not reported
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
 (H010-H129) Or (H131-H135)
 Tons: 0.21
 Cat Decode: Not reported
 Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
 (H010-H129) Or (H131-H135)
 Facility County: San Bernardino

envid: S113140470
 Year: 2011
 GEPAID: CAL000301865
 Contact: DAVID CURL
 Telephone: 9098886669
 Mailing Name: Not reported
 Mailing Address: 194 N RANCHO AVE
 Mailing City,St,Zip: SAN BERNARDINO, CA 924100000
 Gen County: Not reported
 TSD EPA ID: TXD077603371
 TSD County: Not reported
 Waste Category: Other organic solids
 Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
 Tons: 0.06
 Cat Decode: Other organic solids
 Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
 Facility County: San Bernardino

envid: S113140470
 Year: 2011
 GEPAID: CAL000301865
 Contact: DAVID CURL
 Telephone: 9098886669
 Mailing Name: Not reported
 Mailing Address: 194 N RANCHO AVE
 Mailing City,St,Zip: SAN BERNARDINO, CA 924100000
 Gen County: Not reported
 TSD EPA ID: CAD982444481
 TSD County: Not reported
 Waste Category: Aqueous solution with total organic residues less than 10 percent
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
 (H010-H129) Or (H131-H135)
 Tons: 0.441
 Cat Decode: Aqueous solution with total organic residues less than 10 percent
 Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
 (H010-H129) Or (H131-H135)
 Facility County: San Bernardino

envid: S113140470

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

A&R LOGISTICS SAN BERNADINO (Continued)

S113140470

Year: 2010
 GEPAID: CAL000301865
 Contact: DAVID CURL
 Telephone: 9098886669
 Mailing Name: Not reported
 Mailing Address: 194 N RANCHO AVE
 Mailing City,St,Zip: SAN BERNARDINO, CA 924100000
 Gen County: Not reported
 TSD EPA ID: CAD982444481
 TSD County: Not reported
 Waste Category: Aqueous solution with total organic residues less than 10 percent
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Tons: 0.63
 Cat Decode: Aqueous solution with total organic residues less than 10 percent
 Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
 3 additional CA_HAZNET: record(s) in the EDR Site Report.

7

**A R TRANS INC
 194 N RANCHO AVE
 SAN BERNARDINO, CA 92410**

**HAZNET S112903385
 N/A**

HAZNET:
 envid: S112903385
 Year: 1999
 GEPAID: CAC002202569
 Contact: A&R TRANSPORT
 Telephone: 0000000000
 Mailing Name: Not reported
 Mailing Address: 194 N RANCHO AVE
 Mailing City,St,Zip: SAN BERNARDINO, CA 924050000
 Gen County: Not reported
 TSD EPA ID: CAD008302903
 TSD County: Not reported
 Waste Category: Unspecified solvent mixture
 Disposal Method: Recycler
 Tons: .7506
 Cat Decode: Unspecified solvent mixture
 Method Decode: Recycler
 Facility County: San Bernardino

8

**VETERANS ADMINISTRATION
 2273 W KING ST
 SAN BERNARDINO, CA 92410**

**HAZNET S112909721
 N/A**

HAZNET:
 envid: S112909721
 Year: 2000
 GEPAID: CAC002287961
 Contact: TIM MUNRO - OFC MGR
 Telephone: 9094530666
 Mailing Name: Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

VETERANS ADMINISTRATION (Continued)
S112909721

Mailing Address: 2273 W KING ST
 Mailing City,St,Zip: SAN BERNARDINO, CA 924100000
 Gen County: Not reported
 TSD EPA ID: CAT080022148
 TSD County: Not reported
 Waste Category: Household waste
 Disposal Method: Transfer Station
 Tons: 0.25
 Cat Decode: Household waste
 Method Decode: Transfer Station
 Facility County: San Bernardino

9
A J S ASSOCIATES LP
2631 W 2ND ST
SAN BERNARDINO, CA 92410

HAZNET **S112957917**
N/A

HAZNET:
 envid: S112957917
 Year: 2006
 GEPAID: CAC002610914
 Contact: MARK MALSZMAN
 Telephone: 3108430170
 Mailing Name: Not reported
 Mailing Address: 1180 S BEVERLY DR STE 304
 Mailing City,St,Zip: LOS ANGELES, CA 900351154
 Gen County: Not reported
 TSD EPA ID: CAD097030993
 TSD County: Not reported
 Waste Category: Other organic solids
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Tons: 0.05
 Cat Decode: Other organic solids
 Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Facility County: San Bernardino

10
ROGER J DIESEL REPAIR
174 N RANCHO AVE
SAN BERNARDINO, CA 92410

HAZNET **S113159362**
N/A

HAZNET:
 envid: S113159362
 Year: 2012
 GEPAID: CAL000355425
 Contact: ROGER C VALDEZ
 Telephone: 9092823800
 Mailing Name: Not reported
 Mailing Address: 174 N RANCHO AVE
 Mailing City,St,Zip: SAN BERNARDINO, CA 924101504
 Gen County: San Bernardino
 TSD EPA ID: CAD099452708
 TSD County: Los Angeles
 Waste Category: Not reported
 Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ROGER J DIESEL REPAIR (Continued)

S113159362

Tons: 1.235
Cat Decode: Not reported
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: San Bernardino

envid: S113159362
Year: 2011
GEPAID: CAL000355425
Contact: ROGER C VALDEZ
Telephone: 9092823800
Mailing Name: Not reported
Mailing Address: 174 N RANCHO AVE
Mailing City,St,Zip: SAN BERNARDINO, CA 924101504
Gen County: Not reported
TSD EPA ID: CAD099452708
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

Tons: 1.976
Cat Decode: Waste oil and mixed oil
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: San Bernardino

envid: S113159362
Year: 2010
GEPAID: CAL000355425
Contact: ROGER C VALDEZ
Telephone: 9092823800
Mailing Name: Not reported
Mailing Address: 174 N RANCHO AVE
Mailing City,St,Zip: SAN BERNARDINO, CA 924101504
Gen County: Not reported
TSD EPA ID: CAD099452708
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

Tons: 1.387
Cat Decode: Waste oil and mixed oil
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: San Bernardino

11

**ELLIOTT PRECISION BLOCK CO
157 N RANCHO AVE
SAN BERNARDINO, CA 92410**

**HAZNET S113464807
N/A**

HAZNET:
envid: S113464807
Year: 2010
GEPAID: CAD008278277
Contact: MELVIN ELLIOTT
Telephone: 9098856581
Mailing Name: Not reported
Mailing Address: 157 N RANCHO AVE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ELLIOTT PRECISION BLOCK CO (Continued)

S113464807

Mailing City,St,Zip: SAN BERNARDINO, CA 924100000
Gen County: Not reported
TSD EPA ID: CAT000613927
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1428
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

12

**BOBBY LEON INGRAM
71 SOUTH DATE
RIALTO, CA 92376**

**HAZNET S113181522
N/A**

HAZNET:
envid: S113181522
Year: 1996
GEPAID: CLU960008552
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: DTSC CLU/ERU
Mailing City,St,Zip: SACRAMENTO, CA 958120806
Gen County: Not reported
TSD EPA ID: AZD049318009
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: .0500
Cat Decode: Other inorganic solid waste
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113181522
Year: 1996
GEPAID: CLU960008552
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: DTSC CLU/ERU
Mailing City,St,Zip: SACRAMENTO, CA 958120806
Gen County: Not reported
TSD EPA ID: AZD049318009
TSD County: Not reported
Waste Category: Liquids with pH <= 2
Disposal Method: Transfer Station
Tons: .0300
Cat Decode: Liquids with pH <= 2
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113181522
Year: 1996
GEPAID: CLU960008552
Contact: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BOBBY LEON INGRAM (Continued)

S113181522

Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: DTSC CLU/ERU
Mailing City,St,Zip: SACRAMENTO, CA 958120806
Gen County: Not reported
TSD EPA ID: AZD049318009
TSD County: Not reported
Waste Category: Unspecified alkaline solution
Disposal Method: Transfer Station
Tons: .0500
Cat Decode: Unspecified alkaline solution
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113181522
Year: 1996
GEPAID: CLU960008552
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: DTSC CLU/ERU
Mailing City,St,Zip: SACRAMENTO, CA 958120806
Gen County: Not reported
TSD EPA ID: AZD049318009
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: .0075
Cat Decode: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Decode: Transfer Station
Facility County: San Bernardino

12

**SCE-RIALTO SUBSTATION
1ST & DATE AVE
RIALTO, CA 92376**

**AST S105047587
N/A**

AST:

Certified Unified Program Agencies: San Bernardino
Owner: SOUTHERN CALIFORNIA EDISON
Total Gallons: 18,155
CERSID: Not reported
Facility ID: Not reported
Business Name: Not reported
Phone: Not reported
Fax: Not reported
Mailing Address: Not reported
Mailing Address City: Not reported
Mailing Address State: Not reported
Mailing Address Zip Code: Not reported
Operator Name: Not reported
Operator Phone: Not reported
Owner Phone: Not reported
Owner Mail Address: Not reported
Owner State: Not reported
Owner Zip Code: Not reported
Owner Country: Not reported
Property Owner Name: Not reported
Property Owner Phone: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SCE-RIALTO SUBSTATION (Continued)

S105047587

Property Owner Mailing Address: Not reported
Property Owner City: Not reported
Property Owner Stat : Not reported
Property Owner Zip Code: Not reported
Property Owner Country: Not reported
EPAID: Not reported

13

**CASA DEL SOL
300 N 1ST ST
RIALTO, CA 92376**

**HAZNET S112926658
N/A**

HAZNET:
envid: S112926658
Year: 2002
GEPAID: CAC002559677
Contact: THERESE FINCH
Telephone: 6195220347
Mailing Name: Not reported
Mailing Address: PO BOX 181140
Mailing City,St,Zip: CORONADO, CA 921781140
Gen County: Not reported
TSD EPA ID: CAD009007626
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 5.39
Cat Decode: Asbestos containing waste
Method Decode: Disposal, Land Fill
Facility County: San Bernardino

14

**113 S RIVERSIDE AVE
RIALTO, CA 92376**

**EDR Hist Cleaner 1014977195
N/A**

EDR Historical Cleaners:
Name: ARTISTIC CLEANERS
Year: 2001
Address: 113 S RIVERSIDE AVE

Name: ARTISTIC CLEANERS
Year: 2002
Address: 113 S RIVERSIDE AVE

Name: ARTISTIC CLEANERS
Year: 2004
Address: 113 S RIVERSIDE AVE

Name: ARTISTIC CLEANERS
Year: 2005
Address: 113 S RIVERSIDE AVE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site
Database(s)
EPA ID Number
EDR ID Number

14 ARTISTIC CLEANERS
113 S RIVERSIDE AVE
RIALTO, CA 92376
RCRA-SQG
HAZNET
ECHO
1000263448
CAD981614811

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: ARTISTIC CLEANERS
Facility address: 113 S RIVERSIDE AVE
RIALTO, CA 92376
EPA ID: CAD981614811
Contact: ENVIRONMENTAL MANAGER
Contact address: 113 S RIVERSIDE AVE
RIALTO, CA 92376
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: EMMA LUTON
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ARTISTIC CLEANERS (Continued)

1000263448

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/23/1987
Site name: ARTISTIC CLEANERS
Classification: Large Quantity Generator

Violation Status: No violations found

HAZNET:

envid: 1000263448
Year: 2006
GEPAID: CAD981614811
Contact: EMMA LUTON OWNER
Telephone: 9098753737
Mailing Name: Not reported
Mailing Address: 113 S RIVERSIDE AVE
Mailing City,St,Zip: RIALTO, CA 923766413
Gen County: Not reported
TSD EPA ID: NVR000076158
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Recycler
Tons: 0.12
Cat Decode: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Decode: Recycler
Facility County: San Bernardino

envid: 1000263448
Year: 2006
GEPAID: CAD981614811
Contact: EMMA LUTON OWNER
Telephone: 9098753737
Mailing Name: Not reported
Mailing Address: 113 S RIVERSIDE AVE
Mailing City,St,Zip: RIALTO, CA 923766413
Gen County: Not reported
TSD EPA ID: NVR000076158
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Recycler
Tons: Not reported
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Recycler
Facility County: San Bernardino

envid: 1000263448
Year: 2006
GEPAID: CAD981614811
Contact: EMMA LUTON OWNER
Telephone: 9098753737
Mailing Name: Not reported
Mailing Address: 113 S RIVERSIDE AVE
Mailing City,St,Zip: RIALTO, CA 923766413

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ARTISTIC CLEANERS (Continued)

1000263448

Gen County: Not reported
TSD EPA ID: NVR000076158
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Recycler
Tons: Not reported
Cat Decode: Not reported
Method Decode: Recycler
Facility County: San Bernardino

envid: 1000263448
Year: 2006
GEPAID: CAD981614811
Contact: EMMA LUTON OWNER
Telephone: 9098753737
Mailing Name: Not reported
Mailing Address: 113 S RIVERSIDE AVE
Mailing City,St,Zip: RIALTO, CA 923766413
Gen County: Not reported
TSD EPA ID: NVR000076158
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Recycler
Tons: 0.12
Cat Decode: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Decode: Recycler
Facility County: San Bernardino

envid: 1000263448
Year: 2005
GEPAID: CAD981614811
Contact: EMMA LUTON OWNER
Telephone: 9098753737
Mailing Name: Not reported
Mailing Address: 113 S RIVERSIDE AVE
Mailing City,St,Zip: RIALTO, CA 923766413
Gen County: Not reported
TSD EPA ID: NVR000076158
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Not reported
Tons: 0.42
Cat Decode: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Decode: Not reported
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
15 additional CA_HAZNET: record(s) in the EDR Site Report.

ECHO:

Envid: 1000263448
Registry ID: 110002724507
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002724507

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
EPA ID Number

Database(s)

14

LAWSON J H DO CLNR
112 S RIVERSIDE AVE
RIALTO, CA 91730

EDR Hist Cleaner

1014156506
N/A

EDR Historical Cleaners:

Name:

LAWSON J H DO CLNR

Year:

1930

Type:

CLOTHES PRESSERS AND CLEANERS

14

STEPHEN BRINGAS
114 SOUTH RIVERSIDE AVE
RIALTO, CA 92376

HAZNET

S113181251
N/A

HAZNET:

envid:

S113181251

Year:

1996

GEPAID:

CLU960006224

Contact:

AYRES REALTY & MANAGEMENT

Telephone:

9098753848

Mailing Name:

Not reported

Mailing Address:

DTSC CLU/ERU

Mailing City,St,Zip:

SACRAMENTO, CA 958120806

Gen County:

Not reported

TSD EPA ID:

AZD049318009

TSD County:

Not reported

Waste Category:

Alkaline solution without metals pH >= 12.5

Disposal Method:

Transfer Station

Tons:

.0250

Cat Decode:

Alkaline solution without metals pH >= 12.5

Method Decode:

Transfer Station

Facility County:

San Bernardino

envid:

S113181251

Year:

1996

GEPAID:

CLU960006224

Contact:

AYRES REALTY & MANAGEMENT

Telephone:

9098753848

Mailing Name:

Not reported

Mailing Address:

DTSC CLU/ERU

Mailing City,St,Zip:

SACRAMENTO, CA 958120806

Gen County:

Not reported

TSD EPA ID:

AZD049318009

TSD County:

Not reported

Waste Category:

Other organic solids

Disposal Method:

Transfer Station

Tons:

.0750

Cat Decode:

Other organic solids

Method Decode:

Transfer Station

Facility County:

San Bernardino

envid:

S113181251

Year:

1996

GEPAID:

CLU960006224

Contact:

AYRES REALTY & MANAGEMENT

Telephone:

9098753848

Mailing Name:

Not reported

Mailing Address:

DTSC CLU/ERU

Mailing City,St,Zip:

SACRAMENTO, CA 958120806

Gen County:

Not reported

TSD EPA ID:

AZD049318009

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

STEPHEN BRINGAS (Continued)
S113181251

TSD County:	Not reported
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Transfer Station
Tons:	.0925
Cat Decode:	Unspecified organic liquid mixture
Method Decode:	Transfer Station
Facility County:	San Bernardino

14	TERRY GLENN AUTO 101 S RIVERSIDE AVE RIALTO, CA 91730	EDR Hist Auto	1014197148 N/A
----	----------------------------------------------------------------------------------	---------------	-------------------

EDR Historical Auto Stations:

Name:	TERRY GLENN AUTO
Year:	1936
Type:	AUTOMOBILE REPAIRING

14	LAWSON J H DO 112 RIVERSIDE AVE S RIALTO, CA 91730	EDR Hist Cleaner	1014152013 N/A
----	-------------------------------------------------------------------------------	------------------	-------------------

EDR Historical Cleaners:

Name:	LAWSON J H DO
Year:	1942
Type:	CLOTHES PRESSERS AND CLEANERS

15	RIALTO POLICE DEPT/FUEL FACILI 128 NORTH WILLOW RIALTO, CA 92376	HIST UST	U001575557 N/A
----	---------------------------------------------------------------------------------------------	----------	-------------------

HIST UST:

File Number:	00029CB9
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029CB9.pdf
Region:	STATE
Facility ID:	00000035152
Facility Type:	Gas Station
Other Type:	AUTOMATED FAC FOR PD
Contact Name:	WATCH COMMANDER
Telephone:	7148202550
Owner Name:	CITY OF RIALTO
Owner Address:	150 SOUTH PALM AVE
Owner City,St,Zip:	RIALTO, CA 92376
Total Tanks:	0003

Tank Num:	001
Container Num:	RPD-1
Year Installed:	1980
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	#2STEEL
Leak Detection:	Stock Inventor, Pressure Test

Tank Num:	002
Container Num:	RPD-GEN-3C

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RIALTO POLICE DEPT/FUEL FACILI (Continued)

U001575557

Year Installed: Not reported
Tank Capacity: 00000300
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: #12STEE
Leak Detection: Visual, Pressure Test

Tank Num: 003
Container Num: RPD-GEN-5C
Year Installed: 1980
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: #12STEE
Leak Detection: Visual, Pressure Test

[Click here for Geo Tracker PDF:](#)

15

**CITY OF RIALTO
128 N WILLOW AVE
RIALTO, CA 92376**

**HAZNET S112974452
N/A**

HAZNET:

envid: S112974452
Year: 2008
GEPAID: CAC002636980
Contact: SARAH KING
Telephone: 9092085363
Mailing Name: Not reported
Mailing Address: 128 N WILLOW AVE
Mailing City,St,Zip: RIALTO, CA 923765830
Gen County: Not reported
TSD EPA ID: AZC950823111
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 4
Cat Decode: Asbestos containing waste
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: San Bernardino

15

**RIALTO CITY/POLICE DEPARTMENT
128 NORTH WILLOW AVENUE
RIALTO, CA 92367**

**HAZNET S112864099
N/A**

HAZNET:

envid: S112864099
Year: 2013
GEPAID: CAC002732490
Contact: LT. ANDY KAROL
Telephone: 9098202526
Mailing Name: Not reported
Mailing Address: 128 NORTH WILLOW AVENUE
Mailing City,St,Zip: RIALTO, CA 92367

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RIALTO CITY/POLICE DEPARTMENT (Continued)

S112864099

Gen County: San Bernardino
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 47.1968
Cat Decode: Not reported
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: Not reported

envid: S112864099
Year: 1996
GEPAID: CAC001059800
Contact: CITY OF RIALTO
Telephone: 9098202631
Mailing Name: Not reported
Mailing Address: 128 NORTH WILLOW
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Treatment, Tank
Tons: .0834
Cat Decode: Aqueous solution with total organic residues 10 percent or more
Method Decode: Treatment, Tank
Facility County: San Bernardino

15

**RIALTO CITY/POLICE DEPT
128 N WILLOW AVE
RIALTO, CA 92376**

**RCRA-LQG 1016954059
CAC002732490**

RCRA-LQG:

Date form received by agency: 03/01/2014
Facility name: RIALTO CITY/POLICE DEPT
Facility address: 128 N WILLOW AVE
RIALTO, CA 92376
EPA ID: CAC002732490
Mailing address: N WILLOW AVE
RIALTO, CA 92376
Contact: ANDREW KAROL
Contact address: N WILLOW AVE
RIALTO, CA 92376
Contact country: Not reported
Contact telephone: (909) 820-2526
Contact email: AKAROL@RIALTOPD.COM
EPA Region: 09
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RIALTO CITY/POLICE DEPT (Continued)

1016954059

of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: CITY OF RIALTO
Owner/operator address: S PALM AVE
RIALTO, CA 92376
Owner/operator country: Not reported
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Owner
Owner/Op start date: 11/17/1911
Owner/Op end date: Not reported

Owner/operator name: RIALTO POLICE DEPARTMENT
Owner/operator address: S PALM AVE
RIALTO, CA 92376
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Municipal
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1973
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: D008
. Waste name: LEAD

Violation Status: No violations found

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

16 BROWNS AUTO WORKS
661 RIALTO AVE
RIALTO, CA 92376

HAZNET S113036559
N/A

HAZNET:

envid:	S113036559
Year:	2001
GEPAID:	CAL000037629
Contact:	ROBERTA BROWN/BOOKKEEPER
Telephone:	9098752407
Mailing Name:	Not reported
Mailing Address:	661 W RIALTO AVE
Mailing City,St,Zip:	RIALTO, CA 923765749
Gen County:	Not reported
TSD EPA ID:	CAD008252405
TSD County:	Not reported
Waste Category:	Unspecified solvent mixture
Disposal Method:	Recycler
Tons:	0.1
Cat Decode:	Unspecified solvent mixture
Method Decode:	Recycler
Facility County:	San Bernardino

envid:	S113036559
Year:	2000
GEPAID:	CAL000037629
Contact:	ROBERTA BROWN/BOOKKEEPER
Telephone:	9098752407
Mailing Name:	Not reported
Mailing Address:	661 W RIALTO AVE
Mailing City,St,Zip:	RIALTO, CA 923765749
Gen County:	Not reported
TSD EPA ID:	CAD008302903
TSD County:	Not reported
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Recycler
Tons:	0.27
Cat Decode:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Decode:	Recycler
Facility County:	San Bernardino

envid:	S113036559
Year:	1999
GEPAID:	CAL000037629
Contact:	WILLIAM R BROWN
Telephone:	9098752407
Mailing Name:	Not reported
Mailing Address:	661 W RIALTO AVE
Mailing City,St,Zip:	RIALTO, CA 923765749
Gen County:	Not reported
TSD EPA ID:	CAD008302903
TSD County:	Not reported
Waste Category:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method:	Recycler
Tons:	.1459
Cat Decode:	Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Decode:	Recycler
Facility County:	San Bernardino

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

BROWNS AUTO WORKS (Continued)
S113036559

envid: S113036559
 Year: 1998
 GEPAID: CAL000037629
 Contact: WILLIAM R BROWN
 Telephone: 9098752407
 Mailing Name: Not reported
 Mailing Address: 661 W RIALTO AVE
 Mailing City,St,Zip: RIALTO, CA 923765749
 Gen County: Not reported
 TSD EPA ID: CAD008302903
 TSD County: Not reported
 Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
 Disposal Method: Recycler
 Tons: .0667
 Cat Decode: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
 Method Decode: Recycler
 Facility County: San Bernardino

envid: S113036559
 Year: 1998
 GEPAID: CAL000037629
 Contact: WILLIAM R BROWN
 Telephone: 9098752407
 Mailing Name: Not reported
 Mailing Address: 661 W RIALTO AVE
 Mailing City,St,Zip: RIALTO, CA 923765749
 Gen County: Not reported
 TSD EPA ID: CAD008252405
 TSD County: Not reported
 Waste Category: Unspecified solvent mixture
 Disposal Method: Recycler
 Tons: .0083
 Cat Decode: Unspecified solvent mixture
 Method Decode: Recycler
 Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
 2 additional CA_HAZNET: record(s) in the EDR Site Report.

16

DK&J ENTERPRISES INC DBA ROY & DOTS TOWING
661 W RIALTO AVE
RIALTO, CA 92376

HAZNET S113159272
N/A

HAZNET:

envid: S113159272
 Year: 2011
 GEPAID: CAL000355063
 Contact: DAVID MCCLURE
 Telephone: 9092010060
 Mailing Name: Not reported
 Mailing Address: 661 W RIALTO AVE
 Mailing City,St,Zip: RIALTO, CA 923765749
 Gen County: Not reported
 TSD EPA ID: CAT080013352
 TSD County: Not reported
 Waste Category: Waste oil and mixed oil
 Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

DK&J ENTERPRISES INC DBA ROY & DOTS TOWING (Continued)

S113159272

Tons: 1.368
Cat Decode: Waste oil and mixed oil
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: San Bernardino

envid: S113159272
Year: 2010
GEPAID: CAL000355063
Contact: DAVID MCCLURE
Telephone: 9092010060
Mailing Name: Not reported
Mailing Address: 661 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 923765749
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.342
Cat Decode: Unspecified solvent mixture
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: San Bernardino

16

**BROWNS AUTO WORKS
661 W RIALTO
RIALTO, CA 92376**

**RCRA-SQG 1000438241
ECHO CAD982031494**

RCRA-SQG:

Date form received by agency: 08/25/1987
Facility name: BROWNS AUTO WORKS
Facility address: 661 W RIALTO
RIALTO, CA 92376
EPA ID: CAD982031494
Mailing address: W RIALTO
RIALTO, CA 92376
Contact: ENVIRONMENTAL MANAGER
Contact address: 661 W RIALTO
RIALTO, CA 92376
Contact country: US
Contact telephone: (714) 875-2407
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: BOB HARKER
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BROWNS AUTO WORKS (Continued)

1000438241

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Violation Status: No violations found

ECHO:

Envid: 1000438241
Registry ID: 110002783131
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002783131

16

**661 W RIALTO AVE
RIALTO, CA 92376**

**EDR Hist Auto 1015594076
N/A**

EDR Historical Auto Stations:

Name: BROWNS AUTO WORKS
Year: 1999
Address: 661 W RIALTO AVE

Name: BROWNS AUTO WORKS
Year: 2000
Address: 661 W RIALTO AVE

Name: BROWNS AUTO WORKS
Year: 2001
Address: 661 W RIALTO AVE

Name: BROWNS AUTO WORKS
Year: 2002
Address: 661 W RIALTO AVE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

1015594076

Name: BROWNS AUTO WORKS
Year: 2003
Address: 661 W RIALTO AVE

Name: BROWNS AUTO WORKS
Year: 2004
Address: 661 W RIALTO AVE

Name: BROWNS AUTO WORKS
Year: 2005
Address: 661 W RIALTO AVE

Name: BROWNS AUTO WORKS
Year: 2006
Address: 661 W RIALTO AVE

Name: BROWNS AUTO WORKS
Year: 2007
Address: 661 W RIALTO AVE

Name: BROWNS AUTO WORKS
Year: 2008
Address: 661 W RIALTO AVE

16

INLAND TRI TECH RIALTO WHSE
541 W RIALTO AVE
RIALTO, CA 92376

RCRA-SQG
HAZNET
ECHO
1001486916
CAR000053785

RCRA-SQG:

Date form received by agency: 06/28/1999
Facility name: INLAND TRI TECH RIALTO WHSE
Facility address: 541 W RIALTO AVE
RIALTO, CA 92376
EPA ID: CAR000053785
Mailing address: 5751 CHINO AVE
CHINO, CA 91710
Contact: MARK JOHNSON
Contact address: 5751 CHINO AVE
CHINO, CA 91710
Contact country: US
Contact telephone: (909) 464-1564
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: MARK E JOHNSON
Owner/operator address: 5751 CHINO AVE
CHINO, CA 91710
Owner/operator country: Not reported
Owner/operator telephone: (909) 464-1564
Legal status: Private

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

INLAND TRI TECH RIALTO WHSE (Continued)

1001486916

Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

. Waste code: D001
. Waste name: IGNITABLE WASTE

Violation Status: No violations found

HAZNET:

envid: 1001486916
Year: 2008
GEPAID: CAR000053785
Contact: MARK E JOHNSON VICE PRESIDENT
Telephone: 9094641564
Mailing Name: Not reported
Mailing Address: 5751 CHINO AVE
Mailing City,St,Zip: CHINO, CA 917100000
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.231
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: San Bernardino

envid: 1001486916
Year: 2007
GEPAID: CAR000053785
Contact: MARK E JOHNSON VICE PRESIDENT
Telephone: 9094641564
Mailing Name: Not reported
Mailing Address: 5751 CHINO AVE
Mailing City,St,Zip: CHINO, CA 917100000
Gen County: Not reported
TSD EPA ID: CAD044429835
TSD County: Not reported
Waste Category: Paint sludge

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

INLAND TRI TECH RIALTO WHSE (Continued)

1001486916

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 1.14
Cat Decode: Paint sludge
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: 1001486916
Year: 2007
GEPAID: CAR000053785
Contact: MARK E JOHNSON VICE PRESIDENT
Telephone: 9094641564
Mailing Name: Not reported
Mailing Address: 5751 CHINO AVE
Mailing City,St,Zip: CHINO, CA 917100000
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 1.61
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: 1001486916
Year: 2003
GEPAID: CAR000053785
Contact: MARK E JOHNSON VICE PRESIDENT
Telephone: 9094641564
Mailing Name: Not reported
Mailing Address: 5751 CHINO AVE
Mailing City,St,Zip: CHINO, CA 917100000
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Transfer Station
Tons: 0.22
Cat Decode: Waste oil and mixed oil
Method Decode: Transfer Station
Facility County: San Bernardino

envid: 1001486916
Year: 2003
GEPAID: CAR000053785
Contact: MARK E JOHNSON VICE PRESIDENT
Telephone: 9094641564
Mailing Name: Not reported
Mailing Address: 5751 CHINO AVE
Mailing City,St,Zip: CHINO, CA 917100000
Gen County: Not reported
TSD EPA ID: AZD009015389
TSD County: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

INLAND TRI TECH RIALTO WHSE (Continued)

1001486916

Waste Category: Paint sludge
Disposal Method: Not reported
Tons: 3.44
Cat Decode: Paint sludge
Method Decode: Not reported
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
3 additional CA_HAZNET: record(s) in the EDR Site Report.

ECHO:

Envid: 1001486916
Registry ID: 110006486392
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110006486392

16

RIALTO UNIFIED SCHOOL DISTRICT
625 W RIALTO AVE
RIALTO, CA 92376

RCRA-SQG 1000292659
HIST CORTESE CAD981632557
LUST
CA FID UST
HIST UST
SWEEPS UST
AST
ECHO

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: RIALTO UNIFIED SCHOOL DISTRICT
Facility address: 625 W RIALTO AVE
RIALTO, CA 92376
EPA ID: CAD981632557
Mailing address: 182 E WALNUT AVE
RIALTO, CA 92376
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: District
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RIALTO UNIFIED SCHOOL DISTRICT (Continued)

1000292659

Owner/operator name: RIALTO UNIF SCHOOLS
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: District
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 02/02/1987
Site name: RIALTO UNIFIED SCHOOL DISTRICT
Classification: Large Quantity Generator

Violation Status: No violations found

HIST CORTESE:

Region: CORTESE
Facility County Code: 36
Reg By: LTNKA
Reg Id: 083603531T

LUST:

Region: STATE
Global Id: T0607100595
Latitude: 34.100474
Longitude: -117.38976
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 11/09/1999
Lead Agency: SAN BERNARDINO COUNTY
Case Worker: CR2
Local Agency: SAN BERNARDINO COUNTY
RB Case Number: 083603531T
LOC Case Number: 99092
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RIALTO UNIFIED SCHOOL DISTRICT (Continued)

1000292659

Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0607100595
Contact Type: Local Agency Caseworker
Contact Name: CATHERINE RICHARDS
Organization Name: SAN BERNARDINO COUNTY
Address: 620 SOUTH E STREET
City: SAN BERNARDINO
Email: crichards@sbcfire.org
Phone Number: 9093868419

Global Id: T0607100595
Contact Type: Regional Board Caseworker
Contact Name: VALERIE JAHN-BULL
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: vjahn-bull@waterboards.ca.gov
Phone Number: 9517824903

Status History:

Global Id: T0607100595
Status: Completed - Case Closed
Status Date: 11/09/1999

Global Id: T0607100595
Status: Open - Case Begin Date
Status Date: 06/17/1999

Global Id: T0607100595
Status: Open - Site Assessment
Status Date: 07/07/1999

Regulatory Activities:

Global Id: T0607100595
Action Type: REMEDIATION
Date: 06/17/1999
Action: Excavation

Global Id: T0607100595
Action Type: Other
Date: 06/17/1999
Action: Leak Stopped

Global Id: T0607100595
Action Type: ENFORCEMENT
Date: 11/09/1999
Action: Closure/No Further Action Letter

Global Id: T0607100595
Action Type: Other
Date: 06/17/1999
Action: Leak Discovery

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RIALTO UNIFIED SCHOOL DISTRICT (Continued)

1000292659

Global Id:	T0607100595
Action Type:	Other
Date:	07/07/1999
Action:	Leak Reported

CA FID UST:

Facility ID:	36000482
Regulated By:	UTNKA
Regulated ID:	00063405
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	182 E WALNUT
Mailing Address 2:	Not reported
Mailing City,St,Zip:	RIALTO 92376
Contact:	Not reported
Contact Phone:	Not reported
DUNS Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HIST UST:

File Number:	0002A4BA
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002A4BA.pdf
Region:	STATE
Facility ID:	00000063405
Facility Type:	Other
Other Type:	SCHOOL DISTRICT
Contact Name:	THOMAS N. TORRENCE
Telephone:	7148207866
Owner Name:	RIALTO UNIFIED SCHOOL DISTRICT
Owner Address:	182 E. WALNUT
Owner City,St,Zip:	RIALTO, CA 92376
Total Tanks:	0007

Tank Num:	001
Container Num:	#1
Year Installed:	1980
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	#2
Year Installed:	1980
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported
Leak Detection:	Stock Inventor

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RIALTO UNIFIED SCHOOL DISTRICT (Continued)

1000292659

Tank Num: 003
Container Num: #3
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: #4
Year Installed: 1985
Tank Capacity: 00000550
Tank Used for: PRODUCT
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 005
Container Num: #5
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 006
Container Num: #6
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: PRODUCT
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Visual

Tank Num: 007
Container Num: #7
Year Installed: Not reported
Tank Capacity: 00000500
Tank Used for: WASTE
Type of Fuel: WASTE OIL
Container Construction Thickness: Not reported
Leak Detection: Visual

[Click here for Geo Tracker PDF:](#)

SWEEPS UST:

Status: Active
Comp Number: 63405
Number: 4
Board Of Equalization: 44-021368
Referral Date: 09-10-91
Action Date: 09-10-91
Created Date: 02-29-88
Owner Tank Id: #1
SWRCB Tank Id: 36-000-063405-000001

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RIALTO UNIFIED SCHOOL DISTRICT (Continued)

1000292659

Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: 7

Status: Active
Comp Number: 63405
Number: 4
Board Of Equalization: 44-021368
Referral Date: 09-10-91
Action Date: 09-10-91
Created Date: 02-29-88
Owner Tank Id: #2
SWRCB Tank Id: 36-000-063405-000002
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 63405
Number: 4
Board Of Equalization: 44-021368
Referral Date: 09-10-91
Action Date: 09-10-91
Created Date: 02-29-88
Owner Tank Id: #3
SWRCB Tank Id: 36-000-063405-000003
Tank Status: A
Capacity: 10000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 63405
Number: 4
Board Of Equalization: 44-021368
Referral Date: 09-10-91
Action Date: 09-10-91
Created Date: 02-29-88
Owner Tank Id: #4
SWRCB Tank Id: 36-000-063405-000004
Tank Status: A
Capacity: 550
Active Date: 07-01-85
Tank Use: UNKNOWN
STG: P
Content: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RIALTO UNIFIED SCHOOL DISTRICT (Continued)

1000292659

Number Of Tanks: Not reported

Status: Active
Comp Number: 63405
Number: 4
Board Of Equalization: 44-021368
Referral Date: 09-10-91
Action Date: 09-10-91
Created Date: 02-29-88
Owner Tank Id: #5
SWRCB Tank Id: 36-000-063405-000005
Tank Status: A
Capacity: 500
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Active
Comp Number: 63405
Number: 4
Board Of Equalization: 44-021368
Referral Date: 09-10-91
Action Date: 09-10-91
Created Date: 02-29-88
Owner Tank Id: #6
SWRCB Tank Id: 36-000-063405-000006
Tank Status: A
Capacity: 500
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

Status: Active
Comp Number: 63405
Number: 4
Board Of Equalization: 44-021368
Referral Date: 09-10-91
Action Date: 09-10-91
Created Date: 02-29-88
Owner Tank Id: #7
SWRCB Tank Id: 36-000-063405-000007
Tank Status: A
Capacity: 500
Active Date: 07-01-85
Tank Use: OIL
STG: W
Content: WASTE OIL
Number Of Tanks: Not reported

AST:

Certified Unified Program Agencies: Not reported
Owner: Rialto Unified School District
Total Gallons: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RIALTO UNIFIED SCHOOL DISTRICT (Continued)

1000292659

CERSID: 10044385
Facility ID: FA0006000
Business Name: Rialto Unified School District
Phone: (909) 820-7863
Fax: (909) 874-9104
Mailing Address: 182 E. Walnut Ave. Attn: Risk Mgt.
Mailing Address City: Rialto
Mailing Address State: CA
Mailing Address Zip Code: 92376
Operator Name: Rialto USD-Maintenance & Operations Complex
Operator Phone: (909) 820-7863
Owner Phone: (909) 820-7700
Owner Mail Address: 182 E. Walnut Ave.
Owner State: CA
Owner Zip Code: 92376
Owner Country: United States
Property Owner Name: Rialto Unified School District
Property Owner Phone: (909) 820-7700
Property Owner Mailing Address: 182 E. Walnut Ave.
Property Owner City: Rialto
Property Owner Stat : CA
Property Owner Zip Code: 92376
Property Owner Country: United States
EPAID: CAD981632557

ECHO:

Envid: 1000292659
Registry ID: 110009538553
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110009538553

16

**RIALTO UNIFIED SCHOOL DISTRICT
625 W RIALTO AVE
RIALTO, CA**

**RGA LUST S114676653
N/A**

RGA LUST:

2012	RIALTO UNIFIED SCHOOL DISTRICT	625 W RIALTO AVE
2011	RIALTO UNIFIED SCHOOL DISTRICT	625 W RIALTO AVE
2010	RIALTO UNIFIED SCHOOL DISTRICT	625 W RIALTO AVE
2009	RIALTO UNIFIED SCHOOL DISTRICT	625 W RIALTO AVE
2008	RIALTO UNIFIED SCHOOL DISTRICT	625 W RIALTO AVE

16

**M O T YARD
625 W RIALTO AVE
RIALTO, CA 92376**

**HAZNET S113008383
N/A**

HAZNET:

envid: S113008383
Year: 2014
GEPAID: CAD981632557
Contact: BILL RALPH-PLANNER, M.O.T
Telephone: 9098207866
Mailing Name: Not reported
Mailing Address: 625 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 923765749
Gen County: San Bernardino
TSD EPA ID: CAD008252405

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

M O T YARD (Continued)

S113008383

TSD County: Los Angeles
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.0066
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: San Bernardino

envid: S113008383
Year: 2014
GEPAID: CAD981632557
Contact: BILL RALPH-PLANNER, M.O.T
Telephone: 9098207866
Mailing Name: Not reported
Mailing Address: 625 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 923765749
Gen County: San Bernardino
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Unspecified oil-containing waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.02085
Cat Decode: Unspecified oil-containing waste
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: S113008383
Year: 2014
GEPAID: CAD981632557
Contact: BILL RALPH-PLANNER, M.O.T
Telephone: 9098207866
Mailing Name: Not reported
Mailing Address: 625 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 923765749
Gen County: San Bernardino
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Latex waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.4587
Cat Decode: Latex waste
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: S113008383
Year: 2014
GEPAID: CAD981632557
Contact: BILL RALPH-PLANNER, M.O.T
Telephone: 9098207866
Mailing Name: Not reported
Mailing Address: 625 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 923765749
Gen County: San Bernardino

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

M O T YARD (Continued)

S113008383

TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.0125
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: S113008383
Year: 2013
GEPAID: CAD981632557
Contact: BILL RALPH-PLANNER, M.O.T
Telephone: 9098207866
Mailing Name: Not reported
Mailing Address: 625 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 923765749
Gen County: San Bernardino
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.21
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access
271 additional CA_HAZNET: record(s) in the EDR Site Report.

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**685 W RIALTO AVE
RIALTO, CA 92376**

EDR Hist Auto 1015600170
N/A

EDR Historical Auto Stations:

Name: SLOANS AUTOMOTIVE & MARINE
Year: 1999
Address: 685 W RIALTO AVE

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**646 W RIALTO AVE
RIALTO, CA 92376**

EDR Hist Auto 1015589501
N/A

EDR Historical Auto Stations:

Name: POP TOON AUTO SERVICE
Year: 1999
Address: 646 W RIALTO AVE

Name: RIALTO SMOG & MUFFLER
Year: 2001
Address: 646 W RIALTO AVE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

1015589501

Name: RIALTO SMOG & MUFFLER
Year: 2002
Address: 646 W RIALTO AVE

Name: RIALTO SMOG & MUFFLER
Year: 2003
Address: 646 W RIALTO AVE

Name: RIALTO SMOG & MUFFLER
Year: 2004
Address: 646 W RIALTO AVE

Name: RIALTO SMOG AND MUFFLER
Year: 2005
Address: 646 W RIALTO AVE

Name: RIALTO SMOG & MUFFLER
Year: 2006
Address: 646 W RIALTO AVE

Name: RIALTO SMOG & MUFFLER
Year: 2007
Address: 646 W RIALTO AVE

Name: RIALTO SMOG & MUFFLER
Year: 2009
Address: 646 W RIALTO AVE

Name: RIALTO SMOG & MUFFLER
Year: 2010
Address: 646 W RIALTO AVE

Name: RIALTO SMOG & MUFFLER
Year: 2011
Address: 646 W RIALTO AVE

16

**BOB TOON MUFFLER AND BRAKE
646 WEST RIALTO AVE
RIALTO, CA 92376**

**HAZNET S113048784
N/A**

HAZNET:

envid: S113048784
Year: 1998
GEPAID: CAL000070770
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 646 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 923765750
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: .1876
Cat Decode: Aqueous solution with total organic residues 10 percent or more
Method Decode: Recycler
Facility County: San Bernardino

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
Database(s)
EPA ID Number

16 RIALTO SMOG & MUFFLER HAZNET S113465509
646 W RIALTO AVE
RIALTO, CA 92376 N/A

HAZNET:

envid: S113465509
Year: 2010
GEPAID: CAL000262059
Contact: JAMAL ABBASI
Telephone: 9098205037
Mailing Name: Not reported
Mailing Address: 540 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 923765750
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.19
Cat Decode: Waste oil and mixed oil
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: San Bernardino

envid: S113465509
Year: 2010
GEPAID: CAL000262059
Contact: JAMAL ABBASI
Telephone: 9098205037
Mailing Name: Not reported
Mailing Address: 540 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 923765750
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Unspecified aqueous solution
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.21
Cat Decode: Unspecified aqueous solution
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: San Bernardino

16 566 W RIALTO AVE EDR Hist Auto 1015555750
RIALTO, CA 92376 N/A

EDR Historical Auto Stations:

Name: RSR AUTO MECHANIC
Year: 2006
Address: 566 W RIALTO AVE

Name: G & M AUTO REPAIR
Year: 2007
Address: 566 W RIALTO AVE

Name: G & M AUTO REPAIR
Year: 2008

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

1015555750

Address: 566 W RIALTO AVE

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EDR Hist Auto 1015583782
N/A

**630 W RIALTO AVE
RIALTO, CA 92376**

EDR Historical Auto Stations:

Name: MANUELS AUTO TRANSMISSION MECHANIC REPAIR
Year: 1999
Address: 630 W RIALTO AVE

Name: MANUELS AUTO TRANSMISSION MECHANIC REPAIR
Year: 2000
Address: 630 W RIALTO AVE

Name: LOUIES MAINTENANCE & REPAIR
Year: 2001
Address: 630 W RIALTO AVE

Name: CALIFORNIA AUTO CTR & BODY
Year: 2003
Address: 630 W RIALTO AVE

Name: TOWS R US & AUTO BODY
Year: 2004
Address: 630 W RIALTO AVE

Name: CALIFORNIA AUTO CENTER & BD
Year: 2005
Address: 630 W RIALTO AVE

Name: G & R RIALTO MUFFLER AUTO REPAIR
Year: 2006
Address: 630 W RIALTO AVE

Name: REYES AUTO REPAIR
Year: 2007
Address: 630 W RIALTO AVE

Name: REYES AUTO REPAIR
Year: 2008
Address: 630 W RIALTO AVE

Name: M & R AUTO REPAIR
Year: 2009
Address: 630 W RIALTO AVE

Name: AUTO TOW & BODYWORKS
Year: 2010
Address: 630 W RIALTO AVE

Name: KIKES AUTO REPAIR
Year: 2011
Address: 630 W RIALTO AVE

Name: KIKES AUTO REPAIR
Year: 2012
Address: 630 W RIALTO AVE

MAP FINDINGS

16

HAZNET

EPA ID Number

envid: S113024328
Year: 2013
GEPAID: CAL000007628
Contact: BILL GRANT
Telephone: 9098754561
Mailing Name: Not reported
Mailing Address: 659 BALTIC CT
Mailing City,St,Zip: UPLAND, CA 917860000
Gen County: San Bernardino
TSD EPA ID: CAD097030993
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.25
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: Not reported

envind: S113024328
 Year: 2013
 GEPAID: CAL000007628
 Contact: BILL GRANT
 Telephone: 9098754561
 Mailing Name: Not reported
 Mailing Address: 659 BALTIC CT
 Mailing City,St,Zip: UPLAND, CA 917860000
 Gen County: San Bernardino
 TSD EPA ID: CAD097030993
 TSD County: Los Angeles
 Waste Category: Not reported
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
 (H010-H129) Or (H131-H135)
 Tons: 0.22935
 Cat Decode: Not reported
 Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
 (H010-H129) Or (H131-H135)
 Facility County: Not reported

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MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CALIFORNIA HYDRAULICS (Continued)

S113024328

Tons: 0.15
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: S113024328
Year: 2007
GEPAID: CAL000007628
Contact: BILL GRANT
Telephone: 9098754561
Mailing Name: Not reported
Mailing Address: 570 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Unspecified sludge waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)

Tons: 0.22
Cat Decode: Unspecified sludge waste
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: S113024328
Year: 2007
GEPAID: CAL000007628
Contact: BILL GRANT
Telephone: 9098754561
Mailing Name: Not reported
Mailing Address: 570 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)

Tons: 0.15
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
4 additional CA_HAZNET: record(s) in the EDR Site Report.

MAP FINDINGS

Map ID Direction Distance Distance (ft.)Site		EDR ID Number	
		Database(s)	EPA ID Number
16	640 W RIALTO AVE RIALTO, CA 92376 EDR Historical Auto Stations: Name: RIALTO SMOG & MUFFLER Year: 2012 Address: 640 W RIALTO AVE	EDR Hist Auto	1015587375 N/A
17	HUD 431 1ST STREET EAST RIALTO, CA 92376 HAZNET: envid: S112880801 Year: 1997 GEPAID: CAC001304352 Contact: HUD Telephone: 0000000000 Mailing Name: Not reported Mailing Address: 7365 CARNELIAN STE 105 Mailing City,St,Zip: RANCHO CUCAMONGA, CA 917300000 Gen County: Not reported TSD EPA ID: CAD000088252 TSD County: Not reported Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.) Disposal Method: Transfer Station Tons: .0375 Cat Decode: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.) Method Decode: Transfer Station Facility County: San Bernardino	HAZNET	S112880801 N/A
18	160 S LILAC AVE RIALTO, CA 92376 EDR Historical Auto Stations: Name: RAY & SONS AUTO REPAIR & TRANS Year: 2008 Address: 160 S LILAC AVE Name: RAY & SONS AUTO REPAIR & TRANSMISSI Year: 2009 Address: 160 S LILAC AVE Name: RAY & SONS AUTO REPAIR & TRNS Year: 2010 Address: 160 S LILAC AVE Name: RAY & SONS AUTO REPAIR & TRANSMISSI Year: 2011 Address: 160 S LILAC AVE Name: RAY & SONS AUTO REPAIR & TRANSMISSI Year: 2012 Address: 160 S LILAC AVE	EDR Hist Auto	1015252113 N/A

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

18 **MCI TELECOMMUNICATIONS DBA VERIZON BUSINESS**
157 S LILAC AVE
RIALTO, CA 92376

HAZNET S112985247
N/A

HAZNET:
 envid: S112985247
 Year: 2011
 GEPAID: CAC002665398
 Contact: TODD HARIS
 Telephone: 9727295671
 Mailing Name: Not reported
 Mailing Address: 2400 N GLENVILLE DR
 Mailing City,St,Zip: RICHARDSON, TX 750824354
 Gen County: Not reported
 TSD EPA ID: CAT000613893
 TSD County: Not reported
 Waste Category: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery
 (H010-H129) Or (H131-H135)
 Tons: 0.075
 Cat Decode: Hydrocarbon solvents (benzene, hexane, Stoddard, Etc.)
 Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery
 (H010-H129) Or (H131-H135)
 Facility County: San Bernardino

18 **MCI TELECOMMUNICATIONS**
157 S LILAC AVE
RIALTO, CA 92376

RCRA-SQG 1000133612
ECHO CAD982332801

RCRA-SQG:
 Date form received by agency: 11/09/1987
 Facility name: MCI TELECOMMUNICATIONS
 Facility address: 157 S LILAC AVE
 RIALTO, CA 92376
 EPA ID: CAD982332801
 Mailing address: 21350 CABOT BLVD
 HAYWARD, CA 94545
 Contact: ENVIRONMENTAL MANAGER
 Contact address: 157 S LILAC AVE
 RIALTO, CA 92376
 Contact country: US
 Contact telephone: (415) 732-2001
 Contact email: Not reported
 EPA Region: 09
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
 Owner/operator name: MCIT COMMUNICATIONS
 Owner/operator address: NOT REQUIRED
 NOT REQUIRED, ME 99999
 Owner/operator country: Not reported
 Owner/operator telephone: (415) 555-1212
 Legal status: Private
 Owner/Operator Type: Owner

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MCI TELECOMMUNICATIONS (Continued)

1000133612

Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Violation Status: No violations found

ECHO:

Envid: 1000133612
Registry ID: 110002795636
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002795636

18

VERIZON BUSINESS-RLTOCA
157 S LILAC AVE
RIALTO, CA 92376

CHMIRS S105698160
HAZNET N/A

CHMIRS:

OES Incident Number: 16-2055
OES notification: 04/04/2016
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agency Personnel # Of Decontaminated: Not reported
Responding Agency Personnel # Of Injuries: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

VERIZON BUSINESS-RLTOCA (Continued)

S105698160

Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Merchant/Business
Cleanup By:	Unrecoverable
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	VAPOR
Measure:	Lbs.
Other:	Not reported
Date/Time:	930
Year:	2016
Agency:	Verizon
Incident Date:	03/31/2016
Admin Agency:	San Bernardino County Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Halon
Quantity Released:	149
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	"Historical Release" Per the Caller: Due to an air conditioning system motor fire, the gas was released by the fire suppression system to mitigate the fire. No vapor cloud and no injuries or evacuations.

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

VERIZON BUSINESS-RLTOCA (Continued)

S105698160

HAZNET:

envid: S105698160
Year: 2013
GEPAID: CAC002739588
Contact: ZACH FEINGOLD
Telephone: 9096205498
Mailing Name: Not reported
Mailing Address: PO BOX 725
Mailing City,St,Zip: CHINO, CA 917080725
Gen County: San Bernardino
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.428
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Not reported

envid: S105698160
Year: 2013
GEPAID: CAC002739588
Contact: ZACH FEINGOLD
Telephone: 9096205498
Mailing Name: Not reported
Mailing Address: PO BOX 725
Mailing City,St,Zip: CHINO, CA 917080725
Gen County: San Bernardino
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Not reported

envid: S105698160
Year: 2013
GEPAID: CAC002739588
Contact: ZACH FEINGOLD
Telephone: 9096205498
Mailing Name: Not reported
Mailing Address: PO BOX 725
Mailing City,St,Zip: CHINO, CA 917080725
Gen County: San Bernardino
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1
Cat Decode: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

VERIZON BUSINESS-RLTOCA (Continued)

S105698160

Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)

Facility County: Not reported

18

M C I

**157 LILAC AVE
RIALTO, CA 92376**

**CA FID UST
SWEEPS UST**

**S101591300
N/A**

CA FID UST:

Facility ID: 36004078
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: 4316 NE CARLISLE
Mailing Address 2: Not reported
Mailing City,St,Zip: RIALTO 92376
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:

Status: Active
Comp Number: 11388
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-24-92
Action Date: 03-24-92
Created Date: 09-26-88
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-011388-000001
Tank Status: A
Capacity: 1
Active Date: 09-23-88
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: 2

Status: Active
Comp Number: 11388
Number: 1
Board Of Equalization: Not reported
Referral Date: 03-24-92
Action Date: 03-24-92
Created Date: 09-26-88
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-011388-000002
Tank Status: A
Capacity: 1
Active Date: 09-23-88

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

M C I (Continued)

S101591300

Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

18

D & M DRUM CO
137 LILAC AVENUE
RIALTO, CA 92376

HIST Cal-Sites
DEED
RESPONSE
ENVIROSTOR

S105838318
N/A

Calsite:
Region: CYPRESS
Facility ID: 36500010
Facility Type: RP
Type: RESPONSIBLE PARTY
Branch: SB
Branch Name: SO CAL - CYPRESS
File Name: Not reported
State Senate District: 04112003
Status: ANNUAL WORKPLAN (AWP) - ACTIVE SITE
Status Name: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
NPL: Not Listed
SIC Code: 50
SIC Name: WHOLESALE TRADE - DURABLE GOODS
Access: Uncontrolled
Cortese: Not reported
Hazardous Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Staff Member Responsible for Site: JCULLY
Supervisor Responsible for Site: Not reported
Region Water Control Board: SA
Region Water Control Board Name: SANTA ANA
Lat/Long Direction: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Lat/Long Description: Not reported
State Assembly District Code: 62
State Senate District Code: 32
Facility ID: 36500010
Activity: DISC
Activity Name: DISCOVERY
AWP Code: Not reported
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 04151983
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

D & M DRUM CO (Continued)

S105838318

Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	36500010
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	03101987
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	36500010
Activity:	SS
Activity Name:	SITE SCREENING
AWP Code:	Not reported
Proposed Budget:	0
AWP Completion Date:	Not reported
Revised Due Date:	Not reported
Comments Date:	04251995
Est Person-Yrs to complete:	0
Estimated Size:	Not reported
Request to Delete Activity:	Not reported
Activity Status:	AWP
Definition of Status:	ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals):	0
Liquids Treated (Gals):	0
Action Included Capping:	Not reported
Well Decommissioned:	Not reported
Action Included Fencing:	Not reported
Removal Action Certification:	Not reported
Activity Comments:	Not reported
For Commercial Reuse:	0
For Industrial Reuse:	0
For Residential Reuse:	0
Unknown Type:	0
Facility ID:	36500010
Activity:	ORDER
Activity Name:	I/SE, IORSE, FFA, FFSRA, VCA, EA

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

D & M DRUM CO (Continued)

S105838318

AWP Code: IS&E
Proposed Budget: 0
AWP Completion Date: Not reported
Revised Due Date: Not reported
Comments Date: 04112003
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Facility ID: 36500010
Activity: PEA
Activity Name: PRELIMINARY ENDANGERMENT ASSESSMENT
AWP Code: PEAE
Proposed Budget: 0
AWP Completion Date: 12312004
Revised Due Date: 06302005
Comments Date: 06302005
Est Person-Yrs to complete: 0
Estimated Size: Not reported
Request to Delete Activity: Not reported
Activity Status: AWP
Definition of Status: ANNUAL WORKPLAN - ACTIVE SITE
Liquids Removed (Gals): 0
Liquids Treated (Gals): 0
Action Included Capping: Not reported
Well Decommissioned: Not reported
Action Included Fencing: Not reported
Removal Action Certification: Not reported
Activity Comments: Not reported
For Commercial Reuse: 0
For Industrial Reuse: 0
For Residential Reuse: 0
Unknown Type: 0
Alternate Address: 137 LILAC AVENUE
Alternate City,St,Zip: RIALTO, CA 92376
Background Info: D & M Drum Company operated a drum recycling business from 1980 to 1989. The San Bernardino County Department of Environmental Health (SBCDEH) conducted annual facility inspections during this period. In 1991 SBCDEH issued an order to the owner for corrective action. The site was referred to DTSC in 1995 by SBCDEH for further action. It is in the process of developing an RI for soil sampling. Not reported
Comments Date: 03101987
Comments: SITE SCREENING DONE FURTHER RECORD SEARCH NEEDED.

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

D & M DRUM CO (Continued)

S105838318

Comments Date: 04112003
Comments: DTSC issued an order to Mr. and Mrs. James and Frieda Collins
Comments Date: 04112003
Comments: (Property Owners) and to Mr. and Mrs. David and Marie Davis
Comments Date: 04112003
Comments: (Operators). Order was to investigate the contamination at
Comments Date: 04112003
Comments: site and conduct remedial action.
Comments Date: 04151983
Comments: FACILITY IDENTIFIED ID VIA DMI LIST
Comments Date: 04251995
Comments: PRELIM ASSESS CONE. EPA RECOMMENDATION: SSI (MED)
Comments Date: 04251995
Comments: PENDING RESULTS OF CHP INVESTIGATION. STATE
Comments Date: 04251995
Comments: RECOMMENDATION: SI (MED) BASED. NFA FOR DTSC.
Comments Date: 04251995
Comments: Not reported
Comments Date: 05112004
Comments: Site visit to identify areas of concern and areas that need to
Comments Date: 05112004
Comments: be sampled.
Comments Date: 06141988
Comments: FACILITY DRIVE-BY DRIVE BY: HUNDREDS OF DRUMS (55, 30, AND
Comments Date: 06141988
Comments: 5 GAL). STAINING AND POOLING SEEN ON
Comments Date: 06141988
Comments: GROUND, DRUM OUTSIDE FENCE, FENCE PROPE
Comments Date: 06141988
Comments: UP BY 2X4S, OILY/DARK STAINS/POOLS OUT-
Comments Date: 06141988
Comments: SIDE GATE DRAINING TO GUTTER.
Comments Date: 06151988
Comments: RECORDS SEARCH: SB CO. ASSESSOR'S OFFICE
Comments Date: 06151988
Comments: RIALTO FIRE DEPT.
Comments Date: 06151988
Comments: SB CO. DEPT. OF ENVIR. HEALTH SERVICES
Comments Date: 06151988
Comments: CALIFORNIA HIGHWAY PATROL
Comments Date: 06151988
Comments: RIALTO WATER DEPT.
Comments Date: 06151988
Comments: WEST S.B. COUNTY WATER DISTRICT
Comments Date: 06151988
Comments: SANTA ANA REGION RWQCB
Comments Date: 06231983
Comments: FACILITY DRIVE-BY 100'S OF 55 GALLON DRUMS ON SITE
Comments Date: 06241983
Comments: DRUM RECYCLER
Comments Date: 06241983
Comments: FINAL STRATEGY SITE REFERRED: TO HWMB/ENF
Comments Date: 06301988
Comments: ENFORCEMENT(OTHER) ENFORCEMENT ONGOING. D&M CURRENTLY
Comments Date: 06301988
Comments: UNDER INVESTIGATION BY CHP AND CO HEALTH
Comments Date: 06301988

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

D & M DRUM CO (Continued)

S105838318

Comments: FOR ILLEGAL TRANSPORTATION, TREATMENT,
Comments Date: 06301988
Comments: STROAGE AND DISPOSAL.
Comments Date: 06301988
Comments: PRELIM ASSESS DONE EPA RECOMMENDATION: SSI (MED) PENDING
Comments Date: 06301988
Comments: RESULTS OF CHP INVESTIGATION.
Comments Date: 06301988
Comments: STATE RECOMMENDATION: SI (MED) BASED
Comments Date: 06301988
Comments: ON EVIDENCE OF POTENTIAL RELEASES OF
Comments Date: 06301988
Comments: HAZARDOUS WASTES AND GROUND WATER
Comments Date: 06301988
Comments: CONTAMINATION.
Comments Date: 06302005
Comments: A Site Characterization was completed.
Comments Date: 08221995
Comments: EPA lead, NFA under CERCLA.
Comments Date: 11062001
Comments: DTSC still has concerns about potential contamination. Letter
Comments Date: 11062001
Comments: sent to RP requiring a PEA.
Comments Date: 12142001
Comments: Second letter sent to RP requiring a PEA.
ID Name: EPA IDENTIFICATION NUMBER
ID Value: CAT080010432
ID Name: CALSTARS CODE
ID Value: 401078
Alternate Name: D & M DRUM CO
Alternate Name: Not reported
Special Programs Code: CERC2
Special Programs Name: CERCLA II

DEED:

Envirostor ID: 36500010
Area: PROJECT WIDE
Sub Area: Not reported
Site Type: STATE RESPONSE
Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Agency: Not reported
Covenant Uploaded: Not reported
Deed Date(s): 08/06/2014

AWP:

AWP Facility ID: 36500010
Region Code: 4
Region: CYPRESS
SMBR Branch Code: SB
SMBR Branch Unit: SO CAL - CYPRESS
Site Name.: Not reported
Current Status Date: 04112003
Current Status: ANNUAL WORKPLAN - ACTIVE SITE
Lead Agency Code: DTSC
Lead Agency: DEPT OF TOXIC SUBSTANCES CONTROL
Facility Type: responsible party

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

D & M DRUM CO (Continued)

S105838318

Awp Site Type: RESPONSIBLE PARTY
NPL: Not Listed
Tier Of AWP Site: Not reported
Source Of Funding: Not reported
Responsible Staff Member: JCULLY
Supervisor Responsible: Not reported
SIC Code: 50
Facility SIC: WHOLESALE TRADE - DURABLE GOODS
RWQCB Code: SA
RWQCB Associated With Site: SANTA ANA
Site Access Controlled: Uncontrolled
Site Listed HWS List: Not reported
Hazard Ranking Score: Not reported
Date Site Hazard Ranked: Not reported
Groundwater Contamination: Not reported
Of Contamination Sources: 0
Lat/Long: Not reported
Lat/Long (dms): 0 0 0 / 0 0 0
Lat/long Method: Not reported
Description Of Entity: Not reported
State Assembly Distt Code: 62
State Senate District: 32

RESPONSE:

Facility ID: 36500010
Site Type: State Response
Site Type Detail: State Response or NPL
Acres: 0.73
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Joseph Cully
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Site Code: 401703
Site Mgmt. Req.: NONE SPECIFIED
Assembly: 47
Senate: 20
Special Program Status: Not reported
Status: Certified O&M - Land Use Restrictions Only
Status Date: 01/12/2015
Restricted Use: YES
Funding: Responsible Party
Latitude: 34.09866
Longitude: -117.3787
APN: NONE SPECIFIED
Past Use: EQUIPMENT/INSTRUMENT REPAIR, MACHINE SHOP, METAL FINISHING, METAL PLATING - OTHER, PAINT/DEPAINT FACILITY, PESTICIDE/INSECTIDE/RODENTICIDE STORAGE, RECYCLING - OTHER, RECYCLING - SCRAP METAL, RECYCLING - USED OIL , SAND BLASTING, BATTERY MANUFACTURING, BATTERY STORAGE, FUEL - VEHICLE STORAGE/ REFUELING, MACHINE SHOP, METAL FINISHING, METAL PLATING - CHROME, METAL PLATING - OTHER, PAINT/DEPAINT FACILITY, VEHICLE MAINTENANCE
Potential COC : * HALOGENATED ORGANIC COMPOUNDS * HYDROCARBON SOLVENTS * OXYGENATED SOLVENTS * WASTE OIL & MIXED OIL * OTHER PESTICIDE CONTAINERS, 30 GALLONS OR MORE * POLYMERIC RESIN WASTE Cyanide (free Tetrachloroethylene (PCE Antimony and compounds Chloroform

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

D & M DRUM CO (Continued)

S105838318

Confirmed COC: Ethylbenzene Xylenes
Tetrachloroethylene (PCE Antimony and compounds Chloroform
Ethylbenzene Xylenes
Potential Description: SOIL, SV, IA
Alias Name: CAT080010432
Alias Type: EPA Identification Number
Alias Name: 110002945118
Alias Type: EPA (FRS #)
Alias Name: 110033616610
Alias Type: EPA (FRS #)
Alias Name: 401078
Alias Type: Project Code (Site Code)
Alias Name: 401703
Alias Type: Project Code (Site Code)
Alias Name: 36500010
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 09/02/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/21/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 04/11/2003
Comments: DTSC issued an order to Mr. and Mrs. James and Frieda Collins (Property Owners) and to Mr. and Mrs. David and Marie Davis (Operators). Order was to investigate the contamination at site and conduct remedial action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 04/15/1983
Comments: FACILITY IDENTIFIED ID VIA DMI LIST

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/30/2005
Comments: A Site Characterization was completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/25/1995
Comments: PRELIM ASSESS CONE. EPA RECOMMENDATION: SSI (MED) PENDING RESULTS OF CHP INVESTIGATION. STATE RECOMMENDATION: SI (MED) BASED. NFA FOR DTSC. Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

D & M DRUM CO (Continued)

S105838318

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/30/1988
Comments: ENFORCEMENT(OTHER) ENFORCEMENT ONGOING. D&M CURRENTLY UNDER INVESTIGATION BY CHP AND CO HEALTH FOR ILLEGAL TRANSPORTATION, TREATMENT, STROAGE AND DISPOSAL. PRELIM ASSESS DONE EPA RECOMMENDATION: SSI (MED) PENDING RESULTS OF CHP INVESTIGATION. STATE RECOMMENDATION: SI (MED) BASED ON EVIDENCE OF POTENTIAL RELEASES OF HAZARDOUS WASTES AND GROUND WATER CONTAMINATION.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/10/1987
Comments: SITE SCREENING DONE FURTHER RECORD SEARCH NEEDED.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 10/02/2007
Comments: DTSC issued an approval letter for the work plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/23/2007
Comments: Contract to conduct a supplemental site investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 03/01/2007
Comments: Work plan for supplemental site investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/06/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 04/16/2008
Comments: DTSC sent letter on April 16, 2008, stating that the SSI report had been approved as revised.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 02/08/2008
Comments: The new property owner sent a copy of a check for \$50,000 that she had paid to DTSC as partial payment for what the Site owes DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

D & M DRUM CO (Continued)

S105838318

Completed Document Type: Risk Assessment Workplan

Completed Date: 07/23/2009

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Risk Assessment Report

Completed Date: 02/09/2010

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Land Use Restriction Monitoring Report

Completed Date: 03/07/2016

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Land Use Restriction - Site Inspection/Visit

Completed Date: 01/08/2015

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Lien Satisfaction

Completed Date: 10/23/2014

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Annual Oversight Cost Estimate

Completed Date: 10/29/2015

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Land Use Restriction

Completed Date: 08/06/2014

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Correspondence

Completed Date: 02/21/2008

Comments: A Stop Work Order letter was issued to the contractor, Geomatrix, ordering the contractor to stop work on Tasks 7 and 9 on the Work Order for this site. Contractor will continue to complete the Supplemental Site Investigation until the Report is approved.

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

Completed Document Type: Certification

Completed Date: 01/12/2015

Comments: Not reported

Completed Area Name: PROJECT WIDE

Completed Sub Area Name: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

D & M DRUM CO (Continued)

S105838318

Completed Document Type: Final Determination of Non-Compliance
Completed Date: 08/26/2003
Comments: The Notice of Final Determination of Non-Compliance with a previously issued Imminent and Substantial Endangerment Determination and Remedial Action Order was issued on August 26, 2003.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien
Completed Date: 03/06/2008
Comments: Lien was issued on March 6, 2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/25/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/29/2010
Comments: Letter sent on 10/29/2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 04/25/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Determination of non-compliance
Completed Date: 02/23/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/01/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/29/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Settlement - Administrative
Completed Date: 09/12/2014
Comments: Received check of \$300,000 on September 12, 2014 as payment from property owner.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

D & M DRUM CO (Continued)

S105838318

Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/02/2013
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

ENVIROSTOR:

Facility ID: 36500010
Status: Certified O&M - Land Use Restrictions Only
Status Date: 01/12/2015
Site Code: 401703
Site Type: State Response
Site Type Detailed: State Response or NPL
Acres: 0.73
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Joseph Cully
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 47
Senate: 20
Special Program: Not reported
Restricted Use: YES
Site Mgmt Req: NONE SPECIFIED
Funding: Responsible Party
Latitude: 34.09866
Longitude: -117.3787
APN: NONE SPECIFIED
Past Use: EQUIPMENT/INSTRUMENT REPAIR, MACHINE SHOP, METAL FINISHING, METAL PLATING - OTHER, PAINT/DEPAINT FACILITY, PESTICIDE/INSECTIDE/RODENTICIDE STORAGE, RECYCLING - OTHER, RECYCLING - SCRAP METAL, RECYCLING - USED OIL , SAND BLASTING, BATTERY MANUFACTURING, BATTERY STORAGE, FUEL - VEHICLE STORAGE/ REFUELING, MACHINE SHOP, METAL FINISHING, METAL PLATING - CHROME, METAL PLATING - OTHER, PAINT/DEPAINT FACILITY, VEHICLE MAINTENANCE
Potential COC: * HALOGENATED ORGANIC COMPOUNDS * HYDROCARBON SOLVENTS * OXYGENATED SOLVENTS * WASTE OIL & MIXED OIL * OTHER PESTICIDE CONTAINERS, 30 GALLONS OR MORE * POLYMERIC RESIN WASTE Cyanide (free Tetrachloroethylene (PCE Antimony and compounds Chloroform Ethylbenzene Xylenes
Confirmed COC: Tetrachloroethylene (PCE Antimony and compounds Chloroform Ethylbenzene Xylenes
Potential Description: SOIL, SV, IA
Alias Name: CAT080010432
Alias Type: EPA Identification Number
Alias Name: 110002945118
Alias Type: EPA (FRS #)
Alias Name: 110033616610

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

D & M DRUM CO (Continued)

S105838318

Alias Type: EPA (FRS #)
Alias Name: 401078
Alias Type: Project Code (Site Code)
Alias Name: 401703
Alias Type: Project Code (Site Code)
Alias Name: 36500010
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Order
Completed Date: 09/02/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/21/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Unilateral Order (I/SE, RAO, CAO, EPA AO)
Completed Date: 04/11/2003
Comments: DTSC issued an order to Mr. and Mrs. James and Frieda Collins (Property Owners) and to Mr. and Mrs. David and Marie Davis (Operators). Order was to investigate the contamination at site and conduct remedial action.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: * Discovery
Completed Date: 04/15/1983
Comments: FACILITY IDENTIFIED ID VIA DMI LIST

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Remedial Investigation Report
Completed Date: 06/30/2005
Comments: A Site Characterization was completed.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 04/25/1995
Comments: PRELIM ASSESS CONE. EPA RECOMMENDATION: SSI (MED) PENDING RESULTS OF CHP INVESTIGATION. STATE RECOMMENDATION: SI (MED) BASED. NFA FOR DTSC. Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Assessment Report
Completed Date: 06/30/1988
Comments: ENFORCEMENT(OTHER) ENFORCEMENT ONGOING. D&M CURRENTLY UNDER INVESTIGATION BY CHP AND CO HEALTH FOR ILLEGAL TRANSPORTATION, TREATMENT, STROAGE AND DISPOSAL. PRELIM ASSESS DONE EPA RECOMMENDATION: SSI (MED) PENDING RESULTS OF CHP INVESTIGATION. STATE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

D & M DRUM CO (Continued)

S105838318

RECOMMENDATION: SI (MED) BASED ON EVIDENCE OF POTENTIAL RELEASES OF HAZARDOUS WASTES AND GROUND WATER CONTAMINATION.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening
Completed Date: 03/10/1987
Comments: SITE SCREENING DONE FURTHER RECORD SEARCH NEEDED.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Workplan
Completed Date: 10/02/2007
Comments: DTSC issued an approval letter for the work plan.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 07/23/2007
Comments: Contract to conduct a supplemental site investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Technical Workplan
Completed Date: 03/01/2007
Comments: Work plan for supplemental site investigation.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 08/06/2007
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Characterization Report
Completed Date: 04/16/2008
Comments: DTSC sent letter on April 16, 2008, stating that the SSI report had been approved as revised.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: *Correspondence - Received
Completed Date: 02/08/2008
Comments: The new property owner sent a copy of a check for \$50,000 that she had paid to DTSC as partial payment for what the Site owes DTSC.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Workplan
Completed Date: 07/23/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Risk Assessment Report
Completed Date: 02/09/2010

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

D & M DRUM CO (Continued)

S105838318

Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction Monitoring Report
Completed Date: 03/07/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction - Site Inspection/Visit
Completed Date: 01/08/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Lien Satisfaction
Completed Date: 10/23/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/29/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Land Use Restriction
Completed Date: 08/06/2014
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 02/21/2008
Comments: A Stop Work Order letter was issued to the contractor, Geomatrix, ordering the contractor to stop work on Tasks 7 and 9 on the Work Order for this site. Contractor will continue to complete the Supplemental Site Investigation until the Report is approved.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Certification
Completed Date: 01/12/2015
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 08/26/2003
Comments: The Notice of Final Determination of Non-Compliance with a previously issued Imminent and Substantial Endangerment Determination and Remedial Action Order was issued on August 26, 2003.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

D & M DRUM CO (Continued)

S105838318

Completed Document Type: Lien
Completed Date: 03/06/2008
Comments: Lien was issued on March 6, 2008.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/25/2009
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 10/29/2010
Comments: Letter sent on 10/29/2010.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Final Determination of Non-Compliance
Completed Date: 04/25/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Proposed Determination of non-compliance
Completed Date: 02/23/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/01/2011
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 11/29/2012
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Consent Settlement - Administrative
Completed Date: 09/12/2014
Comments: Received check of \$300,000 on September 12, 2014 as payment from property owner.

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Annual Oversight Cost Estimate
Completed Date: 12/02/2013
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

D & M DRUM CO (Continued)

S105838318

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

18

**D & M DRUM CO
137 LILAC AVENUE
RIALTO, CA 92376**

**LIENS S109035044
N/A**

LIENS:

Envirostor Id: 36500010
Latitude: 34.098668
Longitude: -117.37873
Project Mgr: JOSEPH CULLY
Project Code: 401078, 401703
If Satisfied: YES
Date Satisfied: 10/23/2014
Site Status: CERTIFIED O&M - LAND USE RESTRICTIONS ONLY
Site Type: STATE RESPONSE OR NPL
Completed: 03/06/2008
Lien Amount: \$213,674.03
Amount Remaining: Not reported
Description: D & M Drum Company operated a drum recycling business from 1980 to 1989. The San Bernardino County Department of Environmental Health (SBCDEH) conducted annual facility inspections during this period. In 1991 SBCDEH issued an order to the owner for corrective action. The site was referred to DTSC in 1995 by SBCDEH for further action. The latest supplemental site investigation showed that this site meets the acceptable risk for industrial and commercial activities. A land use covenant will be issued which will prevent this site from being used for residential purposes.

18

**137 S LILAC AVE
RIALTO, CA 92376**

**EDR Hist Auto 1015215147
N/A**

EDR Historical Auto Stations:

Name: NO PROBLEM AUTO REPAIR
Year: 2003
Address: 137 S LILAC AVE

18

**D&M DRUM CO
137 S LILAC AVE
RIALTO, CA 92376**

**SEMS-ARCHIVE 1000122794
ECHO CAT080010432**

SEMS-ARCHIVE:

Site ID: 903129
EPA ID: CAT080010432
Federal Facility: N
NPL: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID: 0903129

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

D&M DRUM CO (Continued)

1000122794

Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID: 13286523.00000
Person ID: 13003854.00000

Contact Sequence ID: 13292118.00000
Person ID: 13003858.00000

Contact Sequence ID: 13297976.00000
Person ID: 13004003.00000

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: / /
Date Completed: 12/01/87
Priority Level: Not reported

Action: SITE INSPECTION
Date Started: 05/13/93
Date Completed: 05/05/95
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 01/23/96
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 12/29/88
Priority Level: Low priority for further assessment

ECHO:

Envid: 1000122794
Registry ID: 110002945118
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002945118

18

SALES UNLIMITED
491 RIALTO AVE.
RIALTO, CA 92376

SEMS 1010782140
CAN000908372

SEMS:

Site ID: 908372
EPA ID: CAN000908372
Federal Facility: N
NPL: Not on the NPL
Non NPL Status: Other Cleanup Activity: State-Lead Cleanup

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID: 0908372
EPA ID: CAN000908372
Facility County: SAN BERNARDINO
Short Name: SALES UNLIMITED

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SALES UNLIMITED (Continued)

1010782140

Congressional District: Not reported
 IFMS ID: Not reported
 SMSA Number: Not reported
 USGC Hydro Unit: Not reported
 Federal Facility: Not a Federal Facility
 DMNSN Number: 0.00000
 Site Orphan Flag: Not reported
 RCRA ID: Not reported
 USGS Quadrangle: Not reported
 Site Init By Prog: S
 NFRAP Flag: Not reported
 Parent ID: Not reported
 RST Code: Not reported
 EPA Region: 09
 Classification: Not reported
 Site Settings Code: Not reported
 NPL Status: Not on the NPL
 DMNSN Unit Code: Not reported
 RBRAC Code: Not reported
 RResp Fed Agency Code: Not reported
 Non NPL Status: Other Cleanup Activity: State-Lead Cleanup
 Non NPL Status Date: 02/07/08
 Site Fips Code: 06071
 CC Concurrence Date: / /
 CC Concurrence FY: Not reported
 Alias EPA ID: Not reported
 Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 13003854.00000
 Contact Name: Leslie Ramirez
 Contact Tel: (415) 972-3978
 Contact Title: Site Assessment Manager (SAM)
 Contact Email: Not reported

Contact ID: 13003858.00000
 Contact Name: Sharon Murray
 Contact Tel: (415) 972-4250
 Contact Title: Site Assessment Manager (SAM)
 Contact Email: Not reported

Contact ID: 13004003.00000
 Contact Name: Carl Brickner
 Contact Tel: Not reported
 Contact Title: Site Assessment Manager (SAM)
 Contact Email: Not reported

Alias Comments: Not reported
 Site Description: This is a site the DTSC CYPRESS is working on as of 2/08.

MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		
Distance (ft.)	Site	Database(s) EPA ID Number

18	JACK FALLUCCA PAINT&BODY	HAZNET	S113001357
	421 W RIALTO AVE		N/A
	RIALTO, CA 92376		

HAZNET:

envid: S113001357
 Year: 1995
 GEPAID: CAD064456205
 Contact: Not reported
 Telephone: 0000000000
 Mailing Name: Not reported
 Mailing Address: 421 W. RIALTO AVE.
 Mailing City,St,Zip: RIALTO, CA 923760000
 Gen County: Not reported
 TSD EPA ID: CAD050099696
 TSD County: Not reported
 Waste Category: Aqueous solution with total organic residues less than 10 percent
 Disposal Method: Recycler
 Tons: .6880
 Cat Decode: Aqueous solution with total organic residues less than 10 percent
 Method Decode: Recycler
 Facility County: San Bernardino

envid: S113001357
 Year: 1994
 GEPAID: CAD064456205
 Contact: Not reported
 Telephone: 0000000000
 Mailing Name: Not reported
 Mailing Address: 421 W. RIALTO AVE.
 Mailing City,St,Zip: RIALTO, CA 923760000
 Gen County: Not reported
 TSD EPA ID: CAD008252405
 TSD County: Not reported
 Waste Category: Paint sludge
 Disposal Method: Treatment, Incineration
 Tons: .0750
 Cat Decode: Paint sludge
 Method Decode: Treatment, Incineration
 Facility County: San Bernardino

envid: S113001357
 Year: 1994
 GEPAID: CAD064456205
 Contact: Not reported
 Telephone: 0000000000
 Mailing Name: Not reported
 Mailing Address: 421 W. RIALTO AVE.
 Mailing City,St,Zip: RIALTO, CA 923760000
 Gen County: Not reported
 TSD EPA ID: CAD050099696
 TSD County: Not reported
 Waste Category: Aqueous solution with total organic residues less than 10 percent
 Disposal Method: Recycler
 Tons: .2293
 Cat Decode: Aqueous solution with total organic residues less than 10 percent
 Method Decode: Recycler
 Facility County: San Bernardino

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

JACK FALLUCCA PAINT&BODY (Continued)

S113001357

envid: S113001357
Year: 1993
GEPAID: CAD064456205
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 421 W. RIALTO AVE.
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Recycler
Tons: 0.74609999999
Cat Decode: Unspecified solvent mixture
Method Decode: Recycler
Facility County: San Bernardino

envid: S113001357
Year: 1993
GEPAID: CAD064456205
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 421 W. RIALTO AVE.
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Not reported
Tons: 0.15840000000
Cat Decode: Unspecified solvent mixture
Method Decode: Not reported
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
3 additional CA_HAZNET: record(s) in the EDR Site Report.

18

CALIBER COLLISION CENTERS
421 W RIALTO AVE
RIALTO, CA 92376

HAZNET S113174308
N/A

HAZNET:

envid: S113174308
Year: 2003
GEPAID: CAR000044107
Contact: K FREY/MGR REGULATORY & LEGAL
Telephone: 9492240300
Mailing Name: Not reported
Mailing Address: 17771 COWAN AVE STE 100
Mailing City,St,Zip: IRVINE, CA 926146009
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: 0.21

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CALIBER COLLISION CENTERS (Continued)

S113174308

Cat Decode: Aqueous solution with total organic residues 10 percent or more
Method Decode: Recycler
Facility County: San Bernardino

envid: S113174308
Year: 2003
GEPaid: CAR000044107
Contact: K FREY/MGR REGULATORY & LEGAL
Telephone: 9492240300
Mailing Name: Not reported
Mailing Address: 17771 COWAN AVE STE 100
Mailing City,St,Zip: IRVINE, CA 926146009
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.15
Cat Decode: Other organic solids
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113174308
Year: 2002
GEPaid: CAR000044107
Contact: K FREY/MGR REGULATORY & LEGAL
Telephone: 9492240300
Mailing Name: Not reported
Mailing Address: 17771 COWAN AVE STE 100
Mailing City,St,Zip: IRVINE, CA 926146009
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Recycler
Tons: 0.01
Cat Decode: Unspecified solvent mixture
Method Decode: Recycler
Facility County: San Bernardino

envid: S113174308
Year: 2002
GEPaid: CAR000044107
Contact: K FREY/MGR REGULATORY & LEGAL
Telephone: 9492240300
Mailing Name: Not reported
Mailing Address: 17771 COWAN AVE STE 100
Mailing City,St,Zip: IRVINE, CA 926146009
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Recycler
Tons: 0.98
Cat Decode: Aqueous solution with total organic residues 10 percent or more
Method Decode: Recycler
Facility County: San Bernardino

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CALIBER COLLISION CENTERS (Continued)

S113174308

envid: S113174308
Year: 2002
GEPaid: CAR000044107
Contact: K FREY/MGR REGULATORY & LEGAL
Telephone: 9492240300
Mailing Name: Not reported
Mailing Address: 17771 COWAN AVE STE 100
Mailing City,St,Zip: IRVINE, CA 926146009
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 0.15
Cat Decode: Other organic solids
Method Decode: Transfer Station
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
1 additional CA_HAZNET: record(s) in the EDR Site Report.

18

**CALIBER BODYWORKS INC DBA CALIBER COLLISION CENTERS
421 WEST RIALTO AVE
RIALTO, CA 92376**

**HAZNET S113124518
N/A**

HAZNET:

envid: S113124518
Year: 2014
GEPaid: CAL000265317
Contact: SHARON LAWRENCE
Telephone: 4699489630
Mailing Name: Not reported
Mailing Address: 401 E. CORPORATE DR STE. 150
Mailing City,St,Zip: LEWISVILLE, TX 750570000
Gen County: San Bernardino
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.22935
Cat Decode: Aqueous solution with total organic residues 10 percent or more
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: San Bernardino

envid: S113124518
Year: 2013
GEPaid: CAL000265317
Contact: Sharon Lawrence
Telephone: 4699489630
Mailing Name: Not reported
Mailing Address: 401 E. Corporate Dr Ste. 150
Mailing City,St,Zip: Lewisville, TX 750570000
Gen County: San Bernardino
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.076

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CALIBER BODYWORKS INC DBA CALIBER COLLISION CENTERS (Continued)

S113124518

Cat Decode: Not reported
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Not reported

envid: S113124518
Year: 2013
GEPAID: CAL000265317
Contact: Sharon Lawrence
Telephone: 4699489630
Mailing Name: Not reported
Mailing Address: 401 E. Corporate Dr Ste. 150
Mailing City,St,Zip: Lewisville, TX 750570000
Gen County: San Bernardino
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Not reported

envid: S113124518
Year: 2013
GEPAID: CAL000265317
Contact: Sharon Lawrence
Telephone: 4699489630
Mailing Name: Not reported
Mailing Address: 401 E. Corporate Dr Ste. 150
Mailing City,St,Zip: Lewisville, TX 750570000
Gen County: San Bernardino
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.27105
Cat Decode: Not reported
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Not reported

envid: S113124518
Year: 2012
GEPAID: CAL000265317
Contact: KATHY FREY
Telephone: 9497685464
Mailing Name: Not reported
Mailing Address: 7 OLDFIELD
Mailing City,St,Zip: IRVINE, CA 926180000
Gen County: San Bernardino
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.4587
Cat Decode: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CALIBER BODYWORKS INC DBA CALIBER COLLISION CENTERS (Continued)

S113124518

Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
27 additional CA_HAZNET: record(s) in the EDR Site Report.

18

EDR Hist Auto 1015487038
N/A

**421 W RIALTO AVE
RIALTO, CA 92376**

EDR Historical Auto Stations:

Name: CALIBER COLLISION CENTERS
Year: 2000
Address: 421 W RIALTO AVE

Name: CALIBER COLLISION CENTERS
Year: 2001
Address: 421 W RIALTO AVE

Name: CALIBER COLLISION CENTERS
Year: 2002
Address: 421 W RIALTO AVE

Name: CALBIER COLLISION CTR INC
Year: 2003
Address: 421 W RIALTO AVE

Name: CALBIER COLLISION CTR INC
Year: 2004
Address: 421 W RIALTO AVE

Name: CALBIER COLLISION CENTER INC
Year: 2005
Address: 421 W RIALTO AVE

Name: CALIBER COLLISION CENTERS
Year: 2009
Address: 421 W RIALTO AVE

Name: CALIBER COLLISION CTR
Year: 2010
Address: 421 W RIALTO AVE

Name: CALIBER COLLISION CENTERS
Year: 2011
Address: 421 W RIALTO AVE

Name: CALIBER COLLISION CENTERS
Year: 2012
Address: 421 W RIALTO AVE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
EPA ID Number

Database(s)

18 JACK FALLUCCA'S PAINT & BODY
421 WEST RIALTO AVE
RIALTO, CA 92376

HAZNET S113037283
N/A

HAZNET:
envid: S113037283
Year: 1997
GEPID: CAL000039253
Contact: FALLUCCA JACK
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 421 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 923765844
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Unspecified aqueous solution
Disposal Method: Not reported
Tons: 2.2935
Cat Decode: Unspecified aqueous solution
Method Decode: Not reported
Facility County: San Bernardino

18 SALES UNLIMITED INC
491 W RIALTO AVE
RIALTO, CA 92376

CA FID UST S101591576
SWEEPS UST N/A
ENVIROSTOR

CA FID UST:
Facility ID: 36008438
Regulated By: UTKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: RIALTO 92376
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:
Status: Active
Comp Number: 8417
Number: 1
Board Of Equalization: 44-020059
Referral Date: 03-24-92
Action Date: 03-24-92
Created Date: 09-16-88
Owner Tank Id: Not reported
SWRCB Tank Id: Not reported
Tank Status: Not reported
Capacity: Not reported
Active Date: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SALES UNLIMITED INC (Continued)

S101591576

Tank Use: Not reported
STG: Not reported
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 8417
Number: Not reported
Board Of Equalization: 44-020059
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-008417-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: EMPTY
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: 1

ENVIROSTOR:

Facility ID: 60000814
Status: No Action Required
Status Date: 08/28/2006
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0.55
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Joseph Cully
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress
Assembly: 47
Senate: 20
Special Program: EPA - PASI
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: EPA Grant
Latitude: 34.09916
Longitude: -117.3787
APN: NONE SPECIFIED
Past Use: MAINTENANCE / CLEANING, OIL/WATER SEPARATORS, UNKNOWN, VEHICLE MAINTENANCE

Potential COC: Tetrachloroethylene (PCE
Confirmed COC: Tetrachloroethylene (PCE
Potential Description: SV
Alias Name: 60000814
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Site Screening

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SALES UNLIMITED INC (Continued)

S101591576

Completed Date: 02/19/2008
Comments: Site Screening Assessment Report approved by EPA.

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

18

**ARCO #5305
484 RIALTO
RIALTO, CA 92376**

**HIST CORTESE S105025783
N/A**

HIST CORTESE:
Region: CORTESE
Facility County Code: 36
Reg By: LTNKA
Reg Id: 083603438T

18

**436 WEST RIALTO BLVD
RIALTO, CA 92376**

**CHMIRS S118190669
N/A**

CHMIRS:
OES Incident Number: 15-5311
OES notification: 09/09/2015
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S118190669

Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	Unknown
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	RAILROAD DERAILMENT
Measure:	N/A
Other:	Not reported
Date/Time:	2045
Year:	2015
Agency:	UPRR
Incident Date:	09/09/2015
Admin Agency:	San Bernardino County Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Rail Cars
Quantity Released:	2
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	RP states, "Two Rail Cars, TTZX867066, and, WC22110, loaded with lumber derailed upright in Orange County Lumber Yard."

18

ORANGE COUNTY LUMBER CO
436 W RIALTO AVE
RIALTO, CA 92376

HAZNET S113119632
N/A

HAZNET:
envid: S113119632
Year: 2009
GEPAID: CAL000252725
Contact: COLEEN BERLIN, CONTROLLER
Telephone: 9094211244
Mailing Name: Not reported
Mailing Address: 436 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 92376
Gen County: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ORANGE COUNTY LUMBER CO (Continued)

S113119632

TSD EPA ID: AZR000504332
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Not reported
Tons: 1.615
Cat Decode: Waste oil and mixed oil
Method Decode: Not reported
Facility County: San Bernardino

18

WESTERN AMERICAN FOREST PRODUC
436 W RIALTO AVE
RIALTO, CA 92376

CA FID UST S101629414
SWEEPS UST N/A

CA FID UST:

Facility ID: 36008206
Regulated By: UTKNI
Regulated ID: 00014391
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 436 W RIALTO AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: RIALTO 92376
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Inactive

SWEEPS UST:

Status: Not reported
Comp Number: 14391
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: 36-000-014391-000001
Tank Status: Not reported
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: 3

Status: Not reported
Comp Number: 14391
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WESTERN AMERICAN FOREST PRODUC (Continued)

S101629414

Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-014391-000002
Tank Status: Not reported
Capacity: 5000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: LEADED
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 14391
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: 36-000-014391-000003
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: Not reported

18

WESTERN AMERICAN FOREST PRODUC
436 W RIALTO AVE
RIALTO, CA 92376

HIST UST U001575572
N/A

HIST UST:

File Number: 0002AA50
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002AA50.pdf>
Region: STATE
Facility ID: 00000014391
Facility Type: Other
Other Type: LUMBER WHOLESALER
Contact Name: WENDELL LAWSON - VICE PRES.
Telephone: 7148751550
Owner Name: WESTERN AMERICAN FOREST PRODUC
Owner Address: 2169 FRANCISCO BLVD. #B
Owner City,St,Zip: SAN RAFAEL, CA 94901
Total Tanks: 0003

Tank Num: 001
Container Num: 3
Year Installed: Not reported
Tank Capacity: 00005000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 2
Year Installed: Not reported
Tank Capacity: 00005000

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WESTERN AMERICAN FOREST PRODUC (Continued)

U001575572

Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 1
Year Installed: Not reported
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

**18 METRO BANK
130 NORTH LILAC AVENUE
RIALTO, CA 92376**

**HAZNET S112839962
N/A**

HAZNET:
envid: S112839962
Year: 1994
GEPAID: CAC000718920
Contact: EIJI YAMANISHI
Telephone: 3105169700
Mailing Name: Not reported
Mailing Address: 191191 SOUTH VERMNOT AVENUE
Mailing City,St,Zip: TORRANCE, CA 905020000
Gen County: Not reported
TSD EPA ID: CAD009007626
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 2.5284
Cat Decode: Asbestos containing waste
Method Decode: Disposal, Land Fill
Facility County: San Bernardino

**19 TRI-STAR FAMILY DENTAL CENTER
106 N EUCALYPTUS AVENUE
RIALTO, CA 92376**

**HAZNET S113118926
N/A**

HAZNET:
envid: S113118926
Year: 2009
GEPAID: CAL000250753
Contact: ESTHER ECHEVERRIA/OFF MGR
Telephone: 9098751299
Mailing Name: Not reported
Mailing Address: 106 N EUCALYPTUS AVE
Mailing City,St,Zip: RIALTO, CA 923766102
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Liquids with chromium (VI) >= 500 Mg./L

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TRI-STAR FAMILY DENTAL CENTER (Continued)

S113118926

Disposal Method: Not reported
Tons: Not reported
Cat Decode: Liquids with chromium (VI) >= 500 Mg./L
Method Decode: Not reported
Facility County: San Bernardino

envid: S113118926
Year: 2009
GEPAID: CAL000250753
Contact: ESTHER ECHEVERRIA/OFF MGR
Telephone: 9098751299
Mailing Name: Not reported
Mailing Address: 106 N EUCALYPTUS AVE
Mailing City,St,Zip: RIALTO, CA 923766102
Gen County: Not reported
TSD EPA ID: CAD044429835
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Not reported
Tons: Not reported
Cat Decode: Unspecified oil-containing waste
Method Decode: Not reported
Facility County: San Bernardino

envid: S113118926
Year: 2009
GEPAID: CAL000250753
Contact: ESTHER ECHEVERRIA/OFF MGR
Telephone: 9098751299
Mailing Name: Not reported
Mailing Address: 106 N EUCALYPTUS AVE
Mailing City,St,Zip: RIALTO, CA 923766102
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Unspecified aqueous solution
Disposal Method: Not reported
Tons: Not reported
Cat Decode: Unspecified aqueous solution
Method Decode: Not reported
Facility County: San Bernardino

envid: S113118926
Year: 2009
GEPAID: CAL000250753
Contact: ESTHER ECHEVERRIA/OFF MGR
Telephone: 9098751299
Mailing Name: Not reported
Mailing Address: 106 N EUCALYPTUS AVE
Mailing City,St,Zip: RIALTO, CA 923766102
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.017
Cat Decode: Unspecified organic liquid mixture

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TRI-STAR FAMILY DENTAL CENTER (Continued)

S113118926

Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: San Bernardino

envid: S113118926
Year: 2009
GEPaid: CAL000250753
Contact: ESTHER ECHEVERRIA/OFF MGR
Telephone: 9098751299
Mailing Name: Not reported
Mailing Address: 106 N EUCALYPTUS AVE
Mailing City,St,Zip: RIALTO, CA 923766102
Gen County: Not reported
TSD EPA ID: CAD044429835
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Not reported
Tons: Not reported
Cat Decode: Unspecified organic liquid mixture
Method Decode: Not reported
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
10 additional CA_HAZNET: record(s) in the EDR Site Report.

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**TRI-STAR FAMILY DENTAL CENTER
106 N EUCALYPTUS AVENUE
RIALTO, CA 92376**

**HAZNET S113082302
N/A**

HAZNET:

envid: S113082302
Year: 2002
GEPaid: CAL000152008
Contact: JOY ANN BROWN
Telephone: 9098751299
Mailing Name: Not reported
Mailing Address: 106 N EUCALYPTUS AVE
Mailing City,St,Zip: RIALTO, CA 923766102
Gen County: Not reported
TSD EPA ID: CAL000212588
TSD County: Not reported
Waste Category: Unspecified aqueous solution
Disposal Method: Not reported
Tons: 0.02
Cat Decode: Unspecified aqueous solution
Method Decode: Not reported
Facility County: San Bernardino

envid: S113082302
Year: 2001
GEPaid: CAL000152008
Contact: JOY ANN BROWN
Telephone: 9098751299
Mailing Name: Not reported
Mailing Address: 106 N EUCALYPTUS AVE
Mailing City,St,Zip: RIALTO, CA 923766102
Gen County: Not reported
TSD EPA ID: CAL000212588
TSD County: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TRI-STAR FAMILY DENTAL CENTER (Continued)

S113082302

Waste Category:	Other inorganic solid waste
Disposal Method:	Not reported
Tons:	0
Cat Decode:	Other inorganic solid waste
Method Decode:	Not reported
Facility County:	San Bernardino
envid:	S113082302
Year:	2001
GEPAID:	CAL000152008
Contact:	JOY ANN BROWN
Telephone:	9098751299
Mailing Name:	Not reported
Mailing Address:	106 N EUCALYPTUS AVE
Mailing City,St,Zip:	RIALTO, CA 923766102
Gen County:	Not reported
TSD EPA ID:	CAD028409019
TSD County:	Not reported
Waste Category:	Unspecified aqueous solution
Disposal Method:	Treatment, Tank
Tons:	0.02
Cat Decode:	Unspecified aqueous solution
Method Decode:	Treatment, Tank
Facility County:	San Bernardino
envid:	S113082302
Year:	2001
GEPAID:	CAL000152008
Contact:	JOY ANN BROWN
Telephone:	9098751299
Mailing Name:	Not reported
Mailing Address:	106 N EUCALYPTUS AVE
Mailing City,St,Zip:	RIALTO, CA 923766102
Gen County:	Not reported
TSD EPA ID:	CAL000212588
TSD County:	Not reported
Waste Category:	Unspecified aqueous solution
Disposal Method:	Not reported
Tons:	0.02
Cat Decode:	Unspecified aqueous solution
Method Decode:	Not reported
Facility County:	San Bernardino
envid:	S113082302
Year:	2000
GEPAID:	CAL000152008
Contact:	JOY ANN BROWN
Telephone:	9098751299
Mailing Name:	Not reported
Mailing Address:	106 N EUCALYPTUS AVE
Mailing City,St,Zip:	RIALTO, CA 923766102
Gen County:	Not reported
TSD EPA ID:	CAD093459485
TSD County:	Not reported
Waste Category:	Photochemicals/photoprocessing waste
Disposal Method:	Recycler
Tons:	0.06

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TRI-STAR FAMILY DENTAL CENTER (Continued)

S113082302

Cat Decode: Photochemicals/photoprocessing waste
Method Decode: Recycler
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
6 additional CA_HAZNET: record(s) in the EDR Site Report.

20

EDR Hist Auto 1015352420
N/A

**239 S ORANGE AVE
RIALTO, CA 92376**

EDR Historical Auto Stations:

Name: J & K AUTO BODY & TOWING
Year: 2010
Address: 239 S ORANGE AVE

20

HAZNET S113008667
N/A

**MJB CHROME PLATING & POLISHING
236 S RIVERSIDE AVE
RIALTO, CA 92376**

HAZNET:

envid: S113008667
Year: 2013
GEPAID: CAD981642911
Contact: WILLIAM FELTS OWNER
Telephone: 9098751910
Mailing Name: Not reported
Mailing Address: 236 S RIVERSIDE AVE
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: San Bernardino
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To
Include On-Site Treatment And/Or Stabilization)
Tons: 0.2
Cat Decode: Not reported
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To
Include On-Site Treatment And/Or Stabilization)
Facility County: Not reported

envid: S113008667
Year: 2013
GEPAID: CAD981642911
Contact: WILLIAM FELTS OWNER
Telephone: 9098751910
Mailing Name: Not reported
Mailing Address: 236 S RIVERSIDE AVE
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: San Bernardino
TSD EPA ID: NVT330010000
TSD County: 99
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To
Include On-Site Treatment And/Or Stabilization)
Tons: 0.175

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MJB CHROME PLATING & POLISHING (Continued)

S113008667

Cat Decode: Not reported
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: Not reported

envid: S113008667
Year: 2011
GEPAID: CAD981642911
Contact: WILLIAM FELTS
Telephone: 9098751910
Mailing Name: Not reported
Mailing Address: 236 S RIVERSIDE AVE
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAD008488025
TSD County: Not reported
Waste Category: Liquids with pH <= 2 with metals
Disposal Method: Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Tons: 2.2935
Cat Decode: Liquids with pH <= 2 with metals
Method Decode: Metals Recovery Including Retoring,Smelting,Chemicals,Ect
Facility County: San Bernardino

envid: S113008667
Year: 2007
GEPAID: CAD981642911
Contact: WILLIAM FELTS
Telephone: 9098751910
Mailing Name: Not reported
Mailing Address: 236 S RIVERSIDE AVE
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: ARD981057870
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.2
Cat Decode: Other organic solids
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: San Bernardino

envid: S113008667
Year: 2007
GEPAID: CAD981642911
Contact: WILLIAM FELTS
Telephone: 9098751910
Mailing Name: Not reported
Mailing Address: 236 S RIVERSIDE AVE
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: ARD981057870
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.65
Cat Decode: Other organic solids

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MJB CHROME PLATING & POLISHING (Continued)

S113008667

Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)

Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
15 additional CA_HAZNET: record(s) in the EDR Site Report.

20

**MJB CHROME PLATING & POLISHING
236 SOUTH RIVERSIDE AVE
RIALTO, CA 92376**

**RCRA-SQG 1010312976
CAD981642911**

RCRA-SQG:

Date form received by agency: 03/27/2006

Facility name: MJB CHROME PLATING & POLISHING

Facility address: 236 SOUTH RIVERSIDE AVE
RIALTO, CA 92376

EPA ID: CAD981642911

Contact: WILLIAM B FELTS

Contact address: Not reported
Not reported

Contact country: US

Contact telephone: (909) 875-1910

Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: WILLIAM B. FELTS
Owner/operator address: 236 SOUTH RIVERSIDE AVE
RIALTO, CA 92376

Owner/operator country: US

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: 05/01/1972

Owner/Op end date: Not reported

Owner/operator name: WMB FELTS

Owner/operator address: Not reported
Not reported

Owner/operator country: US

Owner/operator telephone: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: 05/01/1972

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Mixed waste (haz. and radioactive): No

Recycler of hazardous waste: No

Transporter of hazardous waste: No

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MJB CHROME PLATING & POLISHING (Continued)

1010312976

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D007
. Waste name: CHROMIUM

Violation Status: No violations found

20

225 S ORANGE AVE
RIALTO, CA 92376

EDR Hist Auto 1015339982
N/A

EDR Historical Auto Stations:

Name: RAY T SONS AUTO RPR & TRNSM
Year: 2005
Address: 225 S ORANGE AVE

Name: RAY & SONS AUTO REPAIR & TRANSMISSIO
Year: 2009
Address: 225 S ORANGE AVE

20

219 S. RIVERSIDE AVE.
RIALTO, CA

CHMIRS S116779629
N/A

CHMIRS:

OES Incident Number: 4-3169
OES notification: 06/04/2014
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S116779629

Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Other
Cleanup By:	No
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1820
Year:	2014
Agency:	So. CA Edison
Incident Date:	6/4/2014
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Unknown PCB Mineral Oil
Quantity Released:	1.5
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	Mechanical
Fatals:	No
Comments:	Not reported
Description:	This release is from the pressure release valve due to over heating on an over head transformer.

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
EPA ID Number

Database(s)

20
WILSON J J AUTO
208 S RIVERSIDE AVE
RIALTO, CA 91730
EDR Hist Auto
1014177240
N/A

EDR Historical Auto Stations:

Name:
MOORE FOSTER AUTO REPR
Year:
1930
Type:
AUTOMOBILE REPAIRING

Name:
WILSON J J AUTO
Year:
1936
Type:
AUTOMOBILE REPAIRING

20
HARTER E E GAS
200 S RIVERSIDE AVE
RIALTO, CA 91730
EDR Hist Auto
1014185579
N/A

EDR Historical Auto Stations:

Name:
SCHULTZ PHILIP GAS STA
Year:
1930
Type:
GASOLINE AND OIL SERVICE STATIONS

Name:
HARTER E E GAS
Year:
1936
Type:
GASOLINE AND OIL SERVICE STATIONS

20
135 W RIALTO AVE
RIALTO, CA 92376
EDR Hist Auto
1015212461
N/A

EDR Historical Auto Stations:

Name:
MIRA LOMA AUTO SERVICE
Year:
2006
Address:
135 W RIALTO AVE

Name:
MIRA LOMA AUTOSERVICE
Year:
2007
Address:
135 W RIALTO AVE

20
ARCO PETROLEUM PROD-COLTN
239S S RIVERSIDE AVE
RIALTO, CA 92376
UST
U003784553
N/A

UST:

Facility ID:
85003357
Permitting Agency:
SAN BERNARDINO COUNTY
Latitude:
34.09843
Longitude:
-117.37023

MAP FINDINGS

EPA ID Number

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MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ECONO LUBE & TUNE (Continued)

S113035104

Disposal Method: Not reported
Tons: 0.1
Cat Decode: Unspecified aqueous solution
Method Decode: Not reported
Facility County: San Bernardino

envid: S113035104
Year: 2005
GEPAID: CAL000034629
Contact: INACT, NEW BUS OWNER AS OF
Telephone: --
Mailing Name: Not reported
Mailing Address: 595 RIVERSIDE AVE
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: NVR000037432
TSD County: Not reported
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Tons: 0.14
Cat Decode: Unspecified aqueous solution
Method Decode: Recycler
Facility County: San Bernardino

envid: S113035104
Year: 2005
GEPAID: CAL000034629
Contact: INACT, NEW BUS OWNER AS OF
Telephone: --
Mailing Name: Not reported
Mailing Address: 595 RIVERSIDE AVE
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: NVR000037432
TSD County: Not reported
Waste Category: Not reported
Disposal Method: Recycler
Tons: Not reported
Cat Decode: Not reported
Method Decode: Recycler
Facility County: San Bernardino

envid: S113035104
Year: 2004
GEPAID: CAL000034629
Contact: INACT, NEW BUS OWNER AS OF
Telephone: --
Mailing Name: Not reported
Mailing Address: 595 RIVERSIDE AVE
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: NVR000037432
TSD County: Not reported
Waste Category: Unspecified aqueous solution
Disposal Method: Not reported
Tons: 0.29
Cat Decode: Unspecified aqueous solution

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ECONO LUBE & TUNE (Continued)

S113035104

Method Decode: Not reported
Facility County: San Bernardino

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8 additional CA_HAZNET: record(s) in the EDR Site Report.

20

**ECONO LUBE & TUNE
595 S RIVERSIDE AVE
RIALTO, CA 92376**

**HAZNET S113091573
N/A**

HAZNET:

envid: S113091573
Year: 1997
GEPAID: CAL000174077
Contact: WILLIAM BIEBER
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 595 S RIVERSIDE AVE
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAD981696420
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: .4586
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113091573
Year: 1996
GEPAID: CAL000174077
Contact: WILLIAM BIEBER
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 595 S RIVERSIDE AVE
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAD981696420
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: .2293
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Transfer Station
Facility County: San Bernardino

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

20

**595 S RIVERSIDE AVE
RIALTO, CA 92376**

**EDR Hist Auto 1015564940
N/A**

EDR Historical Auto Stations:

Name:	ECONO LUBE N TUNE
Year:	2001
Address:	595 S RIVERSIDE AVE
Name:	ECONO LUBE N TUNE
Year:	2002
Address:	595 S RIVERSIDE AVE
Name:	ECONO LUBE N TUNE
Year:	2003
Address:	595 S RIVERSIDE AVE
Name:	ECONO LUBE N TUNE
Year:	2004
Address:	595 S RIVERSIDE AVE
Name:	ECONO LUBE N TUNE
Year:	2005
Address:	595 S RIVERSIDE AVE
Name:	ECONO LUBE N TUNE
Year:	2006
Address:	595 S RIVERSIDE AVE
Name:	ECONO LUBE N TUNE
Year:	2007
Address:	595 S RIVERSIDE AVE
Name:	ECONO LUBE N TUNE & BRAKES
Year:	2008
Address:	595 S RIVERSIDE AVE
Name:	ECONO LUBE N TUNE
Year:	2009
Address:	595 S RIVERSIDE AVE
Name:	ECONO LUBE N TUNE
Year:	2010
Address:	595 S RIVERSIDE AVE
Name:	ECONO LUBE N TUNE
Year:	2011
Address:	595 S RIVERSIDE AVE
Name:	ECONO LUBE N TUNE
Year:	2012
Address:	595 S RIVERSIDE AVE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

**20 ECON O LUBE & TUNE
595 S RIVERSIDE DR
RIALTO, CA 92376**

**CA FID UST S101591377
SWEEPS UST N/A**

CA FID UST:

Facility ID: 36005782
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: 595 S RIVERSIDE DR
Mailing Address 2: Not reported
Mailing City,St,Zip: RIALTO 92376
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:

Status: Active
Comp Number: 8408
Number: 9
Board Of Equalization: 44-020056
Referral Date: 03-24-92
Action Date: 03-24-92
Created Date: 09-06-88
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-008408-000001
Tank Status: A
Capacity: 1
Active Date: 09-06-88
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: 1

**20 BIGGERSTAFF E S
110 RIALTO AVE E
RIALTO, CA 91730**

**EDR Hist Auto 1014179443
N/A**

EDR Historical Auto Stations:

Name: BIGGERSTAFF E S
Year: 1942
Type: GASOLINE AND OIL SERVICE STATIONS

MAP FINDINGS

Map ID Direction Distance Distance (ft.)Site		Database(s)	EDR ID Number EPA ID Number
20	HARTER E E GA 200 RIVERSIDE AVE S RIALTO, CA 91730 EDR Historical Auto Stations: Name: HARTER E E GA Year: 1942 Type: GASOLINE AND OIL SERVICE STATIONS	EDR Hist Auto	1014161959 N/A
20	BUTLER C B GAS STA 110 E RIALTO AVE RIALTO, CA 91730 EDR Historical Auto Stations: Name: O K SERVICE STATION Year: 1930 Type: GASOLINE AND OIL SERVICE STATIONS Name: BUTLER C B GAS STA Year: 1936 Type: GASOLINE AND OIL SERVICE STATIONS	EDR Hist Auto	1014178634 N/A
20	RICHARD BURNETT PHOTOGRAPHY 140 W RIALTO AVE RIALTO, CA 92376 HAZNET: envid: S113039037 Year: 2001 GEPAID: CAL000043461 Contact: RICHARD BURNETT/OWNER Telephone: 9098757937 Mailing Name: Not reported Mailing Address: 140 W RIALTO AVE Mailing City,St,Zip: RIALTO, CA 923766410 Gen County: Not reported TSD EPA ID: CAD093459485 TSD County: Not reported Waste Category: Photochemicals/photoprocessing waste Disposal Method: Recycler Tons: 0.02 Cat Decode: Photochemicals/photoprocessing waste Method Decode: Recycler Facility County: San Bernardino envid: S113039037 Year: 1999 GEPAID: CAL000043461 Contact: RICHARD BURNETT Telephone: 9098759224 Mailing Name: Not reported Mailing Address: 140 W RIALTO AVE Mailing City,St,Zip: RIALTO, CA 923766410 Gen County: Not reported TSD EPA ID: CAT000613976 TSD County: Not reported Waste Category: Photochemicals/photoprocessing waste Disposal Method: Transfer Station	HAZNET	S113039037 N/A

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RICHARD BURNETT PHOTOGRAPHY (Continued)

S113039037

Tons: .0208
Cat Decode: Photochemicals/photoprocessing waste
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113039037
Year: 1997
GEPAID: CAL000043461
Contact: RICHARD BURNETT
Telephone: 9098759224
Mailing Name: Not reported
Mailing Address: 140 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 923766410
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Tons: .0208
Cat Decode: Photochemicals/photoprocessing waste
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113039037
Year: 1996
GEPAID: CAL000043461
Contact: RICHARD BURNETT
Telephone: 9098759224
Mailing Name: Not reported
Mailing Address: 140 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 923766410
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Tons: .0208
Cat Decode: Photochemicals/photoprocessing waste
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113039037
Year: 1995
GEPAID: CAL000043461
Contact: RICHARD BURNETT
Telephone: 9098759224
Mailing Name: Not reported
Mailing Address: 140 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 923766410
Gen County: Not reported
TSD EPA ID: CAT000613976
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Transfer Station
Tons: .0208
Cat Decode: Photochemicals/photoprocessing waste
Method Decode: Transfer Station

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RICHARD BURNETT PHOTOGRAPHY (Continued)

S113039037

Facility County: San Bernardino

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1 additional CA_HAZNET: record(s) in the EDR Site Report.

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**INTOWN PROPERTIES INC/HUD
140 S ORANGE AVE
RIALTO, CA 92376**

**HAZNET S112897139
N/A**

HAZNET:
envid: S112897139
Year: 1998
GEPAID: CAC002102904
Contact: HUD
Telephone: 7149577333
Mailing Name: Not reported
Mailing Address: 6850 BROCKTON AVE STE 215
Mailing City,St,Zip: RIVERSIDE, CA 925060000
Gen County: Not reported
TSD EPA ID: CAD000088252
TSD County: Not reported
Waste Category: Household waste
Disposal Method: Transfer Station
Tons: .0650
Cat Decode: Household waste
Method Decode: Transfer Station
Facility County: San Bernardino

20

**HUD
120 ORANGE AVE
RIALTO, CA 92376**

**HAZNET S112880517
N/A**

HAZNET:
envid: S112880517
Year: 1997
GEPAID: CAC001301608
Contact: HUD
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 7365 CARNELIAN STE 105
Mailing City,St,Zip: RANCHO CUCAMONGA, CA 917300000
Gen County: Not reported
TSD EPA ID: CAD000088252
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: .0041
Cat Decode: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Decode: Transfer Station
Facility County: San Bernardino

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

21

**2744 WEST RIALTO AVENUE
SAN BERNARDINO, CA 92376**

**CHMIRS S117332237
N/A**

CHMIRS:

OES Incident Number:	4-5990
OES notification:	10/21/2014
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	Not reported
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Yes
Waterway:	Storm Drain
Spill Site:	Road
Cleanup By:	No
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	SEWAGE
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1445
Year:	2014
Agency:	City of San Bernardino
Incident Date:	10/21/2014
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes
Site Type:	Storm Drain
E Date:	Not reported
Substance:	Sewage
Quantity Released:	50
Unknown:	Not reported
Substance #2:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S117332237

Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	Overflow
Fatals:	No
Comments:	Not reported
Description:	Caller states a sewage came up out of a manhole because of a grease stoppage. The overflow went into the street, gutter and into a nearby storm drain. A complete has been completed and 25 gallons of sewage was recovered. Storm drain leads to a "V" ditch. No waterways were impacted.

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TEXACO SERVICE STATION
105 S PEPPER AVE
SAN BERNARDINO, CA 92376

HIST UST **U001575565**
N/A

HIST UST:

File Number:	0002A1E7
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002A1E7.pdf
Region:	STATE
Facility ID:	00000013448
Facility Type:	Gas Station
Other Type:	Not reported
Contact Name:	R. FORNASH
Telephone:	7148853411
Owner Name:	M.A.P. OIL CO. INC., DBA AMEND
Owner Address:	1405 W. RIALTO AVENUE
Owner City,St,Zip:	SAN BERNANRDINO, CA 92410
Total Tanks:	0025

Tank Num:	001
Container Num:	K
Year Installed:	1972
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor

Tank Num:	002
Container Num:	L
Year Installed:	1972
Tank Capacity:	00008000
Tank Used for:	PRODUCT
Type of Fuel:	REGULAR
Container Construction Thickness:	1/4
Leak Detection:	Stock Inventor

Tank Num:	003
-----------	-----

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TEXACO SERVICE STATION (Continued)

U001575565

Container Num: M
Year Installed: 1972
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 004
Container Num: W
Year Installed: 1956
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 005
Container Num: X
Year Installed: 1956
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 006
Container Num: Y
Year Installed: 1956
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 007
Container Num: I
Year Installed: 1975
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: DIESEL
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 008
Container Num: II
Year Installed: 1975
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 009
Container Num: III
Year Installed: 1975
Tank Capacity: 00004000

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TEXACO SERVICE STATION (Continued)

U001575565

Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 010
Container Num: IV
Year Installed: 1975
Tank Capacity: 00004000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 011
Container Num: IX
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 012
Container Num: X
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 013
Container Num: XI
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 014
Container Num: U
Year Installed: 1965
Tank Capacity: 00007500
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 015
Container Num: T
Year Installed: 1965
Tank Capacity: 00007500
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TEXACO SERVICE STATION (Continued)

U001575565

Leak Detection: Stock Inventor

Tank Num: 016
Container Num: V
Year Installed: 1965
Tank Capacity: 00007500
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 017
Container Num: S
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 018
Container Num: 0
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 019
Container Num: R
Year Installed: Not reported
Tank Capacity: 00010000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 020
Container Num: XII
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 104
Leak Detection: Stock Inventor

Tank Num: 021
Container Num: XIII
Year Installed: Not reported
Tank Capacity: 00000800
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 022

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TEXACO SERVICE STATION (Continued)

U001575565

Container Num: XIV
Year Installed: Not reported
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4
Leak Detection: Stock Inventor

Tank Num: 023
Container Num: N
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 1/4"
Leak Detection: Stock Inventor

Tank Num: 024
Container Num: O
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: 1/4"
Leak Detection: Stock Inventor

Tank Num: 025
Container Num: P
Year Installed: Not reported
Tank Capacity: 00008000
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: 1/4"
Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

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NAT'L CONVENIENCE STORE, INC.(AKA CIRCLE K STORE NO. 5249)
105 S PEPPER ST
RIALTO, CA 92411

LUST S109285274
N/A

LUST:

Region: STATE
Global Id: T0607100054
Latitude: 34.099175
Longitude: -117.352495
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 07/24/1987
Lead Agency: SAN BERNARDINO COUNTY
Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 083600545T
LOC Case Number: 87038
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

NAT'L CONVENIENCE STORE, INC.(AKA CIRCLE K STORE NO. 5249) (Continued)

S109285274

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0607100054
Contact Type: Regional Board Caseworker
Contact Name: VALERIE JAHN-BULL
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: vjahn-bull@waterboards.ca.gov
Phone Number: 9517824903

Status History:

Global Id: T0607100054
Status: Completed - Case Closed
Status Date: 07/24/1987

Global Id: T0607100054
Status: Open - Case Begin Date
Status Date: 05/01/1987

Global Id: T0607100054
Status: Open - Site Assessment
Status Date: 07/20/1987

Regulatory Activities:

Global Id: T0607100054
Action Type: ENFORCEMENT
Date: 07/24/1987
Action: Closure/No Further Action Letter

Global Id: T0607100054
Action Type: Other
Date: 05/01/1987
Action: Leak Discovery

Global Id: T0607100054
Action Type: Other
Date: 07/20/1987
Action: Leak Reported

Region: STATE
Global Id: T0607100572
Latitude: 34.099175
Longitude: -117.352495
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 03/09/2000
Lead Agency: SAN BERNARDINO COUNTY
Case Worker: CR2
Local Agency: SAN BERNARDINO COUNTY
RB Case Number: 083603445T
LOC Case Number: 99055
File Location: Local Agency
Potential Media Affect: Soil

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

NAT'L CONVENIENCE STORE, INC.(AKA CIRCLE K STORE NO. 5249) (Continued)

S109285274

Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0607100572
Contact Type: Local Agency Caseworker
Contact Name: CATHERINE RICHARDS
Organization Name: SAN BERNARDINO COUNTY
Address: 620 SOUTH E STREET
City: SAN BERNARDINO
Email: crichards@sbcfire.org
Phone Number: 9093868419

Global Id: T0607100572
Contact Type: Regional Board Caseworker
Contact Name: NANCY OLSON-MARTIN
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: nolson-martin@waterboards.ca.gov
Phone Number: Not reported

Status History:

Global Id: T0607100572
Status: Completed - Case Closed
Status Date: 03/09/2000

Global Id: T0607100572
Status: Open - Case Begin Date
Status Date: 11/05/1998

Global Id: T0607100572
Status: Open - Site Assessment
Status Date: 03/25/1999

Global Id: T0607100572
Status: Open - Site Assessment
Status Date: 05/07/1999

Global Id: T0607100572
Status: Open - Site Assessment
Status Date: 05/18/1999

Global Id: T0607100572
Status: Open - Site Assessment
Status Date: 08/20/1999

Regulatory Activities:

Global Id: T0607100572
Action Type: REMEDIATION
Date: 06/30/1999
Action: Excavation

Global Id: T0607100572
Action Type: RESPONSE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

NAT'L CONVENIENCE STORE, INC.(AKA CIRCLE K STORE NO. 5249) (Continued)

S109285274

Date: 05/07/1999
Action: Preliminary Site Assessment Workplan

Global Id: T0607100572
Action Type: Other
Date: 11/05/1998
Action: Leak Stopped

Global Id: T0607100572
Action Type: ENFORCEMENT
Date: 03/09/2000
Action: Closure/No Further Action Letter

Global Id: T0607100572
Action Type: Other
Date: 11/05/1998
Action: Leak Discovery

Global Id: T0607100572
Action Type: Other
Date: 03/31/1999
Action: Leak Reported

Global Id: T0607100572
Action Type: RESPONSE
Date: 08/20/1999
Action: Preliminary Site Assessment Report

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NAT'L CONVENIENCE STORE, INC.(AKA CIRCLE K STORE NO. 5249)
105 S PEPPER ST
RIALTO, CA

RGA LUST S114658784
N/A

RGA LUST:

2012 NAT'L CONVENIENCE STORE, INC.(AKA CIRCLE K STORE NO. 5249)
105 S PEPPER ST
2011 NAT'L CONVENIENCE STORE, INC.(AKA CIRCLE K STORE NO. 5249)
105 S PEPPER ST
2010 NAT'L CONVENIENCE STORE, INC.(AKA CIRCLE K STORE NO. 5249)
105 S PEPPER ST
2009 NAT'L CONVENIENCE STORE, INC.(AKA CIRCLE K STORE NO. 5249)
105 S PEPPER ST
2008 NAT'L CONVENIENCE STORE, INC.(AKA CIRCLE K STORE NO. 5249)
105 S PEPPER ST

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CIRCLE K # 5249
105 S PEPPER AVE
RIALTO, CA

RGA LUST S114601586
N/A

RGA LUST:

2012 CIRCLE K # 5249 105 S PEPPER AVE
2011 CIRCLE K # 5249 105 S PEPPER AVE
2010 CIRCLE K # 5249 105 S PEPPER AVE
2009 CIRCLE K # 5249 105 S PEPPER AVE
2008 CIRCLE K # 5249 105 S PEPPER AVE

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

22	STOP & GO #2322	CA FID UST	S101590928
	105 S PEPPER AVE	SWEEPS UST	N/A
	SAN BERNARDINO, CA 92376		

CA FID UST:

Facility ID: 36000256
 Regulated By: UTNKA
 Regulated ID: 00013448
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: Not reported
 Mail To: Not reported
 Mailing Address: 100 WAUGH
 Mailing Address 2: Not reported
 Mailing City, St, Zip: SAN BERNARDINO 92376
 Contact: Not reported
 Contact Phone: Not reported
 DUNS Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

SWEEPS UST:

Status: Active
 Comp Number: 13448
 Number: 9
 Board Of Equalization: 44-019885
 Referral Date: 07-28-92
 Action Date: 07-28-92
 Created Date: 02-29-88
 Owner Tank Id: K
 SWRCB Tank Id: 36-000-013448-000001
 Tank Status: A
 Capacity: 8000
 Active Date: 06-28-88
 Tank Use: M.V. FUEL
 STG: P
 Content: REG UNLEADED
 Number Of Tanks: 3

Status: Active
 Comp Number: 13448
 Number: 9
 Board Of Equalization: 44-019885
 Referral Date: 07-28-92
 Action Date: 07-28-92
 Created Date: 02-29-88
 Owner Tank Id: L
 SWRCB Tank Id: 36-000-013448-000002
 Tank Status: A
 Capacity: 8000
 Active Date: 06-28-88
 Tank Use: M.V. FUEL
 STG: P
 Content: LEADED
 Number Of Tanks: Not reported

Status: Active

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

STOP & GO #2322 (Continued)

S101590928

Comp Number: 13448
Number: 9
Board Of Equalization: 44-019885
Referral Date: 07-28-92
Action Date: 07-28-92
Created Date: 02-29-88
Owner Tank Id: M
SWRCB Tank Id: 36-000-013448-000003
Tank Status: A
Capacity: 8000
Active Date: 06-28-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

22 **NAT'L CONVENIENCE STORE, INC.
105 SOUTH PEPPER STREET
RIALTO, CA**

**RGA LUST S114658788
N/A**

RGA LUST:

1992 NAT'L CONVENIENCE STORE, INC. 105 SOUTH PEPPER STREET

22 **CRLLC 76 #5249
105 S PEPPER AVE
RIALTO, CA 92376**

**HAZNET S113152048
N/A**

HAZNET:

envid: S113152048
Year: 2014
GEPAID: CAL000330892
Contact: ALLEN FAAS
Telephone: 9492895286
Mailing Name: Not reported
Mailing Address: 7180 KOLL CENTER PKWY STE 100
Mailing City,St,Zip: PLEASANTON, CA 945663184
Gen County: San Bernardino
TSD EPA ID: CAL000282596
TSD County: Orange
Waste Category: Unspecified oil-containing waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1251
Cat Decode: Unspecified oil-containing waste
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: S113152048
Year: 2014
GEPAID: CAL000330892
Contact: ALLEN FAAS
Telephone: 9492895286

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CRLLC 76 #5249 (Continued)

S113152048

Mailing Name: Not reported
Mailing Address: 7180 KOLL CENTER PKWY STE 100
Mailing City,St,Zip: PLEASANTON, CA 945663184
Gen County: San Bernardino
TSD EPA ID: CAL000282596
TSD County: Orange
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.0375
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: S113152048
Year: 2013
GEPAID: CAL000330892
Contact: ALLEN FAAS
Telephone: 9492895286
Mailing Name: Not reported
Mailing Address: 7180 KOLL CENTER PKWY STE 100
Mailing City,St,Zip: PLEASANTON, CA 945663184
Gen County: San Bernardino
TSD EPA ID: AZR000501510
TSD County: 99
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.06255
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: Not reported

envid: S113152048
Year: 2013
GEPAID: CAL000330892
Contact: ALLEN FAAS
Telephone: 9492895286
Mailing Name: Not reported
Mailing Address: 7180 KOLL CENTER PKWY STE 100
Mailing City,St,Zip: PLEASANTON, CA 945663184
Gen County: San Bernardino
TSD EPA ID: CAL000282596
TSD County: Orange
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.22935
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: Not reported

envid: S113152048
Year: 2013

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CRLLC 76 #5249 (Continued)

S113152048

GEPAID: CAL000330892
Contact: ALLEN FAAS
Telephone: 9492895286
Mailing Name: Not reported
Mailing Address: 7180 KOLL CENTER PKWY STE 100
Mailing City,St,Zip: PLEASANTON, CA 945663184
Gen County: San Bernardino
TSD EPA ID: CAL000282596
TSD County: Orange
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.1125
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Not reported

[Click this hyperlink](#) while viewing on your computer to access
7 additional CA_HAZNET: record(s) in the EDR Site Report.

22

**NAT'L CONVENIENCE STORE, INC.(AKA CIRCLE K STORE NO. 5249)
105 PEPPER ST
RIALTO, CA 92411**

**LUST S106447982
N/A**

LUST REG 8:

Region: 8
County: San Bernardino
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083600545T
Local Case Num: 87038
Case Type: Soil only
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: FOOTHILL
Enf Type: CLOS
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T0607100054
How Stopped Date: Not reported
Enter Date: 7/21/1987
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported
Discover Date: 5/1/1987
Enforcement Date: Not reported
Close Date: 7/24/1987
Date Prelim Assessment Workplan Submitted: Not reported
Date Pollution Characterization Began: 7/20/1987
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring: Not reported
Enter Date: 7/21/1987
GW Qualifies: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

NAT'L CONVENIENCE STORE, INC.(AKA CIRCLE K STORE NO. 5249) (Continued)

S106447982

Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.1320986
Longitude:	-117.2952347
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	VJJ
Staff Initials:	RR1
Lead Agency:	Local Agency
Local Agency:	36000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

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**CIRCLE K # 5249
105 PEPPER AVE
RIALTO, CA 92410**

**LUST S106448555
N/A**

LUST REG 8:

Region:	8
County:	San Bernardino
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083603445T
Local Case Num:	99055
Case Type:	Soil only
Substance:	Gasoline
Qty Leaked:	Not reported
Abate Method:	Not reported
Cross Street:	RIALTO
Enf Type:	CLOS
Funding:	Not reported
How Discovered:	Subsurface Monitoring
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	Piping
Global ID:	T0607100572
How Stopped Date:	11/5/1998
Enter Date:	5/12/1999
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	8/20/1999
Discover Date:	11/5/1998
Enforcement Date:	Not reported
Close Date:	3/9/2000
Date Prelim Assessment Workplan Submitted:	5/7/1999
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported

Map ID
Direction
Distance
Distance (ft.)Site

MAP FINDINGS

EDR ID Number

Database(s) EPA ID Number

CIRCLE K # 5249 (Continued)

S106448555

Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	5/12/1999
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.1082285
Longitude:	-117.2965765
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	2
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class:	*
Staff:	NOM
Staff Initials:	CR2
Lead Agency:	Local Agency
Local Agency:	36000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

22

**CIRCLE K #5249
105 S PEPPER AVE
SAN BERNARDINO, CA 92410**

**UST U003939163
N/A**

UST:
Facility ID: 86009311
Permitting Agency: SAN BERNARDINO COUNTY
Latitude: 34.09945228
Longitude: -117.352807

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**2826 WEST RIALTO AVE
SAN BERNARDINO, CA**

**CHMIRS S110419268
N/A**

CHMIRS:
OES Incident Number: 08-3592
OES notification: 05/18/2008
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S110419268

Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Merchant/Business
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1500
Year:	2008
Agency:	City of San Bernardino
Incident Date:	5/18/2008
Admin Agency:	San Bernardino County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Sewage
Quantity Released:	200
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	RP states a blockage in a private sewer line caused a release from private lateral clean out into the curb and gutter. Clean up crews are reclaiming the release. The release did not enter

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S110419268

a waterway.

22

E-Z SERVE
2898 W RIALTO AVE
RIALTO, CA 92376

HIST UST **U001575537**
SWEEPS UST **N/A**

HIST UST:

File Number: 00029998
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029998.pdf>
Region: STATE
Facility ID: 00000020265
Facility Type: Gas Station
Other Type: Not reported
Contact Name: RANDY PERKINS
Telephone: 5122232631
Owner Name: AUTOTRONIC SYSTEMS, INC.
Owner Address: 3643 E. COMMERCE
Owner City,St,Zip: SAN ANTONIO, TX 78220
Total Tanks: 0003

Tank Num: 001
Container Num: 052
Year Installed: 1972
Tank Capacity: 00009940
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 002
Container Num: 053
Year Installed: 1972
Tank Capacity: 00009940
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

Tank Num: 003
Container Num: 054
Year Installed: 1972
Tank Capacity: 00009940
Tank Used for: PRODUCT
Type of Fuel: PREMIUM
Container Construction Thickness: Not reported
Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

SWEEPS UST:

Status: Active
Comp Number: 20265
Number: 9
Board Of Equalization: 44-020733
Referral Date: 07-28-92
Action Date: 07-28-92
Created Date: 02-29-88

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

E-Z SERVE (Continued)

U001575537

Owner Tank Id: 52
SWRCB Tank Id: 36-000-020265-000001
Tank Status: A
Capacity: 9940
Active Date: 08-25-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 3

Status: Active
Comp Number: 20265
Number: 9
Board Of Equalization: 44-020733
Referral Date: 07-28-92
Action Date: 07-28-92
Created Date: 02-29-88
Owner Tank Id: 53
SWRCB Tank Id: 36-000-020265-000002
Tank Status: A
Capacity: 9940
Active Date: 08-25-88
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 20265
Number: 9
Board Of Equalization: 44-020733
Referral Date: 07-28-92
Action Date: 07-28-92
Created Date: 02-29-88
Owner Tank Id: 54
SWRCB Tank Id: 36-000-020265-000003
Tank Status: A
Capacity: 9940
Active Date: 08-25-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

22

ARCO #6365 - AM/PM MINIMARKET
2898 RIALTO AVE
SAN BERNARDINO, CA 92376

LUST S105624608
N/A

LUST REG 8:

Region: 8
County: San Bernardino
Regional Board: Santa Ana Region
Facility Status: Pollution Characterization
Case Number: 083601168T
Local Case Num: 87055
Case Type: Soil only
Substance: Gasoline
Qty Leaked: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ARCO #6365 - AM/PM MINIMARKET (Continued)

S105624608

Abate Method:	Not reported
Cross Street:	PEPPER
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	Overfill
Leak Source:	UNK
Global ID:	T0607100133
How Stopped Date:	Not reported
Enter Date:	2/28/1989
Date Confirmation of Leak Began:	Not reported
Date Preliminary Assessment Began:	Not reported
Discover Date:	1/17/1989
Enforcement Date:	Not reported
Close Date:	Not reported
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	2/28/1989
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	2/28/1989
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.1082285
Longitude:	-117.2965765
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	VJJ
Staff Initials:	CR2
Lead Agency:	Local Agency
Local Agency:	36000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number
22	ARCO # 6365 2898 RIALTO AVENUE RIALTO, CA LUST REG 8: Region: 8 County: San Bernardino Regional Board: Santa Ana Region Facility Status: Preliminary site assessment underway Case Number: 083603865T Local Case Num: 2001018 Case Type: Soil only Substance: Gasoline Qty Leaked: Not reported Abate Method: Not reported Cross Street: PEPPER AVENUE Enf Type: Not reported Funding: Not reported How Discovered: OM How Stopped: Not reported Leak Cause: UNK Leak Source: D Global ID: T060713776 How Stopped Date: Not reported Enter Date: Not reported Date Confirmation of Leak Began: Not reported Date Preliminary Assessment Began: 1/2/2002 Discover Date: 11/11/2001 Enforcement Date: Not reported Close Date: Not reported Date Prelim Assessment Workplan Submitted: Not reported Date Pollution Characterization Began: Not reported Date Remediation Plan Submitted: Not reported Date Remedial Action Underway: Not reported Date Post Remedial Action Monitoring: Not reported Enter Date: Not reported GW Qualifies: Not reported Soil Qualifies: Not reported Operator: Not reported Facility Contact: Not reported Interim: Not reported Oversight Program: LUST Latitude: 34.099737 Longitude: -117.352709 MTBE Date: Not reported Max MTBE GW: Not reported MTBE Concentration: 0 Max MTBE Soil: Not reported MTBE Fuel: 1 MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed. MTBE Class: * Staff: VJJ Staff Initials: CR2 Lead Agency: Local Agency Local Agency: 36000L Hydr Basin #: UPPER SANTA ANA VALL Beneficial: Not reported Priority: Not reported Cleanup Fund Id: Not reported	LUST	S105181370 N/A

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ARCO # 6365 (Continued)

S105181370

Work Suspended: Not reported
Summary: Haz Mat incident report filed : DISPENSER/PIPING UPGRADE PROJECT : REPLACED PIPING AND DISPENSER COMPONENTS (ASSUMED)

22

2898 W RIALTO AVE
RIALTO, CA 92376

EDR Hist Auto 1015391483
N/A

EDR Historical Auto Stations:

Name: QUICKIE ARCO AM PM
Year: 2006
Address: 2898 W RIALTO AVE

Name: QUICKIE ARCO AM PM
Year: 2008
Address: 2898 W RIALTO AVE

Name: QUICKIE ARCO AM PM
Year: 2009
Address: 2898 W RIALTO AVE

Name: QUICKIE ARCO AM PM
Year: 2011
Address: 2898 W RIALTO AVE

Name: QUICKIE ARCO AM PM
Year: 2012
Address: 2898 W RIALTO AVE

22

INTER AM-PM MINI MART
2898 W RIALTO AVE
RIALTO, CA 92376

LUST U003784575
UST N/A
SWEEPS UST

LUST:

Region: STATE
Global Id: T0607100133
Latitude: 34.099856
Longitude: -117.352489
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 07/25/1989
Lead Agency: SAN BERNARDINO COUNTY
Case Worker: CR2
Local Agency: SAN BERNARDINO COUNTY
RB Case Number: 083601168T
LOC Case Number: 87055
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0607100133
Contact Type: Local Agency Caseworker
Contact Name: CATHERINE RICHARDS

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

INTER AM-PM MINI MART (Continued)

U003784575

Organization Name: SAN BERNARDINO COUNTY
Address: 620 SOUTH E STREET
City: SAN BERNARDINO
Email: crichards@sbcfire.org
Phone Number: 9093868419

Global Id: T0607100133
Contact Type: Regional Board Caseworker
Contact Name: VALERIE JAHN-BULL
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: vjahn-bull@waterboards.ca.gov
Phone Number: 9517824903

Status History:
Global Id: T0607100133
Status: Completed - Case Closed
Status Date: 07/25/1989

Global Id: T0607100133
Status: Open - Case Begin Date
Status Date: 01/17/1989

Global Id: T0607100133
Status: Open - Site Assessment
Status Date: 02/28/1989

Regulatory Activities:
Global Id: T0607100133
Action Type: Other
Date: 01/17/1989
Action: Leak Discovery

Global Id: T0607100133
Action Type: Other
Date: 01/27/1989
Action: Leak Reported

UST:
Facility ID: 85007557
Permitting Agency: SAN BERNARDINO COUNTY
Latitude: 34.1012618
Longitude: -117.351087

SWEEPS UST:
Status: Not reported
Comp Number: 7580
Number: Not reported
Board Of Equalization: 44-020009
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

INTER AM-PM MINI MART (Continued)

U003784575

SWRCB Tank Id: 36-000-007580-000001
Tank Status: Not reported
Capacity: 1
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: 3

Status: Not reported
Comp Number: 7580
Number: Not reported
Board Of Equalization: 44-020009
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-007580-000002
Tank Status: Not reported
Capacity: 1
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

Status: Not reported
Comp Number: 7580
Number: Not reported
Board Of Equalization: 44-020009
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-007580-000003
Tank Status: Not reported
Capacity: 1
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: UNKNOWN
Number Of Tanks: Not reported

22

BEST OIL COMPANY
2898 W RIALTO
RIALTO, CA 92376

LUST S101590936
CA FID UST N/A

LUST:

Region: STATE
Global Id: T060713776
Latitude: 34.099856
Longitude: -117.352489
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 05/22/2002
Lead Agency: SAN BERNARDINO COUNTY
Case Worker: CR2
Local Agency: SAN BERNARDINO COUNTY

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BEST OIL COMPANY (Continued)

S101590936

RB Case Number: 083603865T
LOC Case Number: 2001018
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T060713776
Contact Type: Local Agency Caseworker
Contact Name: CATHERINE RICHARDS
Organization Name: SAN BERNARDINO COUNTY
Address: 620 SOUTH E STREET
City: SAN BERNARDINO
Email: crichards@sbcfire.org
Phone Number: 9093868419

Global Id: T060713776
Contact Type: Regional Board Caseworker
Contact Name: VALERIE JAHN-BULL
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: vjahn-bull@waterboards.ca.gov
Phone Number: 9517824903

Status History:

Global Id: T060713776
Status: Completed - Case Closed
Status Date: 05/22/2002

Global Id: T060713776
Status: Open - Case Begin Date
Status Date: 11/11/2001

Global Id: T060713776
Status: Open - Site Assessment
Status Date: 01/02/2002

Regulatory Activities:

Global Id: T060713776
Action Type: ENFORCEMENT
Date: 01/28/2002
Action: LOP Case Closure Summary to RB

Global Id: T060713776
Action Type: Other
Date: 11/11/2001
Action: Leak Discovery

Global Id: T060713776
Action Type: Other
Date: 01/02/2002
Action: Leak Reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BEST OIL COMPANY (Continued)

S101590936

CA FID UST:

Facility ID: 36000300
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: 2898 W RIALTO
Mailing Address 2: Not reported
Mailing City,St,Zip: SAN BERNARDINO 92410
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

Facility ID: 36000300
Regulated By: UTNKA
Regulated ID: 00020265
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 3779 EL MIRA
Mailing Address 2: Not reported
Mailing City,St,Zip: RIALTO 92376
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

22

**2822 W RIALTO AVE
RIALTO, CA 92376**

**EDR Hist Cleaner 1015034283
N/A**

EDR Historical Cleaners:

Name: STAR CLEANERS
Year: 2007
Address: 2822 W RIALTO AVE

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

22	2838 W RIALTO AVE RIALTO, CA 92376	EDR Hist Cleaner	1015034529 N/A
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EDR Historical Cleaners:

Name:	STAR CLEANERS
Year:	1999
Address:	2838 W RIALTO AVE

Name:	STAR CLEANERS
Year:	2000
Address:	2838 W RIALTO AVE

Name:	STAR CLEANERS
Year:	2001
Address:	2838 W RIALTO AVE

Name:	STAR CLEANERS
Year:	2002
Address:	2838 W RIALTO AVE

22	2848 W RIALTO AVE RIALTO, CA 92376	EDR Hist Cleaner	1015034649 N/A
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EDR Historical Cleaners:

Name:	GIERMANS LAUNDROMAT
Year:	2003
Address:	2848 W RIALTO AVE

Name:	GIERMANS LAUNDROMAT
Year:	2004
Address:	2848 W RIALTO AVE

Name:	GIERMANS LAUNDROMAT
Year:	2005
Address:	2848 W RIALTO AVE

Name:	GIERMANS LAUNDROMAT
Year:	2006
Address:	2848 W RIALTO AVE

22	2852 W RIALTO AVE RIALTO, CA 92376	EDR Hist Auto	1015389824 N/A
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EDR Historical Auto Stations:

Name:	E & F ENGINE SUPPLY
Year:	2010
Address:	2852 W RIALTO AVE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
Database(s)
EPA ID Number

22 BP WEST COAST PRODUCTS LLC 6365 HAZNET S113113921
2898 W RIALTO AVE
RIALTO, CA 92376 N/A

HAZNET:

envid: S113113921
Year: 2013
GEPAID: CAL000225534
Contact: Jackie Dougherty
Telephone: 9494605200
Mailing Name: Not reported
Mailing Address: PO BOX 80249
Mailing City,St,Zip: RCHO STA MARG, CA 926880000
Gen County: San Bernardino
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.042
Cat Decode: Not reported
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: Not reported

envid: S113113921
Year: 2012
GEPAID: CAL000225534
Contact: WASTE SPECIALIST
Telephone: 7146703928
Mailing Name: Not reported
Mailing Address: PO BOX 80249
Mailing City,St,Zip: RCHO STA MARG, CA 926880000
Gen County: San Bernardino
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.042
Cat Decode: Not reported
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: San Bernardino

envid: S113113921
Year: 2011
GEPAID: CAL000225534
Contact: WASTE SPECIALIST
Telephone: 5035246191
Mailing Name: Not reported
Mailing Address: PO BOX 80249
Mailing City,St,Zip: RCHO STA MARG, CA 926880000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BP WEST COAST PRODUCTS LLC 6365 (Continued)

S113113921

Tons: 1.1172
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Facility County: San Bernardino

envid: S113113921
Year: 2010
GEPAID: CAL000225534
Contact: WASTE SPECIALIST
Telephone: 7146703928
Mailing Name: Not reported
Mailing Address: PO BOX 80249
Mailing City,St,Zip: RCHO STA MARG, CA 926880000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect

Tons: 0.294
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Facility County: San Bernardino

envid: S113113921
Year: 2009
GEPAID: CAL000225534
Contact: Waste Specialist
Telephone: 5035246191
Mailing Name: Not reported
Mailing Address: PO BOX 80249
Mailing City,St,Zip: RCHO STA MARG, CA 926880000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect

Tons: 0.126
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
10 additional CA_HAZNET: record(s) in the EDR Site Report.

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

22	P.J.N. CONSULTANTS INC 2898 W RIA ALTO AVE SAN BERNARDINO, CA 92376	HAZNET	S113122240 N/A
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HAZNET:

envid:	S113122240
Year:	2003
GEPAID:	CAL000259547
Contact:	Neeru Seta/owner
Telephone:	9099673050
Mailing Name:	Not reported
Mailing Address:	2898 W Ria Alto Ave
Mailing City,St,Zip:	SAN BERNARDINO, CA 92376
Gen County:	Not reported
TSD EPA ID:	CAD008302903
TSD County:	Not reported
Waste Category:	Other organic solids
Disposal Method:	Transfer Station
Tons:	0.03
Cat Decode:	Other organic solids
Method Decode:	Transfer Station
Facility County:	San Bernardino

22	ARCO # 6365 2898 W RIALTO AVENUE RIALTO, CA	RGA LUST	S114572957 N/A
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RGA LUST:

2012	ARCO # 6365	2898 W RIALTO AVENUE
2011	ARCO # 6365	2898 W RIALTO AVENUE
2010	ARCO # 6365	2898 W RIALTO AVENUE
2009	ARCO # 6365	2898 W RIALTO AVENUE
2008	ARCO # 6365	2898 W RIALTO AVENUE

22	A & T INVESTMENTS AND HOLDINGS INC 2898 W RIALTO AVE RIALTO, CA 92376	HAZNET	S113802441 N/A
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HAZNET:

envid:	S113802441
Year:	2012
GEPAID:	CAL000377049
Contact:	VENKATA TANGIRALA
Telephone:	5105573787
Mailing Name:	Not reported
Mailing Address:	2898 W RIALTO AVE
Mailing City,St,Zip:	RIALTO, CA 92376
Gen County:	San Bernardino
TSD EPA ID:	NVT330010000
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons:	0.05
Cat Decode:	Not reported
Method Decode:	Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County:	San Bernardino

MAP FINDINGS

Map ID Direction Distance Distance (ft.)Site		EDR ID Number	Database(s)	EPA ID Number
22	ARCO CORP 2898 WEST RIALTO AVE RIALTO, CA 92376 HAZNET: envid: S113097391 Year: 2001 GEPaid: CAL000183557 Contact: MICHAEL WILSON- ENVIRO SPECIAL Telephone: 7146705321 Mailing Name: Not reported Mailing Address: PO BOX 6038 Mailing City,St,Zip: ARTESIA, CA 907020000 Gen County: Not reported TSD EPA ID: CAT080013352 TSD County: Not reported Waste Category: Aqueous solution with total organic residues less than 10 percent Disposal Method: Recycler Tons: 0.45 Cat Decode: Aqueous solution with total organic residues less than 10 percent Method Decode: Recycler Facility County: San Bernardino		HAZNET	S113097391 N/A
23	INTOWN PROPERTIES INC/HUD 124 S TAMARISK AVE RIALTO, CA 92376 HAZNET: envid: S112897267 Year: 1998 GEPaid: CAC002104248 Contact: HUD Telephone: 7149577333 Mailing Name: Not reported Mailing Address: 7365 CARNELIAN STE 105 Mailing City,St,Zip: RANCHO CUCAMONGA, CA 917300000 Gen County: Not reported TSD EPA ID: CAD000088252 TSD County: Not reported Waste Category: Household waste Disposal Method: Transfer Station Tons: .0625 Cat Decode: Household waste Method Decode: Transfer Station Facility County: San Bernardino		HAZNET	S112897267 N/A
23	POMA AUTOMATED FUELING, I 2095 RIALTO RIALTO, CA 92377 HIST CORTESE: Region: CORTESE Facility County Code: 36 Reg By: LTNKA Reg Id: 083603105T		HIST CORTESE	S105025774 N/A

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site
Database(s)
EPA ID Number
EDR ID Number

23 ARCO - RIVERSIDE SERVICE HIST CORTESE S105025773
1877 RIALTO N/A
RIALTO, CA 92376

HIST CORTESE:
Region: CORTESE
Facility County Code: 36
Reg By: LTNKA
Reg Id: 083601577T

23 PENHALL COMPANY HIST CORTESE S105025775
2190 RIVERSIDE AVE LUST N/A
RIALTO, CA 92376

HIST CORTESE:
Region: CORTESE
Facility County Code: 36
Reg By: LTNKA
Reg Id: 083603198T

LUST REG 8:
Region: 8
County: San Bernardino
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083603198T
Local Case Num: 98036
Case Type: Soil only
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: SLOVER
Enf Type: CLOS
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T0607100486
How Stopped Date: Not reported
Enter Date: 9/11/1998
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported
Discover Date: 6/5/1998
Enforcement Date: Not reported
Close Date: 11/12/1998
Date Prelim Assessment Workplan Submitted: 8/14/1998
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring: Not reported
Enter Date: 9/11/1998
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 34.140671

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PENHALL COMPANY (Continued)

S105025775

Longitude: -117.3745945
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Concentration: 0
Max MTBE Soil: Not reported
MTBE Fuel: 1
MTBE Tested: Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class: *
Staff: NOM
Staff Initials: JC3
Lead Agency: Local Agency
Local Agency: 36000L
Hydr Basin #: UPPER SANTA ANA VALL
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

23

EDR Hist Auto 1015624991
N/A

**750 E RIALTO AVE
RIALTO, CA 92376**

EDR Historical Auto Stations:

Name: FONTANA AUTO REPAIR CENTER
Year: 2005
Address: 750 E RIALTO AVE

24

EDR Hist Auto 1015583675
N/A

**630 E RIALTO AVE
RIALTO, CA 92376**

EDR Historical Auto Stations:

Name: MANUELS AUTO TRNSMSN MCHNC
Year: 2003
Address: 630 E RIALTO AVE

25

HAZNET S112976304
N/A

**UNION PACIFIC RAILROAD
2423 W RIALTO AVE
SAN BERNARDINO, CA 92410**

HAZNET:

envid: S112976304
Year: 2009
GEPAID: CAC002639849
Contact: ROBERT BAVIER
Telephone: 9513232366
Mailing Name: Not reported
Mailing Address: 10031 FOOTHILLS BLVD
Mailing City,St,Zip: ROSEVILLE, CA 957475146
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Liquids with pH <= 2
Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

UNION PACIFIC RAILROAD (Continued)

S112976304

Treatment)
Tons: 0.0417
Cat Decode: Liquids with pH <= 2
Method Decode: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Facility County: San Bernardino

envid: S112976304
Year: 2009
GEPAID: CAC002639849
Contact: ROBERT BAVIER
Telephone: 9513232366
Mailing Name: Not reported
Mailing Address: 10031 FOOTHILLS BLVD
Mailing City,St,Zip: ROSEVILLE, CA 957475146
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Unspecified aqueous solution
Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 10.5
Cat Decode: Unspecified aqueous solution
Method Decode: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Facility County: San Bernardino

25

**ARCO COLTON TERMINAL
2395 RIALTO
RIALTO, CA 92316**

**HIST CORTESE S105025777
N/A**

HIST CORTESE:
Region: CORTESE
Facility County Code: 36
Reg By: LTNKA
Reg Id: 083603126T

26

**W. RIALTO AVE & S. MACY STREET
SAN BERNARDINO, CA**

**CHMIRS S110982202
N/A**

CHMIRS:
OES Incident Number: 10-6391
OES notification: 10/23/2010
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S110982202

Resp Agency Personnel # Of Decontaminated:	Not reported
Responding Agency Personnel # Of Injuries:	Not reported
Responding Agency Personnel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Road
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	2300
Year:	2010
Agency:	HazMat One
Incident Date:	10/23/2010
Admin Agency:	San Bernardino County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Diesel
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	A big rig driver hit a wall splitting his saddle tank.

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
EPA ID Number

Database(s)

27

WILLIAM WILLIAMSON
785 W RIALTO AVE
RIALTO, CA 92335

HAZNET

S112924646
N/A

HAZNET:

envid:

S112924646

Year:

2002

GEPAID:

CAC002556231

Contact:

WILLIAM WILLIAMSON

Telephone:

3238505733

Mailing Name:

Not reported

Mailing Address:

2369 JUPITER DR

Mailing City,St,Zip:

LOS ANGELES, CA 90046

Gen County:

Not reported

TSD EPA ID:

CAD982444481

TSD County:

Not reported

Waste Category:

Other organic solids

Disposal Method:

Transfer Station

Tons:

0.04

Cat Decode:

Other organic solids

Method Decode:

Transfer Station

Facility County:

San Bernardino

27

PACIFIC RAILROAD SALVAGE INC
785 W RIALTO AVE STE H
RIALTO, CA 92376

HAZNET

S113119149
N/A

HAZNET:

envid:

S113119149

Year:

2002

GEPAID:

CAL000251422

Contact:

DENNIS VOLLMER

Telephone:

7609513349

Mailing Name:

Not reported

Mailing Address:

PO BOX 69

Mailing City,St,Zip:

HELENDAL, CA 92342

Gen County:

Not reported

TSD EPA ID:

CAT000613927

TSD County:

Not reported

Waste Category:

Aqueous solution with total organic residues less than 10 percent

Disposal Method:

Transfer Station

Tons:

0.07

Cat Decode:

Aqueous solution with total organic residues less than 10 percent

Method Decode:

Transfer Station

Facility County:

San Bernardino

27

785 W RIALTO AVE
RIALTO, CA 92376

EDR Hist Auto

1015633256
N/A

EDR Historical Auto Stations:

Name:

COLIMA TRANSMISSIONS

Year:

1999

Address:

785 W RIALTO AVE

Name:

COLIMA TRANSMISSIONS

Year:

2000

Address:

785 W RIALTO AVE

Map ID
Direction
Distance
Distance (ft.)Site

MAP FINDINGS

EDR ID Number

Database(s) EPA ID Number

(Continued)

1015633256

Name: COLIMA TRANSMISSIONS
Year: 2002
Address: 785 W RIALTO AVE

Name: COLIMA TRANSMISSIONS
Year: 2003
Address: 785 W RIALTO AVE

Name: I TEN AUTO BODY SHOP
Year: 2004
Address: 785 W RIALTO AVE

Name: COLIMA TRANSMISSIONS
Year: 2005
Address: 785 W RIALTO AVE

Name: COLIMA TRANSMISSIONS
Year: 2006
Address: 785 W RIALTO AVE

Name: ROBERTOS MECHANICAL GENERAL
Year: 2007
Address: 785 W RIALTO AVE

Name: ROBERTOS MECHANICAL GENERAL
Year: 2008
Address: 785 W RIALTO AVE

Name: ROBERTOS MECHANICAL GENERAL
Year: 2009
Address: 785 W RIALTO AVE

Name: CHAVEZ MECHANIC & ELECTRIC
Year: 2010
Address: 785 W RIALTO AVE

Name: ITEN AUTO BODY & SALES
Year: 2012
Address: 785 W RIALTO AVE

27

755 W RIALTO AVE
RIALTO, CA 92376

EDR Hist Auto 1015626535
N/A

EDR Historical Auto Stations:

Name: CHECKERED FLAG AUTOMOTIVE
Year: 2004
Address: 755 W RIALTO AVE

Name: CHECKERED FLAG AUTOMOTIVE
Year: 2005
Address: 755 W RIALTO AVE

Name: DUANES AUTO REPAIR
Year: 2006
Address: 755 W RIALTO AVE

Name: CHECKERED FLAG AUTOMOTIVE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

1015626535

Year: 2007
Address: 755 W RIALTO AVE

Name: RAMOS AUTO CARE
Year: 2008
Address: 755 W RIALTO AVE

Name: RAMOS AUTO CARE
Year: 2009
Address: 755 W RIALTO AVE

Name: DUANES AUTOMOTIVE
Year: 2010
Address: 755 W RIALTO AVE

Name: RAMOS AUTO CARE
Year: 2011
Address: 755 W RIALTO AVE

Name: RAMOS AUTO CARE
Year: 2012
Address: 755 W RIALTO AVE

27

**ERNIES MACHINE SHOP
755 W RIALTO AVE STE A
RIALTO, CA 92376**

**HAZNET S113144244
N/A**

HAZNET:
envid: S113144244
Year: 2006
GEPAID: CAL000311069
Contact: ERNESTO LEON LEON
Telephone: 9096445534
Mailing Name: Not reported
Mailing Address: 755 W RIALTO AVE STE A
Mailing City,St,Zip: RIALTO, CA 923765645
Gen County: Not reported
TSD EPA ID: CAD981696420
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery
(H010-H129) Or (H131-H135)
Tons: 0.02
Cat Decode: Waste oil and mixed oil
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery
(H010-H129) Or (H131-H135)
Facility County: San Bernardino

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
EPA ID Number

Database(s)

27 CESAR CARBURATOR
775 W RIALTO AVE STE A
RIALTO, CA 92376

HAZNET S113157552
N/A

HAZNET:
envid: S113157552
Year: 2011
GEPAID: CAL000348122
Contact: OSCAR GOMEZ
Telephone: 9098069754
Mailing Name: Not reported
Mailing Address: 775 W RIALTO AVE STE A
Mailing City,St,Zip: RIALTO, CA 923765646
Gen County: Not reported
TSD EPA ID: NVT330010000
TSD County: Not reported
Waste Category: Oil/water separation sludge
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Tons: 0.075
Cat Decode: Oil/water separation sludge
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Facility County: San Bernardino

27 775 W RIALTO AVE
RIALTO, CA 92376

EDR Hist Auto 1015631049
N/A

EDR Historical Auto Stations:

Name: ALS AUTO SMOG
Year: 2001
Address: 775 W RIALTO AVE

Name: ALS AUTO SMOG
Year: 2002
Address: 775 W RIALTO AVE

Name: ALS AUTO SMOG
Year: 2003
Address: 775 W RIALTO AVE

Name: ALS AUTO SMOG
Year: 2004
Address: 775 W RIALTO AVE

Name: ALS AUTO SMOG
Year: 2005
Address: 775 W RIALTO AVE

Name: ALS AUTO SMOG
Year: 2006
Address: 775 W RIALTO AVE

Name: ALS AUTO SMOG
Year: 2007
Address: 775 W RIALTO AVE

Name: MIRA LOMA AUTO SERVICE INC
Year: 2008

MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		
Distance (ft.)Site	Database(s)	EPA ID Number

(Continued)

1015631049

Address: 775 W RIALTO AVE

Name: OLVERA AUTO REPAIR
Year: 2010
Address: 775 W RIALTO AVE

Name: PAYLESS TOWING & COMPLETE AUTOBODY R
Year: 2011
Address: 775 W RIALTO AVE

Name: MIRA LOMA AUTO SERVICE
Year: 2012
Address: 775 W RIALTO AVE

27

J&J RADIATOR & MUFFLER
735 W RIALTO AVE STE D
RIALTO, CA 92376

HAZNET S113465681
N/A

HAZNET:

envid: S113465681
Year: 2010
GEPAID: CAL000280410
Contact: JOE LOPEZ
Telephone: 9098204159
Mailing Name: Not reported
Mailing Address: 735 W RIALTO AVE STE D
Mailing City,St,Zip: RIALTO, CA 923765644
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Unspecified aqueous solution
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.21
Cat Decode: Unspecified aqueous solution
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: San Bernardino

27

EXPRESS AUTO BODY REPAIR
735 W RIALTO AVE STE A
RIALTO, CA 92376

HAZNET S113144346
N/A

HAZNET:

envid: S113144346
Year: 2008
GEPAID: CAL000311369
Contact: LUIS HERNANDEZ
Telephone: 9098742370
Mailing Name: Not reported
Mailing Address: 735 W RIALTO AVE STE A
Mailing City,St,Zip: RIALTO, CA 923765644
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

EXPRESS AUTO BODY REPAIR (Continued)

S113144346

Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.132
Cat Decode: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: San Bernardino

envid: S113144346
Year: 2008
GEPAID: CAL000311369
Contact: LUIS HERNANDEZ
Telephone: 9098742370
Mailing Name: Not reported
Mailing Address: 735 W RIALTO AVE STE A
Mailing City,St,Zip: RIALTO, CA 923765644
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.6175
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: S113144346
Year: 2007
GEPAID: CAL000311369
Contact: LUIS HERNANDEZ
Telephone: 9098742370
Mailing Name: Not reported
Mailing Address: 735 W RIALTO AVE STE A
Mailing City,St,Zip: RIALTO, CA 923765644
Gen County: Not reported
TSD EPA ID: CAD028409019
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.04
Cat Decode: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: San Bernardino

envid: S113144346
Year: 2007
GEPAID: CAL000311369
Contact: LUIS HERNANDEZ
Telephone: 9098742370
Mailing Name: Not reported
Mailing Address: 735 W RIALTO AVE STE A
Mailing City,St,Zip: RIALTO, CA 923765644
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

EXPRESS AUTO BODY REPAIR (Continued)

S113144346

(H010-H129) Or (H131-H135)
Tons: 0.1
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: San Bernardino

27

**SOUTHWEST MATERIALS AND HANDLING
735 W RIALTO AVE UNIT D
RIALTO, CA 92376**

**RCRA-SQG 1001967681
HAZNET CAR000071951
ECHO**

RCRA-SQG:

Date form received by agency: 04/28/2000
Facility name: SOUTHWEST MATERIALS AND HANDLING
Facility address: 735 W RIALTO AVE UNIT D
RIALTO, CA 923765655
EPA ID: CAR000071951
Mailing address: P O BOX 2090
RIALTO, CA 92377
Contact: ROBERT OLDENBURG
Contact address: 735 W RIALTO AVE UNIT D
RIALTO, CA 923765655
Contact country: US
Contact telephone: (909) 875-8170
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: GARY LITTLE
Owner/operator address: 735 W RIALTO AVE UNIT D
RIALTO, CA 92376
Owner/operator country: Not reported
Owner/operator telephone: (909) 875-8170
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SOUTHWEST MATERIALS AND HANDLING (Continued)

1001967681

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D000
. Waste name: Not Defined

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

HAZNET:

envid: 1001967681
Year: 2001
GEPID: CAR000071951
Contact: SOUTHWEST MATERIALS AND HANDLING
Telephone: Not reported
Mailing Name: Not reported
Mailing Address: P O BOX 2090
Mailing City,St,Zip: RIALTO, CA 923770000
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: 1.66
Cat Decode: Unspecified organic liquid mixture
Method Decode: Transfer Station
Facility County: San Bernardino

envid: 1001967681
Year: 2000
GEPID: CAR000071951
Contact: SOUTHWEST MATERIALS AND HANDLING
Telephone: Not reported
Mailing Name: Not reported
Mailing Address: P O BOX 2090
Mailing City,St,Zip: RIALTO, CA 923770000
Gen County: Not reported
TSD EPA ID: CAT000613893
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: 0.6
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Transfer Station
Facility County: San Bernardino

ECHO:

Envid: 1001967681
Registry ID: 110002936244
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002936244

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

27

**735 W RIALTO AVE
RIALTO, CA 92376**

EDR Hist Auto

**1015620669
N/A**

EDR Historical Auto Stations:

Name: EXPRESS AUTOMOTIVE & TOWING
Year: 2003
Address: 735 W RIALTO AVE

Name: JALISCO AUTO REPAIR
Year: 2004
Address: 735 W RIALTO AVE

Name: JALISCO AUTO REPAIR
Year: 2005
Address: 735 W RIALTO AVE

Name: JALISCO AUTO REPAIR
Year: 2006
Address: 735 W RIALTO AVE

Name: JALISCO AUTO REPAIR
Year: 2007
Address: 735 W RIALTO AVE

Name: ALEX BODY SHOP
Year: 2009
Address: 735 W RIALTO AVE

Name: JALISCO AUTO REPAIR
Year: 2010
Address: 735 W RIALTO AVE

Name: JALISCO AUTO REPAIR
Year: 2011
Address: 735 W RIALTO AVE

Name: S P SULA BODY SHOP
Year: 2012
Address: 735 W RIALTO AVE

27

**735 W RIALTO AVE
RIALTO, CA 92376**

EDR Hist Cleaner

**1015092426
N/A**

EDR Historical Cleaners:

Name: ON THE MARC PRESSURE WASHING
Year: 2005
Address: 735 W RIALTO AVE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

27

**725 W RIALTO AVE
RIALTO, CA 92376**

**EDR Hist Auto 1015617388
N/A**

EDR Historical Auto Stations:

Name: AFFORDABLE AUTO SERVICE
Year: 2000
Address: 725 W RIALTO AVE

Name: AFFORDABLE AUTO SERVICE
Year: 2001
Address: 725 W RIALTO AVE

Name: AFFORDABLE AUTO SERVICE
Year: 2002
Address: 725 W RIALTO AVE

Name: AFFORDABLE AUTO SERVICE
Year: 2003
Address: 725 W RIALTO AVE

Name: GUADALAJARA AUTO REPAIR
Year: 2004
Address: 725 W RIALTO AVE

Name: PRO STOP AUTO CENTER
Year: 2005
Address: 725 W RIALTO AVE

Name: PRO STOP AUTO CENTER
Year: 2006
Address: 725 W RIALTO AVE

Name: AFFORDABLE AUTO SERVICE
Year: 2007
Address: 725 W RIALTO AVE

Name: AFFORDABLE AUTO SERVICE
Year: 2008
Address: 725 W RIALTO AVE

Name: PRO STOP AUTO CENTER
Year: 2009
Address: 725 W RIALTO AVE

Name: AFFORDABLE AUTO SVC
Year: 2010
Address: 725 W RIALTO AVE

Name: AFFORDABLE AUTO SERVICE
Year: 2011
Address: 725 W RIALTO AVE

Name: GUAD ELECTRIC & AUTO REPAIR
Year: 2012
Address: 725 W RIALTO AVE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
Database(s)
EPA ID Number

27 GUAD AUTO REPAIR
725 W RIALTO AVE STE B
RIALTO, CA 92376 HAZNET S113123391
N/A

HAZNET:
envid: S113123391
Year: 2011
GEPAID: CAL000262562
Contact: ARMANDO MERCADO
Telephone: 9094214435
Mailing Name: Not reported
Mailing Address: 725 W RIALTO AVE STE B
Mailing City,St,Zip: RIALTO, CA 92376
Gen County: Not reported
TSD EPA ID: CAD982446874
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery
(H010-H129) Or (H131-H135)
Tons: 0.2085
Cat Decode: Unspecified oil-containing waste
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery
(H010-H129) Or (H131-H135)
Facility County: San Bernardino

28 261 W RIALTO AVE
RIALTO, CA 92376 EDR Hist Auto 1015372748
N/A

EDR Historical Auto Stations:
Name: CERTIFIED AUTO SPECIALTIES
Year: 2003
Address: 261 W RIALTO AVE

Name: CERTIFIED AUTO SPECIALTIES
Year: 2004
Address: 261 W RIALTO AVE

Name: CERTIFIED AUTO SPECIALTIES
Year: 2005
Address: 261 W RIALTO AVE

Name: CERTIFIED AUTO SPECIALTIES
Year: 2006
Address: 261 W RIALTO AVE

Name: CERTIFIED AUTO SPECIALTIES
Year: 2007
Address: 261 W RIALTO AVE

Name: CERTIFIED AUTO SPECIALTIES
Year: 2008
Address: 261 W RIALTO AVE

Name: CERTIFIED AUTO SPECIALTIES
Year: 2010
Address: 261 W RIALTO AVE

Name: CERTIFIED AUTO SPECIALTIES
Year: 2011

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

1015372748

Address: 261 W RIALTO AVE
Name: CERTIFIED AUTO SPECIALTIES
Year: 2012
Address: 261 W RIALTO AVE

28

CERTIFIED AUTO REPAIR
261 RIALTO AVE
RIALTO, CA 92376

RCRA-SQG 1000819100
ECHO CAD983650672

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: CERTIFIED AUTO REPAIR
Facility address: 261 RIALTO AVE
RIALTO, CA 92376
EPA ID: CAD983650672
Mailing address: RIALTO AVE
RIALTO, CA 92376
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: JERRY AMATO
Owner/operator address: 261 RIALTO AVE
RIALTO, CA 92376
Owner/operator country: Not reported
Owner/operator telephone: (714) 875-4412
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

CERTIFIED AUTO REPAIR (Continued)
1000819100

Used oil transfer facility: No
 Used oil transporter: No

Violation Status: No violations found

ECHO:

Envid: 1000819100
 Registry ID: 110002886208
 DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002886208

28
**146 S WILLOW AVE
 RIALTO, CA 92376**
**EDR Hist Auto 1015231529
 N/A**
EDR Historical Auto Stations:

Name: SALAZAR AUTO REPAIR
 Year: 1999
 Address: 146 S WILLOW AVE

Name: SALAZAR AUTO REPAIR
 Year: 2001
 Address: 146 S WILLOW AVE

28
**RIALTO, CITY OF/ METROLIN
 290 RIALTO
 RIALTO, CA 92376**
**HIST CORTESE S105025780
 N/A**
HIST CORTESE:

Region: CORTESE
 Facility County Code: 36
 Reg By: LTNKA
 Reg Id: 083603008T

28
**MOBIL #18-ELG
 296 RIALTO
 RIALTO, CA 92376**
**HIST CORTESE S105025781
 N/A**
HIST CORTESE:

Region: CORTESE
 Facility County Code: 36
 Reg By: LTNKA
 Reg Id: 083602896T

28
**CONOCO OIL
 296 RIALTO
 RIALTO, CA 92376**
**HIST CORTESE S105025782
 N/A**
HIST CORTESE:

Region: CORTESE
 Facility County Code: 36
 Reg By: LTNKA
 Reg Id: 083602827T

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

28	RIALTO POLICE DEPT/FUEL FACILI	CA FID UST	S101619407
	128 S WILLOW	SWEEPS UST	N/A
	RIALTO, CA 92376		

CA FID UST:

Facility ID: 36008914
 Regulated By: UTNKA
 Regulated ID: 00035152
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: 7148202550
 Mail To: Not reported
 Mailing Address: 150 S PALM AVE
 Mailing Address 2: Not reported
 Mailing City, St, Zip: RIALTO 92376
 Contact: Not reported
 Contact Phone: Not reported
 DUNS Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

SWEEPS UST:

Status: Active
 Comp Number: 35152
 Number: 9
 Board Of Equalization: 44-020906
 Referral Date: 09-10-91
 Action Date: 09-10-91
 Created Date: 02-29-88
 Owner Tank Id: RPD-1
 SWRCB Tank Id: 36-000-035152-000001
 Tank Status: A
 Capacity: 10000
 Active Date: 07-01-85
 Tank Use: M.V. FUEL
 STG: P
 Content: REG UNLEADED
 Number Of Tanks: 2

Status: Active
 Comp Number: 35152
 Number: 9
 Board Of Equalization: 44-020906
 Referral Date: 09-10-91
 Action Date: 09-10-91
 Created Date: 02-29-88
 Owner Tank Id: RPD-GEN-5C
 SWRCB Tank Id: 36-000-035152-000003
 Tank Status: A
 Capacity: 500
 Active Date: 07-01-85
 Tank Use: M.V. FUEL
 STG: P
 Content: DIESEL
 Number Of Tanks: Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

28	RIALTO FIRE STA #1 131 S WILLOW RIALTO, CA 92376	CA FID UST SWEEPS UST	S101619406 N/A
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CA FID UST:

Facility ID:	36000746
Regulated By:	UTNKA
Regulated ID:	00035153
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	131 S WILLOW
Mailing Address 2:	Not reported
Mailing City, St, Zip:	RIALTO 92376
Contact:	Not reported
Contact Phone:	Not reported
DUNS Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

SWEEPS UST:

Status:	Active
Comp Number:	35153
Number:	4
Board Of Equalization:	44-020907
Referral Date:	09-10-91
Action Date:	09-10-91
Created Date:	02-29-88
Owner Tank Id:	RFD-5C-DSL
SWRCB Tank Id:	36-000-035153-000001
Tank Status:	A
Capacity:	6500
Active Date:	08-25-88
Tank Use:	M.V. FUEL
STG:	P
Content:	DIESEL
Number Of Tanks:	1

28	MCNEARNEY FAMILY MORTUARY 130 S WILLOW AVE RIALTO, CA 92376	HAZNET	S112936312 N/A
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HAZNET:

envid:	S112936312
Year:	2004
GEPAID:	CAC002575580
Contact:	KEITH BAUMGARDNER
Telephone:	9098822943
Mailing Name:	Not reported
Mailing Address:	130 S WILLOW AVE
Mailing City, St, Zip:	RIALTO, CA 92376
Gen County:	Not reported
TSD EPA ID:	CAD009007626
TSD County:	Not reported
Waste Category:	Asbestos containing waste
Disposal Method:	Disposal, Land Fill

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MCNEARNEY FAMILY MORTUARY (Continued)

S112936312

Tons: 0.5
Cat Decode: Asbestos containing waste
Method Decode: Disposal, Land Fill
Facility County: San Bernardino

28

CHMIRS S100223047
N/A

54 S WILLOW RIALTO, CA

CHMIRS:

OES Incident Number: 991954
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Date Completed: 05-MAR-88
Property Use: 400
Agency Id Number: 36185
Agency Incident Number: 902
Time Notified: 1043
Time Completed: 1103
Surrounding Area: Not reported
Estimated Temperature: 75
Property Management: P
More Than Two Substances Involved?: N
Resp Agncy Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: MICHAEL L POLINO
Report Date: 05-MAR-88
Facility Telephone: 714 820-2501
Waterway Involved: Not reported
Waterway: Not reported
Spill Site: Not reported
Cleanup By: Not reported
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Not reported
Other: Not reported
Date/Time: Not reported
Year: 88-92
Agency: Not reported
Incident Date: 05-MAR-88
Admin Agency: Not reported
Amount: Not reported
Contained: Not reported
Site Type: Not reported
E Date: Not reported
Substance: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S100223047

Unknown: Not reported
Substance #2: Not reported
Substance #3: Not reported
Evacuations: Not reported
Number of Injuries: Not reported
Number of Fatalities: Not reported
#1 Pipeline: Not reported
#2 Pipeline: Not reported
#3 Pipeline: Not reported
#1 Vessel >= 300 Tons: Not reported
#2 Vessel >= 300 Tons: Not reported
#3 Vessel >= 300 Tons: Not reported
Evacs: Not reported
Injuries: Not reported
Fatafs: Not reported
Comments: Y
Description: Not reported

28

CITY OF RIALTO PUBLIC WORKS
335 W RIALTO AVE
RIALTO, CA 92376

HAZNET S112980340
N/A

HAZNET:

envid: S112980340
Year: 2009
GEPAID: CAC002646182
Contact: LARRY EDWARDS
Telephone: 9098202608
Mailing Name: Not reported
Mailing Address: 150 S PALM AVE
Mailing City,St,Zip: RIALTO, CA 923766406
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.4066
Cat Decode: Waste oil and mixed oil
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

28

VEOLIA WATER NA
325 W RIALTO AVE
RIALTO, CA 92376

HAZNET S118211900
N/A

HAZNET:

envid: S118211900
Year: 2014
GEPAID: CAC002772999
Contact: STEPHANEE STAFFORD
Telephone: 9093011338
Mailing Name: Not reported
Mailing Address: 325 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 92376

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

VEOLIA WATER NA (Continued)

S118211900

Gen County: San Bernardino
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.175
Cat Decode: Unspecified oil-containing waste
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: San Bernardino

28

**VEOLIA WATER
325 W RIALTO AVE
RIALTO, CA 92376**

**HAZNET S117300386
N/A**

HAZNET:

envid: S117300386
Year: 2013
GEPAID: CAC002742954
Contact: STEPHANEE STAFFORD
Telephone: 9093011338
Mailing Name: Not reported
Mailing Address: 325 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 92376
Gen County: San Bernardino
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 5
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Not reported

envid: S117300386
Year: 2013
GEPAID: CAC002742954
Contact: STEPHANEE STAFFORD
Telephone: 9093011338
Mailing Name: Not reported
Mailing Address: 325 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 92376
Gen County: San Bernardino
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 8.34
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

29	AMERICAN ORNAMENTAL PROD 805 W RIALTO RIALTO, CA 92376	CA FID UST	S101591575 N/A
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CA FID UST:

Facility ID:	36008437
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:	805 W RIALTO
Mailing Address 2:	Not reported
Mailing City, St, Zip:	RIALTO 92376
Contact:	Not reported
Contact Phone:	Not reported
DUNS Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

29	SAN MAR CONSTRUCTION CO INC 805 W RIALTO AVE RIALTO, CA 92376	HAZNET	S113146851 N/A
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HAZNET:

envid:	S113146851
Year:	2014
GEPAID:	CAL000317805
Contact:	MIKE BEAUCHAMP
Telephone:	7149267263
Mailing Name:	Not reported
Mailing Address:	4875 E LA PALMA AVE STE 602
Mailing City, St, Zip:	ANAHEIM, CA 928071955
Gen County:	San Bernardino
TSD EPA ID:	CAD099452708
TSD County:	Los Angeles
Waste Category:	Waste oil and mixed oil
Disposal Method:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons:	0.57
Cat Decode:	Waste oil and mixed oil
Method Decode:	Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County:	San Bernardino

envid:	S113146851
Year:	2013
GEPAID:	CAL000317805
Contact:	MIKE BEAUCHAMP
Telephone:	7149267263
Mailing Name:	Not reported
Mailing Address:	4875 E LA PALMA AVE STE 602
Mailing City, St, Zip:	ANAHEIM, CA 928071955
Gen County:	San Bernardino
TSD EPA ID:	CAD099452708
TSD County:	Los Angeles
Waste Category:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SAN MAR CONSTRUCTION CO INC (Continued)

S113146851

Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 1.178
Cat Decode: Not reported
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: Not reported

envid: S113146851
Year: 2007
GEPAID: CAL000317805
Contact: MIKE BEAUCHAMP
Telephone: 7149267263
Mailing Name: Not reported
Mailing Address: 4875 E LA PALMA AVE STE 601
Mailing City,St,Zip: ANAHEIM, CA 92807
Gen County: Not reported
TSD EPA ID: CAD980884183
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.36
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

29

**ALCORN FENCE COMPANY
805 W RIALTO AVE
RIALTO, CA 92376**

**HAZNET S113170922
N/A**

HAZNET:
envid: S113170922
Year: 2005
GEPAID: CAP000096537
Contact: Victor Thibeault
Telephone: 8189830650
Mailing Name: Not reported
Mailing Address: 9901 Glenoaks Blvd
Mailing City,St,Zip: Sun Valley, CA 91352
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Recycler
Tons: 0.62
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Recycler
Facility County: San Bernardino

envid: S113170922
Year: 2005
GEPAID: CAP000096537
Contact: Victor Thibeault
Telephone: 8189830650
Mailing Name: Not reported
Mailing Address: 9901 Glenoaks Blvd

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ALCORN FENCE COMPANY (Continued)

S113170922

Mailing City,St,Zip: Sun Valley, CA 91352
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Transfer Station
Tons: 0
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113170922
Year: 2004
GEPAID: CAP000096537
Contact: Victor Thibeault
Telephone: 8189830650
Mailing Name: Not reported
Mailing Address: 9901 Glenoaks Blvd
Mailing City,St,Zip: Sun Valley, CA 91352
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Not reported
Tons: Not reported
Cat Decode: Other organic solids
Method Decode: Not reported
Facility County: San Bernardino

envid: S113170922
Year: 2004
GEPAID: CAP000096537
Contact: Victor Thibeault
Telephone: 8189830650
Mailing Name: Not reported
Mailing Address: 9901 Glenoaks Blvd
Mailing City,St,Zip: Sun Valley, CA 91352
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Disposal, Land Fill
Tons: Not reported
Cat Decode: Other organic solids
Method Decode: Disposal, Land Fill
Facility County: San Bernardino

envid: S113170922
Year: 2001
GEPAID: CAP000096537
Contact: Victor Thibeault
Telephone: 8189830650
Mailing Name: Not reported
Mailing Address: 9901 Glenoaks Blvd
Mailing City,St,Zip: Sun Valley, CA 91352
Gen County: Not reported
TSD EPA ID: CAD008252405

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ALCORN FENCE COMPANY (Continued)

S113170922

TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Recycler
Tons: 0.2
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Recycler
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

29

ALCORN FENCE CO
805 W RIALTO AVE
RIALTO, CA 92376

HAZNET S112916152
N/A

HAZNET:

envid: S112916152
Year: 2001
GEPAID: CAC002367743
Contact: VICTOR THIBEAULT
Telephone: 8189830650
Mailing Name: Not reported
Mailing Address: 9901 GLENOAKS BLVD
Mailing City,St,Zip: SUN VALLEY, CA 913520000
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Disposal, Land Fill
Tons: 1
Cat Decode: Other organic solids
Method Decode: Disposal, Land Fill
Facility County: San Bernardino

envid: S112916152
Year: 2001
GEPAID: CAC002367743
Contact: VICTOR THIBEAULT
Telephone: 8189830650
Mailing Name: Not reported
Mailing Address: 9901 GLENOAKS BLVD
Mailing City,St,Zip: SUN VALLEY, CA 913520000
Gen County: Not reported
TSD EPA ID: CAD099452708
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 3.12
Cat Decode: Unspecified oil-containing waste
Method Decode: Recycler
Facility County: San Bernardino

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
EPA ID Number

Database(s)

30 HUD
143 MACY ST
SAN BERNARDINO, CA 92410

HAZNET S112880943
N/A

HAZNET:
envid: S112880943
Year: 1997
GEPAID: CAC001305728
Contact: HUD
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 2086 SOUTH E ST STE 204
Mailing City,St,Zip: SAN BERNARDINO, CA 924000000
Gen County: Not reported
TSD EPA ID: CAD000088252
TSD County: Not reported
Waste Category: Household waste
Disposal Method: Transfer Station
Tons: .0833
Cat Decode: Household waste
Method Decode: Transfer Station
Facility County: San Bernardino

31 MELCHOR BRICEOCENO
139 ACACIA AVE
SAN BERNARDINO, CA 92376

HAZNET S113180970
N/A

HAZNET:
envid: S113180970
Year: 1996
GEPAID: CLU960003856
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: DTSC CLU/ERU
Mailing City,St,Zip: SACRAMENTO, CA 958120806
Gen County: Not reported
TSD EPA ID: CAT080010101
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: .1500
Cat Decode: Other organic solids
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113180970
Year: 1996
GEPAID: CLU960003856
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: DTSC CLU/ERU
Mailing City,St,Zip: SACRAMENTO, CA 958120806
Gen County: Not reported
TSD EPA ID: CAT080010101
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Treatment, Tank
Tons: .2000

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

MELCHOR BRICEOCENO (Continued)

S113180970

Cat Decode: Other inorganic solid waste
Method Decode: Treatment, Tank
Facility County: San Bernardino

envid: S113180970
Year: 1996
GEPAID: CLU960003856
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: DTSC CLU/ERU
Mailing City,St,Zip: SACRAMENTO, CA 958120806
Gen County: Not reported
TSD EPA ID: CAT080010101
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: .0100
Cat Decode: Unspecified organic liquid mixture
Method Decode: Transfer Station
Facility County: San Bernardino

31

**HUD INTOWN PROPERTIES
138 ENCINA AVE S
RIALTO, CA 92376**

**HAZNET S112899399
N/A**

HAZNET:
envid: S112899399
Year: 1999
GEPAID: CAC002130488
Contact: HUD
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 7365 CARNELIAN # 105
Mailing City,St,Zip: RANCHO CUCAMONGA, CA 917300000
Gen County: Not reported
TSD EPA ID: CAD028209109
TSD County: Not reported
Waste Category: Household waste
Disposal Method: Transfer Station
Tons: .1800
Cat Decode: Household waste
Method Decode: Transfer Station
Facility County: San Bernardino

32

**144 S JOYCE AVE
RIALTO, CA 92376**

**EDR Hist Cleaner 1014993816
N/A**

EDR Historical Cleaners:
Name: MAYORGAS CARPET CLEANING
Year: 2009
Address: 144 S JOYCE AVE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
EPA ID Number

Database(s)

32 **IVAN & CLEATUS HAYS**
138 S JOYCE AVE
RIALTO, CA 92376

HAZNET **S117293532**
N/A

HAZNET:
envid: S117293532
Year: 2013
GEPAID: CAC002732823
Contact: IVAN & CLEATUS HAYS
Telephone: 9098754063
Mailing Name: Not reported
Mailing Address: 138 S JOYCE AVE
Mailing City,St,Zip: RIALTO, CA 92376
Gen County: San Bernardino
TSD EPA ID: AZC950823111
TSD County: 99
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.4
Cat Decode: Not reported
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: Not reported

33 **D AND M AUTOMOTIVE**
220 S DATE ST
RIALTO, CA 92376

HAZNET **S113048785**
N/A

HAZNET:
envid: S113048785
Year: 1998
GEPAID: CAL000070776
Contact: DONALD R WILSON/MELINDA S WILS
Telephone: 9098740161
Mailing Name: Not reported
Mailing Address: 220 DATE ST S
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAL000113451
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: .0000
Cat Decode: Unspecified organic liquid mixture
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113048785
Year: 1997
GEPAID: CAL000070776
Contact: DONALD R WILSON/MELINDA S WILS
Telephone: 9098740161
Mailing Name: Not reported
Mailing Address: 220 DATE ST S
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAL000113451
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

D AND M AUTOMOTIVE (Continued)

S113048785

Disposal Method: Transfer Station
Tons: .6046
Cat Decode: Unspecified organic liquid mixture
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113048785
Year: 1996
GEPAID: CAL000070776
Contact: DONALD R WILSON/MELINDA S WILS
Telephone: 9098740161
Mailing Name: Not reported
Mailing Address: 220 DATE ST S
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAL000113451
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: 1.1675
Cat Decode: Unspecified organic liquid mixture
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113048785
Year: 1995
GEPAID: CAL000070776
Contact: DONALD R WILSON/MELINDA S WILS
Telephone: 9098740161
Mailing Name: Not reported
Mailing Address: 220 DATE ST S
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAL000113451
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: 1.0633
Cat Decode: Unspecified organic liquid mixture
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113048785
Year: 1994
GEPAID: CAL000070776
Contact: DONALD R WILSON/MELINDA S WILS
Telephone: 9098740161
Mailing Name: Not reported
Mailing Address: 220 DATE ST S
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAL000113451
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: .8756
Cat Decode: Unspecified organic liquid mixture

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

D AND M AUTOMOTIVE (Continued)

S113048785

Method Decode: Transfer Station
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
5 additional CA_HAZNET: record(s) in the EDR Site Report.

33

**220 S DATE AVE
RIALTO, CA 92376**

**EDR Hist Auto 1015332898
N/A**

EDR Historical Auto Stations:

Name: AUTO REPAIR
Year: 1999
Address: 220 S DATE AVE

Name: AUTO REPAIR
Year: 2000
Address: 220 S DATE AVE

Name: AUTO REPAIR
Year: 2001
Address: 220 S DATE AVE

Name: AUTO REPAIR
Year: 2002
Address: 220 S DATE AVE

Name: NAPA AUTO CARE FLORES
Year: 2011
Address: 220 S DATE AVE

33

**NAPA AUTO CARE-FLORES
220 S DATE AVE
RIALTO, CA 92376**

**HAZNET S113467237
N/A**

HAZNET:

envid: S113467237
Year: 2012
GEPAID: CAL000343460
Contact: ROSE A FLORES
Telephone: 9098206146
Mailing Name: Not reported
Mailing Address: 419 W MERRIL AVE
Mailing City,St,Zip: RIALTO, CA 923766321
Gen County: San Bernardino
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Tons: 0.76
Cat Decode: Not reported
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration,
Organics Recovery Ect
Facility County: San Bernardino

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

NAPA AUTO CARE-FLORES (Continued)

S113467237

envid: S113467237
Year: 2010
GEPAID: CAL000343460
Contact: ROSE A FLORES
Telephone: 9098206146
Mailing Name: Not reported
Mailing Address: 419 W MERRIL AVE
Mailing City,St,Zip: RIALTO, CA 923766321
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Unspecified aqueous solution
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.2604
Cat Decode: Unspecified aqueous solution
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: San Bernardino

envid: S113467237
Year: 2010
GEPAID: CAL000343460
Contact: ROSE A FLORES
Telephone: 9098206146
Mailing Name: Not reported
Mailing Address: 419 W MERRIL AVE
Mailing City,St,Zip: RIALTO, CA 923766321
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.456
Cat Decode: Waste oil and mixed oil
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: San Bernardino

33

**JERRY DEAN WILLIAMS
205 S DATE ST
RIALTO, CA 92376**

**HAZNET S113182171
N/A**

HAZNET:
envid: S113182171
Year: 1997
GEPAID: CLU970014663
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 806
Mailing City,St,Zip: SACRAMENTO, CA 958120806
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Unspecified solvent mixture
Disposal Method: Recycler

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

JERRY DEAN WILLIAMS (Continued)

S113182171

Tons: .0500
Cat Decode: Unspecified solvent mixture
Method Decode: Recycler
Facility County: San Bernardino

envid: S113182171
Year: 1997
GEPAID: CLU970014663
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 806
Mailing City,St,Zip: SACRAMENTO, CA 958120806
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Transfer Station
Tons: .0300
Cat Decode: Other inorganic solid waste
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113182171
Year: 1997
GEPAID: CLU970014663
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 806
Mailing City,St,Zip: SACRAMENTO, CA 958120806
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Liquids with pH <= 2
Disposal Method: Transfer Station
Tons: .0375
Cat Decode: Liquids with pH <= 2
Method Decode: Transfer Station
Facility County: San Bernardino

34

200 SOUTH SYCAMORE AVE.
BLOOMINGTON, CA 92376

CHMIRS S118738144
N/A

CHMIRS:
OES Incident Number: 16-1661
OES notification: 03/17/2016
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S118738144

Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Rail Road
Cleanup By:	Unrecoverable
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	PETROLEUM
Measure:	Gal(s)
Other:	Not reported
Date/Time:	154
Year:	2016
Agency:	UPRR
Incident Date:	03/17/2016
Admin Agency:	San Bernardino County Fire Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Locomotive Oil
Quantity Released:	20
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	No
#2 Pipeline:	No
#3 Pipeline:	No
#1 Vessel >= 300 Tons:	No
#2 Vessel >= 300 Tons:	No
#3 Vessel >= 300 Tons:	No
Evacs:	No
Injuries:	No
Fatals:	No
Comments:	Not reported
Description:	RP states, "An engine blew in the locomotive

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S118738144

facility as it was out-bounding which caused approx 20 gallons of locomotive oil to be released. A secondary containment was able to capture all of the release. No fire or injuries reported from the incident."

35 RIALTO, CITY OF/ METROLINK
290 S PALM AVE
RIALTO, CA

RGA LUST S114676663
N/A

RGA LUST:

2012	RIALTO, CITY OF/ METROLINK	290 S PALM AVE
2011	RIALTO, CITY OF/ METROLINK	290 S PALM AVE
2010	RIALTO, CITY OF/ METROLINK	290 S PALM AVE
2009	RIALTO, CITY OF/ METROLINK	290 S PALM AVE
2008	RIALTO, CITY OF/ METROLINK	290 S PALM AVE

35 CITY OF RIALTO/REDEVELOPMENT AGENCY
290 S PALM AVE
RIALTO, CA 92376

HAZNET S112880637
N/A

HAZNET:

envid:	S112880637
Year:	1997
GEPAID:	CAC001302736
Contact:	CITY OF RIALTO
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	150 S PALM AVE
Mailing City,St,Zip:	RIALTO, CA 923760000
Gen County:	Not reported
TSD EPA ID:	CAT080013352
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil
Disposal Method:	Recycler
Tons:	.6255
Cat Decode:	Waste oil and mixed oil
Method Decode:	Recycler
Facility County:	San Bernardino

35 RIALTO, CITY OF/ METROLINK
290 S PALM AVE
RIALTO, CA 92376

LUST S103649811
N/A

LUST:

Region:	STATE
Global Id:	T0607100448
Latitude:	34.097011
Longitude:	-117.373245
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	11/24/1997
Lead Agency:	SAN BERNARDINO COUNTY
Case Worker:	Not reported
Local Agency:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RIALTO, CITY OF/ METROLINK (Continued)

S103649811

RB Case Number: 083603008T
LOC Case Number: 97024
File Location: Local Agency
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0607100448
Contact Type: Regional Board Caseworker
Contact Name: NANCY OLSON-MARTIN
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: nolson-martin@waterboards.ca.gov
Phone Number: Not reported

Status History:

Global Id: T0607100448
Status: Completed - Case Closed
Status Date: 11/24/1997

Global Id: T0607100448
Status: Open - Case Begin Date
Status Date: 04/23/1997

Global Id: T0607100448
Status: Open - Site Assessment
Status Date: 04/30/1997

Regulatory Activities:

Global Id: T0607100448
Action Type: REMEDIATION
Date: 04/23/1997
Action: Excavation

Global Id: T0607100448
Action Type: ENFORCEMENT
Date: 11/24/1997
Action: Closure/No Further Action Letter

Global Id: T0607100448
Action Type: Other
Date: 04/30/1997
Action: Leak Discovery

Global Id: T0607100448
Action Type: Other
Date: 05/08/1997
Action: Leak Reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site
Database(s)
EDR ID Number
EPA ID Number

35
289 S PALM AVE
RIALTO, CA 92376
EDR Hist Auto
1015391245
N/A

EDR Historical Auto Stations:

Name: P & G AUTO
Year: 2005
Address: 289 S PALM AVE

Name: P & G AUTO
Year: 2006
Address: 289 S PALM AVE

Name: P & G AUTO PARTS
Year: 2007
Address: 289 S PALM AVE

35
SILVA PARCELS #8
241 S. PALM AVENUE AND 239/249 S. ORANGE AVENUE
RIALTO, CA 92376
US BROWNFIELDS
1015878811
N/A

US BROWNFIELDS:

Recipient name: Redevelopment Agency of the City of Rialto
Grant type: Assessment
Property name: SILVA PARCELS #8
Property #: 0130-281-35-0000
Parcel size: .4
Property Description: Current owner is Mr. John Silva. Current property use is auto repair and tow shop
Latitude: 34.088241
Longitude: -117.37207920000003
HCM label: Address Matching-House Number
Map scale: Not reported
Point of reference: Entrance Point of a Facility or Station
Datum: North American Datum of 1983
ACRES property ID: 150849
Start date: Not reported
Completed date: Not reported
Acres cleaned up: Not reported
Cleanup funding: Not reported
Cleanup funding source: Not reported
Assessment funding: 2300
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding: Not reported
Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: Not reported
Assessment funding entity: EPA
Cleanup funding entity: Not reported
Grant type: Hazardous
Accomplishment type: Phase I Environmental Assessment
Accomplishment count: 1
Cooperative agreement #: 00T52301
Ownership entity: Private
Current owner: Not reported
Did owner change: N
Cleanup required: Unknown
Video available: Not reported
Photo available: Yes
Institutional controls required: U

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SILVA PARCELS #8 (Continued)

1015878811

IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contaminants found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	.4
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.4
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SILVA PARCELS #8 (Continued)

1015878811

Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Highlights:	Not reported
IC Data Address:	Not reported
Redev Completion Date:	Not reported
# Below Poverty:	1618
% Below Poverty:	4.9%
# Low Income:	5313
% Low Income:	1.5%
Meidan Income:	3962
# Unemployed:	464
% Unemployed:	16.9%
# Vacant Housing:	217
% Vacant Housing:	36.1%

35

SILVA PARCELS #5
241 S. PALM AVENUE AND 239/249 S. ORANGE AVENUE
RIALTO, CA 92376

US BROWNFIELDS 1015878808
N/A

US BROWNFIELDS:

Recipient name:	Redevelopment Agency of the City of Rialto
Grant type:	Assessment
Property name:	SILVA PARCELS #5
Property #:	0130-271-25-0000
Parcel size:	.1
Property Description:	Current owner is Mr. John Silva. Current property use is auto repair and tow shop
Latitude:	34.088241
Longitude:	-117.37207920000003
HCM label:	Address Matching-House Number
Map scale:	Not reported
Point of reference:	Entrance Point of a Facility or Station
Datum:	North American Datum of 1983

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SILVA PARCELS #5 (Continued)

1015878808

ACRES property ID:	150845
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	2300
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	Hazardous
Accomplishment type:	Phase I Environmental Assessment
Accomplishment count:	1
Cooperative agreement #:	00T52301
Ownership entity:	Private
Current owner:	Not reported
Did owner change:	N
Cleanup required:	Unknown
Video available:	Not reported
Photo available:	Yes
Institutional controls required:	U
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SILVA PARCELS #5 (Continued)

1015878808

Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	.1
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.1
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Highlights:	Not reported
IC Data Address:	Not reported
Redev Completion Date:	Not reported
# Below Poverty:	1618
% Below Poverty:	4.9%

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SILVA PARCELS #5 (Continued)

1015878808

Low Income: 5313
% Low Income: 1.5%
Median Income: 3962
Unemployed: 464
% Unemployed: 16.9%
Vacant Housing: 217
% Vacant Housing: 36.1%

35

SILVA PARCELS #2 241 S. PALM AVENUE AND 239/249 S. ORANGE AVENUE RIALTO, CA 92376

US BROWNFIELDS 1015878805
N/A

US BROWNFIELDS:

Recipient name: Redevelopment Agency of the City of Rialto
Grant type: Assessment
Property name: SILVA PARCELS #2
Property #: 0130-271-02-0000
Parcel size: .1
Property Description: Current owner is Mr. John Silva. Current property use is auto repair and tow shop
Latitude: 34.088241
Longitude: -117.37207920000003
HCM label: Address Matching-House Number
Map scale: Not reported
Point of reference: Entrance Point of a Facility or Station
Datum: North American Datum of 1983
ACRES property ID: 150841
Start date: Not reported
Completed date: Not reported
Acres cleaned up: Not reported
Cleanup funding: Not reported
Cleanup funding source: Not reported
Assessment funding: 2300
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding: Not reported
Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: Not reported
Assessment funding entity: EPA
Cleanup funding entity: Not reported
Grant type: Hazardous
Accomplishment type: Phase I Environmental Assessment
Accomplishment count: 1
Cooperative agreement #: 00T52301
Ownership entity: Not reported
Current owner: Not reported
Did owner change: N
Cleanup required: Unknown
Video available: Not reported
Photo available: Yes
Institutional controls required: U
IC Category proprietary controls: Not reported
IC cat. info. devices: Not reported
IC cat. gov. controls: Not reported
IC cat. enforcement permit tools: Not reported
IC in place date: Not reported
IC in place: Not reported
State/tribal program date: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SILVA PARCELS #2 (Continued)

1015878805

State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	.1
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.1
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SILVA PARCELS #2 (Continued)

1015878805

Unknown clean up: Not reported
Arsenic contaminant found: Not reported
Cadmium contaminant found: Not reported
Chromium contaminant found: Not reported
Copper contaminant found: Not reported
Iron contaminant found: Not reported
Mercury contaminant found: Not reported
Nickel contaminant found: Not reported
No contaminant found: Not reported
Pesticides contaminant found: Not reported
Selenium contaminant found: Not reported
SVOCs contaminant found: Not reported
Unknown contaminant found: Not reported
Future Use: Multistory Not reported
Media affected Bluiding Material: Not reported
Media affected indoor air: Not reported
Building material media cleaned up: Not reported
Indoor air media cleaned up: Not reported
Unknown media cleaned up: Not reported
Past Use: Multistory Not reported
Highlights: Not reported
IC Data Address: Not reported
Redev Completion Date: Not reported
Below Poverty: 1618
% Below Poverty: 4.9%
Low Income: 5313
% Low Income: 1.5%
Meidan Income: 3962
Unemployed: 464
% Unemployed: 16.9%
Vacant Housing: 217
% Vacant Housing: 36.1%

35

SILVA PARCELS #9
241 S. PALM AVENUE AND 239/249 S. ORANGE AVENUE
RIALTO, CA 92376

US BROWNFIELDS 1015878812
N/A

US BROWNFIELDS:

Recipient name: Redevelopment Agency of the City of Rialto
Grant type: Assessment
Property name: SILVA PARCELS #9
Property #: 0130-281-36-0000
Parcel size: .2
Property Description: Current property owner is Mr. John Silva. Current property use is auto repair and tow shop
Latitude: 34.088241
Longitude: -117.37207920000003
HCM label: Address Matching-House Number
Map scale: Not reported
Point of reference: Entrance Point of a Facility or Station
Datum: North American Datum of 1983
ACRES property ID: 150851
Start date: Not reported
Completed date: Not reported
Acres cleaned up: Not reported
Cleanup funding: Not reported
Cleanup funding source: Not reported
Assessment funding: 2300

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SILVA PARCELS #9 (Continued)

1015878812

Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	Hazardous
Accomplishment type:	Phase I Environmental Assessment
Accomplishment count:	1
Cooperative agreement #:	00T52301
Ownership entity:	Private
Current owner:	Not reported
Did owner change:	N
Cleanup required:	Unknown
Video available:	Not reported
Photo available:	Yes
Institutional controls required:	U
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contaminants found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SILVA PARCELS #9 (Continued)

1015878812

VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	.2
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.2
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Highlights:	Not reported
IC Data Address:	Not reported
Redev Completion Date:	Not reported
# Below Poverty:	1618
% Below Poverty:	4.9%
# Low Income:	5313
% Low Income:	1.5%
Meidan Income:	3962
# Unemployed:	464
% Unemployed:	16.9%
# Vacant Housing:	217
% Vacant Housing:	36.1%

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number
35	J & K AUTO BODY 241 S PALM RIALTO, CA 92376 RCRA-SQG: Date form received by agency: 08/25/1987 Facility name: J & K AUTO BODY Facility address: 241 S PALM RIALTO, CA 92376 EPA ID: CAD982031569 Contact: ENVIRONMENTAL MANAGER Contact address: 241 S PALM RIALTO, CA 92376 Contact country: US Contact telephone: (714) 875-0400 Contact email: Not reported EPA Region: 09 Classification: Small Small Quantity Generator Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time Owner/Operator Summary: Owner/operator name: JOHN SILVA Owner/operator address: NOT REQUIRED NOT REQUIRED, ME 99999 Owner/operator country: Not reported Owner/operator telephone: (415) 555-1212 Legal status: Private Owner/Operator Type: Owner Owner/Op start date: Not reported Owner/Op end date: Not reported Owner/operator name: NOT REQUIRED Owner/operator address: NOT REQUIRED NOT REQUIRED, ME 99999 Owner/operator country: Not reported Owner/operator telephone: (415) 555-1212 Legal status: Private Owner/Operator Type: Operator Owner/Op start date: Not reported Owner/Op end date: Not reported Handler Activities Summary: U.S. importer of hazardous waste: No Mixed waste (haz. and radioactive): No Recycler of hazardous waste: No Transporter of hazardous waste: No Treater, storer or disposer of HW: No Underground injection activity: No On-site burner exemption: No Furnace exemption: No Used oil fuel burner: No Used oil processor: No User oil refiner: No Used oil fuel marketer to burner: No	RCRA-SQG HAZNET ECHO	1000121169 CAD982031569

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

J & K AUTO BODY (Continued)

1000121169

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

HAZNET:

envid: 1000121169
Year: 2003
GEPAID: CAD982031569
Contact: --
Telephone: --
Mailing Name: Not reported
Mailing Address: 241 S PALM AVE
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAT000613927
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: 0.06
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Transfer Station
Facility County: San Bernardino

envid: 1000121169
Year: 2002
GEPAID: CAD982031569
Contact: --
Telephone: --
Mailing Name: Not reported
Mailing Address: 241 S PALM AVE
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAT000613927
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: 0.24
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Transfer Station
Facility County: San Bernardino

ECHO:

Envid: 1000121169
Registry ID: 110002783195
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002783195

MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		
Distance (ft.)	Site	Database(s) EPA ID Number

35	SILVA PARCELS #7 241 S. PALM AVENUE AND 239/249 S. ORANGE AVENUE RIALTO, CA 92376	US BROWNFIELDS	1015878810 N/A
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US BROWNFIELDS:

Recipient name:	Redevelopment Agency of the City of Rialto
Grant type:	Assessment
Property name:	SILVA PARCELS #7
Property #:	0130-271-27-0000
Parcel size:	.1
Property Description:	Current property owner is Mr. John Silva. Current property use is auto repair and tow shop
Latitude:	34.088241
Longitude:	-117.37207920000003
HCM label:	Address Matching-House Number
Map scale:	Not reported
Point of reference:	Entrance Point of a Facility or Station
Datum:	North American Datum of 1983
ACRES property ID:	150847
Start date:	Not reported
Completed date:	Not reported
Acres cleaned up:	Not reported
Cleanup funding:	Not reported
Cleanup funding source:	Not reported
Assessment funding:	2300
Assessment funding source:	US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding:	Not reported
Redev. funding source:	Not reported
Redev. funding entity name:	Not reported
Redevelopment start date:	Not reported
Assessment funding entity:	EPA
Cleanup funding entity:	Not reported
Grant type:	Hazardous
Accomplishment type:	Phase I Environmental Assessment
Accomplishment count:	1
Cooperative agreement #:	00T52301
Ownership entity:	Private
Current owner:	Not reported
Did owner change:	N
Cleanup required:	Unknown
Video available:	Not reported
Photo available:	Yes
Institutional controls required:	U
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SILVA PARCELS #7 (Continued)

1015878810

Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	.1
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.1
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SILVA PARCELS #7 (Continued)

1015878810

Pesticides contaminant found: Not reported
Selenium contaminant found: Not reported
SVOCs contaminant found: Not reported
Unknown contaminant found: Not reported
Future Use: Multistory Not reported
Media affected Bluiding Material: Not reported
Media affected indoor air: Not reported
Building material media cleaned up: Not reported
Indoor air media cleaned up: Not reported
Unknown media cleaned up: Not reported
Past Use: Multistory Not reported
Highlights: Not reported
IC Data Address: Not reported
Redev Completion Date: Not reported
Below Poverty: 1618
% Below Poverty: 4.9%
Low Income: 5313
% Low Income: 1.5%
Meidan Income: 3962
Unemployed: 464
% Unemployed: 16.9%
Vacant Housing: 217
% Vacant Housing: 36.1%

35

SILVA PARCELS #4
241 S. PALM AVENUE AND 239/249 S. ORANGE AVENUE
RIALTO, CA 92376

US BROWNFIELDS 1015878807
N/A

US BROWNFIELDS:

Recipient name: Redevelopment Agency of the City of Rialto
Grant type: Assessment
Property name: SILVA PARCELS #4
Property #: 0130-271-04-0000
Parcel size: .1
Property Description: Current owner is Mr. John Silva. Current use is auto repair and tow shop
Latitude: 34.088241
Longitude: -117.37207920000003
HCM label: Address Matching-House Number
Map scale: Not reported
Point of reference: Entrance Point of a Facility or Station
Datum: North American Datum of 1983
ACRES property ID: 150844
Start date: Not reported
Completed date: Not reported
Acres cleaned up: Not reported
Cleanup funding: Not reported
Cleanup funding source: Not reported
Assessment funding: 2300
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding: Not reported
Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: Not reported
Assessment funding entity: EPA
Cleanup funding entity: Not reported
Grant type: Hazardous
Accomplishment type: Phase I Environmental Assessment

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SILVA PARCELS #4 (Continued)

1015878807

Accomplishment count:	1
Cooperative agreement #:	00T52301
Ownership entity:	Private
Current owner:	Not reported
Did owner change:	N
Cleanup required:	Unknown
Video available:	Not reported
Photo available:	Yes
Institutional controls required:	U
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	.1
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SILVA PARCELS #4 (Continued)

1015878807

Future use residential acreage:	Not reported
Future use commercial acreage:	.1
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Highlights:	Not reported
IC Data Address:	Not reported
Redev Completion Date:	Not reported
# Below Poverty:	1618
% Below Poverty:	4.9%
# Low Income:	5313
% Low Income:	1.5%
Meidan Income:	3962
# Unemployed:	464
% Unemployed:	16.9%
# Vacant Housing:	217
% Vacant Housing:	36.1%

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

35

**241 S PALM AVE
RIALTO, CA 92376**

**EDR Hist Auto 1015355414
N/A**

EDR Historical Auto Stations:

Name: J & K AUTO BODY & REPAIR SERVICE
Year: 1999
Address: 241 S PALM AVE

Name: J & K AUTO BODY & REPAIR SERVICE
Year: 2000
Address: 241 S PALM AVE

Name: J & K AUTO BODY & REPAIR SRVC
Year: 2001
Address: 241 S PALM AVE

Name: J & K AUTO BODY & REPAIR SRVC
Year: 2002
Address: 241 S PALM AVE

Name: J & K AUTO
Year: 2004
Address: 241 S PALM AVE

Name: J AND K AUTO
Year: 2005
Address: 241 S PALM AVE

Name: J & K AUTO
Year: 2006
Address: 241 S PALM AVE

Name: J & K AUTO
Year: 2007
Address: 241 S PALM AVE

Name: J & K AUTO
Year: 2008
Address: 241 S PALM AVE

Name: J & K AUTOBODY & TOWING
Year: 2009
Address: 241 S PALM AVE

Name: J & K AUTO BODY & TOWING
Year: 2010
Address: 241 S PALM AVE

Name: J & K AUTO
Year: 2012
Address: 241 S PALM AVE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site
Database(s)
EDR ID Number
EPA ID Number

35
SILVA PARCELS #1
241 S.PALM AVE. AND 239/249 S. ORANGE AVE.
RIALTO, CA 92376
US BROWNFIELDS
1015878804
N/A

US BROWNFIELDS:

Recipient name: Redevelopment Agency of the City of Rialto
Grant type: Assessment
Property name: SILVA PARCELS #1
Property #: APN 0130-271-01-0000
Parcel size: .1
Property Description: Current owner is Mr. John Silva
Latitude: 34.088241
Longitude: -117.37207920000003
HCM label: Address Matching-House Number
Map scale: Not reported
Point of reference: Entrance Point of a Facility or Station
Datum: North American Datum of 1983
ACRES property ID: 150821
Start date: Not reported
Completed date: Not reported
Acres cleaned up: Not reported
Cleanup funding: Not reported
Cleanup funding source: Not reported
Assessment funding: 2300
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding: Not reported
Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: Not reported
Assessment funding entity: EPA
Cleanup funding entity: Not reported
Grant type: Hazardous
Accomplishment type: Phase I Environmental Assessment
Accomplishment count: 1
Cooperative agreement #: 00T52301
Ownership entity: Not reported
Current owner: Not reported
Did owner change: N
Cleanup required: Unknown
Video available: Not reported
Photo available: Yes
Institutional controls required: U
IC Category proprietary controls: Not reported
IC cat. info. devices: Not reported
IC cat. gov. controls: Not reported
IC cat. enforcement permit tools: Not reported
IC in place date: Not reported
IC in place: Not reported
State/tribal program date: Not reported
State/tribal program ID: Not reported
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Not reported
Asbestos cleaned: Not reported
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported
Drinking water cleaned: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SILVA PARCELS #1 (Continued)

1015878804

Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	.1
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.1
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SILVA PARCELS #1 (Continued)

1015878804

Selenium contaminant found: Not reported
SVOCs contaminant found: Not reported
Unknown contaminant found: Not reported
Future Use: Multistory Not reported
Media affected Bluiding Material: Not reported
Media affected indoor air: Not reported
Building material media cleaned up: Not reported
Indoor air media cleaned up: Not reported
Unknown media cleaned up: Not reported
Past Use: Multistory Not reported
Highlights: Not reported
IC Data Address: Not reported
Redev Completion Date: Not reported
Below Poverty: 1618
% Below Poverty: 4.9%
Low Income: 5313
% Low Income: 1.5%
Meidan Income: 3962
Unemployed: 464
% Unemployed: 16.9%
Vacant Housing: 217
% Vacant Housing: 36.1%

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SILVA PARCELS #6 241 S. PALM AVENUE AND 239/249 S. ORANGE AVENUE RIALTO, CA 92376

US BROWNFIELDS

1015878809
N/A

US BROWNFIELDS:

Recipient name: Redevelopment Agency of the City of Rialto
Grant type: Assessment
Property name: SILVA PARCELS #6
Property #: 0130-271-26-0000
Parcel size: .1
Property Description: Current owner is Mr. John Silva. Current property use is auto repair and tow shop
Latitude: 34.088241
Longitude: -117.37207920000003
HCM label: Address Matching-House Number
Map scale: Not reported
Point of reference: Entrance Point of a Facility or Station
Datum: North American Datum of 1983
ACRES property ID: 150846
Start date: Not reported
Completed date: Not reported
Acres cleaned up: Not reported
Cleanup funding: Not reported
Cleanup funding source: Not reported
Assessment funding: 2300
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding: Not reported
Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: Not reported
Assessment funding entity: EPA
Cleanup funding entity: Not reported
Grant type: Hazardous
Accomplishment type: Phase I Environmental Assessment
Accomplishment count: 1

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SILVA PARCELS #6 (Continued)

1015878809

Cooperative agreement #:	00T52301
Ownership entity:	Private
Current owner:	Not reported
Did owner change:	N
Cleanup required:	Unknown
Video available:	Not reported
Photo available:	Yes
Institutional controls required:	U
IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	.1
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SILVA PARCELS #6 (Continued)

1015878809

Future use commercial acreage:	.1
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Highlights:	Not reported
IC Data Address:	Not reported
Redev Completion Date:	Not reported
# Below Poverty:	1618
% Below Poverty:	4.9%
# Low Income:	5313
% Low Income:	1.5%
Meidan Income:	3962
# Unemployed:	464
% Unemployed:	16.9%
# Vacant Housing:	217
% Vacant Housing:	36.1%

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site
Database(s)
EDR ID Number
EPA ID Number

35
SILVA PARCELS #3
241 S. PALM AVENUE AND 239/249 S. ORANGE AVE
RIALTO, CA 92376
US BROWNFIELDS
1015878806
N/A

US BROWNFIELDS:

Recipient name: Redevelopment Agency of the City of Rialto
Grant type: Assessment
Property name: SILVA PARCELS #3
Property #: 0130-271-03-0000
Parcel size: .1
Property Description: Current owner is Mr. John Silva. Current property use is auto repair and tow shop
Latitude: 34.088241
Longitude: -117.37207920000003
HCM label: Address Matching-House Number
Map scale: Not reported
Point of reference: Entrance Point of a Facility or Station
Datum: North American Datum of 1983
ACRES property ID: 150842
Start date: Not reported
Completed date: Not reported
Acres cleaned up: Not reported
Cleanup funding: Not reported
Cleanup funding source: Not reported
Assessment funding: 2300
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding: Not reported
Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: Not reported
Assessment funding entity: EPA
Cleanup funding entity: Not reported
Grant type: Hazardous
Accomplishment type: Phase I Environmental Assessment
Accomplishment count: 1
Cooperative agreement #: 00T52301
Ownership entity: Private
Current owner: Not reported
Did owner change: N
Cleanup required: Unknown
Video available: Not reported
Photo available: Yes
Institutional controls required: U
IC Category proprietary controls: Not reported
IC cat. info. devices: Not reported
IC cat. gov. controls: Not reported
IC cat. enforcement permit tools: Not reported
IC in place date: Not reported
IC in place: Not reported
State/tribal program date: Not reported
State/tribal program ID: Not reported
State/tribal NFA date: Not reported
Air contaminated: Not reported
Air cleaned: Not reported
Asbestos found: Not reported
Asbestos cleaned: Not reported
Controlled substance found: Not reported
Controlled substance cleaned: Not reported
Drinking water affected: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SILVA PARCELS #3 (Continued)

1015878806

Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Not reported
Other contams found description:	Not reported
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	.1
Past use industrial acreage:	Not reported
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	.1
Future use industrial acreage:	Not reported
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported
Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SILVA PARCELS #3 (Continued)

1015878806

Pesticides contaminant found: Not reported
Selenium contaminant found: Not reported
SVOCs contaminant found: Not reported
Unknown contaminant found: Not reported
Future Use: Multistory Not reported
Media affected Bluiding Material: Not reported
Media affected indoor air: Not reported
Building material media cleaned up: Not reported
Indoor air media cleaned up: Not reported
Unknown media cleaned up: Not reported
Past Use: Multistory Not reported
Highlights: Not reported
IC Data Address: Not reported
Redev Completion Date: Not reported
Below Poverty: 1618
% Below Poverty: 4.9%
Low Income: 5313
% Low Income: 1.5%
Meidan Income: 3962
Unemployed: 464
% Unemployed: 16.9%
Vacant Housing: 217
% Vacant Housing: 36.1%

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**284 S PALM AVE
RIALTO, CA 92376**

EDR Hist Auto 1015389088
N/A

EDR Historical Auto Stations:

Name: M & M CUSTOM CAR CTR
Year: 2010
Address: 284 S PALM AVE

Name: M & M CUSTOM CAR CENTER
Year: 2012
Address: 284 S PALM AVE

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**280 S PALM AVE
RIALTO, CA 92376**

EDR Hist Auto 1015385717
N/A

EDR Historical Auto Stations:

Name: P & G AUTO PARTS & MACHINES
Year: 2004
Address: 280 S PALM AVE

Name: P & G AUTO PARTS & MACHINES
Year: 2005
Address: 280 S PALM AVE

Name: ALEXS ENGINES INC
Year: 2006
Address: 280 S PALM AVE

Name: P & G AUTO PARTS & MACHINES
Year: 2007

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

1015385717

Address: 280 S PALM AVE

Name: P & G AUTO PARTS & MACHINES
Year: 2008
Address: 280 S PALM AVE

Name: ALEXS ENGINE INC
Year: 2009
Address: 280 S PALM AVE

Name: P & G AUTO PARTS & MACHINES
Year: 2010
Address: 280 S PALM AVE

Name: P & G AUTO PARTS & MACHINES
Year: 2011
Address: 280 S PALM AVE

Name: P & G AUTO PARTS
Year: 2012
Address: 280 S PALM AVE

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ALEX ENGINES INC DBA P&G AUTO PARTS
280 S PALM AVE
RIALTO, CA 92376

HAZNET S118231025
N/A

HAZNET:

envid: S118231025
Year: 2014
GEPAID: CAL000219329
Contact: ALEX PUENTE
Telephone: 9098732790
Mailing Name: Not reported
Mailing Address: 280 S PALM AVE
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: San Bernardino
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 2.502
Cat Decode: Aqueous solution with total organic residues 10 percent or more
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: San Bernardino

envid: S118231025
Year: 2014
GEPAID: CAL000219329
Contact: ALEX PUENTE
Telephone: 9098732790
Mailing Name: Not reported
Mailing Address: 280 S PALM AVE
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: San Bernardino
TSD EPA ID: CAD008302903
TSD County: Los Angeles

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ALEX ENGINES INC DBA P&G AUTO PARTS (Continued)

S118231025

Waste Category: Aqueous solution with total organic residues 10 percent or more
Disposal Method: Solvents Recovery
Tons: 0.2085
Cat Decode: Aqueous solution with total organic residues 10 percent or more
Method Decode: Solvents Recovery
Facility County: San Bernardino

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RIALTO, CITY OF/ METROLINK
290 PALM AVE
RIALTO, CA 92376

LUST S103891707
N/A

LUST REG 8:

Region: 8
County: San Bernardino
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083603008T
Local Case Num: 97024
Case Type: Soil only
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: Not reported
Enf Type: CLOS
Funding: Not reported
How Discovered: Not reported
How Stopped: Not reported
Leak Cause: Not reported
Leak Source: Not reported
Global ID: T0607100448
How Stopped Date: Not reported
Enter Date: 6/22/1997
Date Confirmation of Leak Began: 4/30/1997
Date Preliminary Assessment Began: Not reported
Discover Date: 4/30/1997
Enforcement Date: Not reported
Close Date: 11/24/1997
Date Prelim Assessment Workplan Submitted: Not reported
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring: Not reported
Enter Date: 6/22/1997
GW Qualifies: Not reported
Soil Qualifies: Not reported
Operator: Not reported
Facility Contact: Not reported
Interim: Not reported
Oversite Program: LUST
Latitude: 34.0972965
Longitude: -117.3729861
MTBE Date: Not reported
Max MTBE GW: Not reported
MTBE Concentration: 2
Max MTBE Soil: Not reported
MTBE Fuel: 1
MTBE Tested: MTBE Detected. Site tested for MTBE & MTBE detected
MTBE Class: *

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RIALTO, CITY OF/ METROLINK (Continued)

S103891707

Staff: NOM
Staff Initials: BM7
Lead Agency: Local Agency
Local Agency: 36000L
Hydr Basin #: UPPER SANTA ANA VALL
Beneficial: Not reported
Priority: Not reported
Cleanup Fund Id: Not reported
Work Suspended: Not reported
Summary: Not reported

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CITY WAREHOUSE 261,265 S. WILLOW AVENUE RIALTO, CA 92376

**US BROWNFIELDS 1015878813
N/A**

US BROWNFIELDS:

Recipient name: Redevelopment Agency of the City of Rialto
Grant type: Assessment
Property name: CITY WAREHOUSE
Property #: 0130-222-26-0000
Parcel size: .1
Property Description: The Property is currently a vacant light industrial warehouse building. According to historical information, the Property appeared to have been fallow land as early as 1938. The Property appeared to have been developed as a part of a larger commercial/light industrial building by 1953, and redeveloped into its current configuration of a light industrial warehouse building and parking lot by 1977.
Latitude: 34.0969765
Longitude: -117.37471449999998
HCM label: Address Matching-House Number
Map scale: Not reported
Point of reference: Entrance Point of a Facility or Station
Datum: North American Datum of 1983
ACRES property ID: 150863
Start date: Not reported
Completed date: Not reported
Acres cleaned up: Not reported
Cleanup funding: Not reported
Cleanup funding source: Not reported
Assessment funding: 2300
Assessment funding source: US EPA - Brownfields Assessment Cooperative Agreement
Redevelopment funding: Not reported
Redev. funding source: Not reported
Redev. funding entity name: Not reported
Redevelopment start date: Not reported
Assessment funding entity: EPA
Cleanup funding entity: Not reported
Grant type: Hazardous
Accomplishment type: Phase I Environmental Assessment
Accomplishment count: 1
Cooperative agreement #: 00T52301
Ownership entity: Government
Current owner: City of Rialto, CA
Did owner change: N
Cleanup required: Unknown
Video available: Not reported
Photo available: Yes
Institutional controls required: U

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CITY WAREHOUSE (Continued)

1015878813

IC Category proprietary controls:	Not reported
IC cat. info. devices:	Not reported
IC cat. gov. controls:	Not reported
IC cat. enforcement permit tools:	Not reported
IC in place date:	Not reported
IC in place:	Not reported
State/tribal program date:	Not reported
State/tribal program ID:	Not reported
State/tribal NFA date:	Not reported
Air contaminated:	Not reported
Air cleaned:	Not reported
Asbestos found:	Not reported
Asbestos cleaned:	Not reported
Controlled substance found:	Not reported
Controlled substance cleaned:	Not reported
Drinking water affected:	Not reported
Drinking water cleaned:	Not reported
Groundwater affected:	Not reported
Groundwater cleaned:	Not reported
Lead contaminant found:	Not reported
Lead cleaned up:	Not reported
No media affected:	Not reported
Unknown media affected:	Not reported
Other cleaned up:	Not reported
Other metals found:	Not reported
Other metals cleaned:	Not reported
Other contaminants found:	Y
Other contaminants found description:	agricultural chemicals
PAHs found:	Not reported
PAHs cleaned up:	Not reported
PCBs found:	Not reported
PCBs cleaned up:	Not reported
Petro products found:	Not reported
Petro products cleaned:	Not reported
Sediments found:	Not reported
Sediments cleaned:	Not reported
Soil affected:	Y
Soil cleaned up:	Not reported
Surface water cleaned:	Not reported
VOCs found:	Not reported
VOCs cleaned:	Not reported
Cleanup other description:	Not reported
Num. of cleanup and re-dev. jobs:	Not reported
Past use greenspace acreage:	Not reported
Past use residential acreage:	Not reported
Past use commercial acreage:	Not reported
Past use industrial acreage:	.1
Future use greenspace acreage:	Not reported
Future use residential acreage:	Not reported
Future use commercial acreage:	Not reported
Future use industrial acreage:	.1
Greenspace acreage and type:	Not reported
Superfund Fed. landowner flag:	Not reported
Arsenic cleaned up:	Not reported
Cadmium cleaned up:	Not reported
Chromium cleaned up:	Not reported
Copper cleaned up:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CITY WAREHOUSE (Continued)

1015878813

Iron cleaned up:	Not reported
mercury cleaned up:	Not reported
nickel cleaned up:	Not reported
No clean up:	Not reported
Pesticides cleaned up:	Not reported
Selenium cleaned up:	Not reported
SVOCs cleaned up:	Not reported
Unknown clean up:	Not reported
Arsenic contaminant found:	Not reported
Cadmium contaminant found:	Not reported
Chromium contaminant found:	Not reported
Copper contaminant found:	Not reported
Iron contaminant found:	Not reported
Mercury contaminant found:	Not reported
Nickel contaminant found:	Not reported
No contaminant found:	Not reported
Pesticides contaminant found:	Not reported
Selenium contaminant found:	Not reported
SVOCs contaminant found:	Not reported
Unknown contaminant found:	Not reported
Future Use: Multistory	Not reported
Media affected Bluiding Material:	Not reported
Media affected indoor air:	Not reported
Building material media cleaned up:	Not reported
Indoor air media cleaned up:	Not reported
Unknown media cleaned up:	Not reported
Past Use: Multistory	Not reported
Highlights:	Not reported
IC Data Address:	Not reported
Redev Completion Date:	Not reported
# Below Poverty:	1523
% Below Poverty:	3.3%
# Low Income:	3800
% Low Income:	1.3%
Meidan Income:	4157
# Unemployed:	425
% Unemployed:	11.8%
# Vacant Housing:	187
% Vacant Housing:	26.9%

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RIALTO USD DIST ADMIN/WAREHOUSE
260 S WILLOW AVE
RIALTO, CA 92376

LUST U001575574
N/A

LUST:

Region:	STATE
Global Id:	T0607100301
Latitude:	34.097395
Longitude:	-117.376513
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/08/1994
Lead Agency:	SAN BERNARDINO COUNTY
Case Worker:	CB
Local Agency:	SAN BERNARDINO COUNTY
RB Case Number:	083602348T
LOC Case Number:	93028
File Location:	Local Agency

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RIALTO USD DIST ADMIN/WAREHOUSE (Continued)

U001575574

Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

[Click here to access the California GeoTracker records for this facility:](#)

Contact:

Global Id: T0607100301
Contact Type: Local Agency Caseworker
Contact Name: CURTIS BRUNDAGE
Organization Name: SAN BERNARDINO COUNTY
Address: 620 S. E STREET
City: SAN BERNARDINO
Email: cbrundage@sbcfire.org
Phone Number: Not reported

Global Id: T0607100301
Contact Type: Regional Board Caseworker
Contact Name: VALERIE JAHN-BULL
Organization Name: SANTA ANA RWQCB (REGION 8)
Address: 3737 MAIN STREET, SUITE 500
City: RIVERSIDE
Email: vjahn-bull@waterboards.ca.gov
Phone Number: 9517824903

Status History:

Global Id: T0607100301
Status: Completed - Case Closed
Status Date: 08/08/1994

Global Id: T0607100301
Status: Open - Case Begin Date
Status Date: 06/02/1993

Global Id: T0607100301
Status: Open - Site Assessment
Status Date: 06/02/1993

Regulatory Activities:

Global Id: T0607100301
Action Type: ENFORCEMENT
Date: 05/09/1994
Action: Closure/No Further Action Letter

Global Id: T0607100301
Action Type: Other
Date: 06/02/1993
Action: Leak Stopped

Global Id: T0607100301
Action Type: Other
Date: 06/02/1993
Action: Leak Discovery

Global Id: T0607100301
Action Type: Other
Date: 06/29/1993

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RIALTO USD DIST ADMIN/WAREHOUSE (Continued)

U001575574

Action: Leak Reported

36

**RIALTO UNIFIED SCHOOL DISTRICT
260 SO. WILLOW STREET
RIALTO, CA 92376**

**HAZNET S112852974
N/A**

HAZNET:

envid: S112852974
Year: 1994
GEPAID: CAC000920144
Contact: Not reported
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 260 SO. WILLOW STREET
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAD009007626
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 13.4848
Cat Decode: Asbestos containing waste
Method Decode: Disposal, Land Fill
Facility County: San Bernardino

36

**RIALTO USD PRINT SHOP
260 S WILLOW
RIALTO, CA 92376**

**RCRA-SQG 1000905598
CA0000881201**

RCRA-SQG:

Date form received by agency: 10/13/1994
Facility name: RIALTO USD PRINT SHOP
Facility address: 260 S WILLOW
RIALTO, CA 92376
EPA ID: CA0000881201
Mailing address: S WILLOW
RIALTO, CA 92376
Contact: DEBORAH ELLEDGE
Contact address: 260 S WILLOW
RIALTO, CA 92376
Contact country: US
Contact telephone: (909) 820-6881
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: RIALTO UNIFIED SCHOOL DISTRICT
Owner/operator address: 182 E WALNUT
RIALTO, CA 92376

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RIALTO USD PRINT SHOP (Continued)

1000905598

Owner/operator country: Not reported
Owner/operator telephone: (909) 820-7700
Legal status: District
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Violation Status: No violations found

36

RIALTO UNIFIED SCH DIST/WAREHOUSE
260 S WILLOW
RIALTO, CA 92376

HAZNET S112836105
N/A

HAZNET:

envid: S112836105
Year: 1999
GEPAID: CA0000881201
Contact: RIALTO UNIFIED SCHOOL DISTRICT
Telephone: 9098207700
Mailing Name: Not reported
Mailing Address: 182 E WALNUT AVE
Mailing City,St,Zip: RIALTO, CA 923766304
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Photochemicals/photoprocessing waste
Disposal Method: Recycler
Tons: .5004
Cat Decode: Photochemicals/photoprocessing waste
Method Decode: Recycler
Facility County: San Bernardino

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
Database(s)
EPA ID Number

36 YOUNG'S MARKET
260 S WILLOW AVE
RIALTO, CA

RGALUST S114724030
N/A

RGALUST:

2012	YOUNG'S MARKET	260 S WILLOW AVE
2011	YOUNG'S MARKET	260 S WILLOW AVE
2010	YOUNG'S MARKET	260 S WILLOW AVE
2009	YOUNG'S MARKET	260 S WILLOW AVE
2008	YOUNG'S MARKET	260 S WILLOW AVE

36 YOUNG'S MARKET CO.
260 S WILLOW AVE
RIALTO, CA 92376

HISTCORTESE
LUST
CA FID UST
HIST UST
SWEEPS UST

S101629935
N/A

HISTCORTESE:

Region:	CORTESE
Facility County Code:	36
Reg By:	LTNKA
Reg Id:	083602348T

LUST REG 8:

Region:	8
County:	San Bernardino
Regional Board:	Santa Ana Region
Facility Status:	Case Closed
Case Number:	083602348T
Local Case Num:	93028
Case Type:	Soil only
Substance:	Diesel
Qty Leaked:	Not reported
Abate Method:	Excavate and Dispose - remove contaminated soil and dispose in approved site
Cross Street:	Not reported
Enf Type:	Not reported
Funding:	Not reported
How Discovered:	Tank Closure
How Stopped:	Not reported
Leak Cause:	UNK
Leak Source:	UNK
Global ID:	T0607100301
How Stopped Date:	6/2/1993
Enter Date:	12/22/1993
Date Confirmation of Leak Began:	6/2/1993
Date Preliminary Assessment Began:	Not reported
Discover Date:	6/2/1993
Enforcement Date:	Not reported
Close Date:	8/8/1994
Date Prelim Assessment Workplan Submitted:	Not reported
Date Pollution Characterization Began:	Not reported
Date Remediation Plan Submitted:	Not reported
Date Remedial Action Underway:	Not reported
Date Post Remedial Action Monitoring:	Not reported
Enter Date:	12/22/1993
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

YOUNG'S MARKET CO. (Continued)

S101629935

Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.0971365
Longitude:	-117.3748792
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	0
MTBE Tested:	Not Required to be Tested.
MTBE Class:	*
Staff:	VJJ
Staff Initials:	CB5
Lead Agency:	Local Agency
Local Agency:	36000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

CA FID UST:

Facility ID:	36003373
Regulated By:	UTNKA
Regulated ID:	00044708
Cortese Code:	Not reported
SIC Code:	Not reported
Facility Phone:	Not reported
Mail To:	Not reported
Mailing Address:	260 S WILLOW AVE
Mailing Address 2:	Not reported
Mailing City,St,Zip:	RIALTO 92376
Contact:	Not reported
Contact Phone:	Not reported
DUNs Number:	Not reported
NPDES Number:	Not reported
EPA ID:	Not reported
Comments:	Not reported
Status:	Active

HIST UST:

File Number:	0002AAC8
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002AAC8.pdf
Region:	Not reported
Facility ID:	Not reported
Facility Type:	Not reported
Other Type:	Not reported
Contact Name:	Not reported
Telephone:	Not reported
Owner Name:	Not reported
Owner Address:	Not reported
Owner City,St,Zip:	Not reported
Total Tanks:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

YOUNG'S MARKET CO. (Continued)

S101629935

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

Click here for Geo Tracker PDF:

SWEEPS UST:

Status: Not reported
Comp Number: 8457
Number: Not reported
Board Of Equalization: 44-021054
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-008457-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: REG UNLEADED
Number Of Tanks: 1

36

**1X YOUNG'S MARKET
260 SOUTH WILLOW AVE
RIALTO, CA 92376**

**HAZNET S112848552
N/A**

HAZNET:

envid: S112848552
Year: 1993
GEPAID: CAC000867840
Contact: YOUNG'S MARKET CO
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: YOUNG'S MARKET CO
Mailing City,St,Zip: LOS ANGELES, CA 900130000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 2.39769999999
Cat Decode: Waste oil and mixed oil
Method Decode: Recycler
Facility County: San Bernardino

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

36	CITY OF RIALTO FLEET GARAGE	HAZNET	S113798620
	247 S WILLOW AVE		N/A
	RIALTO, CA 92376		

HAZNET:

envid: S113798620

Year: 2012

GEPaid: CAL000353231

Contact: MIKE ORONA/FLEET SVC COORD

Telephone: 9098202605

Mailing Name: Not reported

Mailing Address: 150 S PALM AVE

Mailing City,St,Zip: RIALTO, CA 923760000

Gen County: San Bernardino

TSD EPA ID: CAD028409019

TSD County: Los Angeles

Waste Category: Not reported

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 0.133

Cat Decode: Not reported

Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Facility County: San Bernardino

36	CITY OF RIALTO/GARAGE	HIST UST	U001575526
	245 SOUTH WILLOW		N/A
	RIALTO, CA 92376		

HIST UST:

File Number: 00029CBC

URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029CBC.pdf>

Region: STATE

Facility ID: 00000035154

Facility Type: Other

Other Type: CITY

Contact Name: FOREMAN ON DUTY

Telephone: 7148202605

Owner Name: CITY OF RIALTO

Owner Address: 150 SOUTH PALM AVE

Owner City,St,Zip: RIALTO, CA 92376

Total Tanks: 0001

Tank Num: 001

Container Num: GAR-3C-WST

Year Installed: Not reported

Tank Capacity: 00000300

Tank Used for: WASTE

Type of Fuel: WASTE OIL

Container Construction Thickness: #12STEE

Leak Detection: Visual, Pressure Test

[Click here for Geo Tracker PDF:](#)

MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		
Distance (ft.)	Site	Database(s) EPA ID Number

36	CITY OF RIALTO 246 S WILLOW AVE RIALTO, CA 92376	HAZNET	S113029074 N/A
-----------	-----------------------------------------------------------------	---------------	---------------------------

HAZNET:

envid: S113029074
 Year: 2014
 GEPAID: CAL000021026
 Contact: MIKE ORONA
 Telephone: 9098202605
 Mailing Name: Not reported
 Mailing Address: 150 S PALM AVE
 Mailing City,St,Zip: RIALTO, CA 923760000
 Gen County: San Bernardino
 TSD EPA ID: CAD044429835
 TSD County: Los Angeles
 Waste Category: Other organic solids
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Tons: 0.05
 Cat Decode: Other organic solids
 Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Facility County: San Bernardino

envid: S113029074
 Year: 2013
 GEPAID: CAL000021026
 Contact: MIKE ORONA/FLEET SERVICE COORD
 Telephone: 9098202605
 Mailing Name: Not reported
 Mailing Address: 150 S PALM AVE
 Mailing City,St,Zip: RIALTO, CA 923766406
 Gen County: San Bernardino
 TSD EPA ID: CAD044429835
 TSD County: Los Angeles
 Waste Category: Not reported
 Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Tons: 0.1
 Cat Decode: Not reported
 Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
 Facility County: Not reported

envid: S113029074
 Year: 2013
 GEPAID: CAL000021026
 Contact: MIKE ORONA/FLEET SERVICE COORD
 Telephone: 9098202605
 Mailing Name: Not reported
 Mailing Address: 150 S PALM AVE
 Mailing City,St,Zip: RIALTO, CA 923766406
 Gen County: San Bernardino
 TSD EPA ID: TXD077603371
 TSD County: 99
 Waste Category: Not reported
 Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
 Tons: 0.075

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CITY OF RIALTO (Continued)

S113029074

Cat Decode: Not reported
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: Not reported

envid: S113029074
Year: 2012
GEPaid: CAL000021026
Contact: MIKE ORONA/FLEET SERVICE COORD
Telephone: 9098202605
Mailing Name: Not reported
Mailing Address: 150 S PALM AVE
Mailing City,St,Zip: RIALTO, CA 923766406
Gen County: San Bernardino
TSD EPA ID: TXD077603371
TSD County: 99
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.265
Cat Decode: Not reported
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: San Bernardino

envid: S113029074
Year: 2012
GEPaid: CAL000021026
Contact: MIKE ORONA/FLEET SERVICE COORD
Telephone: 9098202605
Mailing Name: Not reported
Mailing Address: 150 S PALM AVE
Mailing City,St,Zip: RIALTO, CA 923766406
Gen County: San Bernardino
TSD EPA ID: TXD077603371
TSD County: 99
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.265
Cat Decode: Not reported
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
100 additional CA_HAZNET: record(s) in the EDR Site Report.

36

**CITY OF RIALTO/MAINT YARD
246 S WILLOW
RIALTO, CA 92376**

**CA FID UST S101619397
HIST UST N/A
SWEEPS UST**

CA FID UST:
Facility ID: 36002477
Regulated By: UTNKA
Regulated ID: 00035151
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: 150 S PALM AVE
Mailing Address 2: Not reported
Mailing City,St,Zip: RIALTO 92376

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CITY OF RIALTO/MAINT YARD (Continued)

S101619397

Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

HIST UST:

File Number: 00029CB8
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029CB8.pdf>
Region: Not reported
Facility ID: Not reported
Facility Type: Not reported
Other Type: Not reported
Contact Name: Not reported
Telephone: Not reported
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: Not reported
Total Tanks: Not reported

Tank Num: Not reported
Container Num: Not reported
Year Installed: Not reported
Tank Capacity: Not reported
Tank Used for: Not reported
Type of Fuel: Not reported
Container Construction Thickness: Not reported
Leak Detection: Not reported

[Click here for Geo Tracker PDF:](#)

SWEEPS UST:

Status: Active
Comp Number: 35151
Number: 4
Board Of Equalization: 44-020905
Referral Date: 09-10-91
Action Date: 09-10-91
Created Date: 02-29-88
Owner Tank Id: MY-1M-WO
SWRCB Tank Id: 36-000-035151-000001
Tank Status: A
Capacity: 1000
Active Date: 03-23-89
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: 5

Status: Active
Comp Number: 35151
Number: 4
Board Of Equalization: 44-020905
Referral Date: 09-10-91

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CITY OF RIALTO/MAINT YARD (Continued)

S101619397

Action Date: 09-10-91
Created Date: 02-29-88
Owner Tank Id: MY-4M-DSL
SWRCB Tank Id: 36-000-035151-000002
Tank Status: A
Capacity: 4000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: Not reported

Status: Active
Comp Number: 35151
Number: 4
Board Of Equalization: 44-020905
Referral Date: 09-10-91
Action Date: 09-10-91
Created Date: 02-29-88
Owner Tank Id: MY-4M-REG
SWRCB Tank Id: 36-000-035151-000003
Tank Status: A
Capacity: 4000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 35151
Number: 4
Board Of Equalization: 44-020905
Referral Date: 09-10-91
Action Date: 09-10-91
Created Date: 02-29-88
Owner Tank Id: MY-12M-UNL
SWRCB Tank Id: 36-000-035151-000004
Tank Status: A
Capacity: 12000
Active Date: 07-01-85
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 35151
Number: 4
Board Of Equalization: 44-020905
Referral Date: 09-10-91
Action Date: 09-10-91
Created Date: 02-29-88
Owner Tank Id: MY-6M-SUP
SWRCB Tank Id: 36-000-035151-000005
Tank Status: A
Capacity: 6000

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CITY OF RIALTO/MAINT YARD (Continued)

S101619397

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

36

246 SO WILLOW AVE
RIALTO, CA 92376

CHMIRS S105034610
N/A

CHMIRS:

OES Incident Number: 1-2981
OES notification: 05/14/2011
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported
Resp Agency Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported
Waterway Involved: No
Waterway: Not reported
Spill Site: Utilities/Substation
Cleanup By: Responsible Party
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Gal(s)
Other: Not reported
Date/Time: 845
Year: 2011
Agency: San Bernardino Co FD
Incident Date: 5/14/2011
Admin Agency: San Bernardino County Health Department
Amount: Not reported
Contained: Yes
Site Type: Not reported
E Date: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S105034610

Substance:	Latex paint and water
Quantity Released:	2-2.5
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	Human error caused this release to the pavement only

36

CITY OF RIALTO
246 SOUTH WILLOW AVE
RIALTO, CA 92376

HAZNET S112849028
N/A

HAZNET:

envid:	S112849028
Year:	1993
GEPAID:	CAC000874144
Contact:	CITY OF RIALTO
Telephone:	0000000000
Mailing Name:	Not reported
Mailing Address:	150 SOUTH PALM AVE
Mailing City,St,Zip:	RIALTO, CA 923760000
Gen County:	Not reported
TSD EPA ID:	CAT080011059
TSD County:	Not reported
Waste Category:	Aqueous solution with total organic residues 10 percent or more
Disposal Method:	Recycler
Tons:	3.31510000000
Cat Decode:	Aqueous solution with total organic residues 10 percent or more
Method Decode:	Recycler
Facility County:	San Bernardino

37

STOP N SAVE # 5
3702 ATCHISON
STANISLAUS, CA

RGA LUST S114696487
N/A

RGA LUST:

2004 STOP N SAVE # 5 3702 ATCHISON

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
Database(s)
EPA ID Number

38 KT PRODUCTS
201 S CACTUS AVE
RIALTO, CA 92376

HAZNET S113108366
N/A

HAZNET:
envid: S113108366
Year: 2000
GEPaid: CAL000213899
Contact: SCOTT BECHEM/ FACIL MGR
Telephone: 9094217300
Mailing Name: Not reported
Mailing Address: 201 S CACTUS AVE
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 0.83
Cat Decode: Unspecified oil-containing waste
Method Decode: Recycler
Facility County: San Bernardino

envid: S113108366
Year: 2000
GEPaid: CAL000213899
Contact: SCOTT BECHEM/ FACIL MGR
Telephone: 9094217300
Mailing Name: Not reported
Mailing Address: 201 S CACTUS AVE
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 0.2
Cat Decode: Waste oil and mixed oil
Method Decode: Recycler
Facility County: San Bernardino

38 201 SOUTH CACTUS
RIALTO, CA

CHMIRS S110418730
N/A

CHMIRS:
OES Incident Number: 08-8817
OES notification: 12/10/2008
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S110418730

Resp Agency Personnel # Of Decontaminated: Not reported
Responding Agency Personnel # Of Injuries: Not reported
Responding Agency Personnel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported
Waterway Involved: No
Waterway: Not reported
Spill Site: Road
Cleanup By: Contractor
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Gal(s)
Other: Not reported
Date/Time: 1500
Year: 2008
Agency: Rialto Fire
Incident Date: 12/10/2008
Admin Agency: San Bernardino County Health Department
Amount: Not reported
Contained: Yes
Site Type: Not reported
E Date: Not reported
Substance: Motor Oil
Quantity Released: 10
Unknown: Not reported
Substance #2: Not reported
Substance #3: Not reported
Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0
#1 Pipeline: Not reported
#2 Pipeline: Not reported
#3 Pipeline: Not reported
#1 Vessel >= 300 Tons: Not reported
#2 Vessel >= 300 Tons: Not reported
#3 Vessel >= 300 Tons: Not reported
Evacs: Not reported
Injuries: Not reported
FataIs: Not reported
Comments: Not reported
Description: A big rig lost the product onto the roadway due to a motor vehicle collision. Clean up is complete.

MAP FINDINGS

Map ID		EDR ID Number
Direction		
Distance		
Distance (ft.)	Site	Database(s) EPA ID Number

38	KAYTEE PRODUCTS	HAZNET	S113142253
	201 S CACTUS AVE		N/A
	RIALTO, CA 92376		

HAZNET:

envid:	S113142253
Year:	2012
GEPAID:	CAL000306384
Contact:	JOHN MEDEIROS
Telephone:	9095793180
Mailing Name:	Not reported
Mailing Address:	521 CLAY ST
Mailing City,St,Zip:	CHILTON, WI 53015
Gen County:	San Bernardino
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.1254
Cat Decode:	Not reported
Method Decode:	Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	San Bernardino

envid:	S113142253
Year:	2012
GEPAID:	CAL000306384
Contact:	JOHN MEDEIROS
Telephone:	9095793180
Mailing Name:	Not reported
Mailing Address:	521 CLAY ST
Mailing City,St,Zip:	CHILTON, WI 53015
Gen County:	San Bernardino
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.035
Cat Decode:	Not reported
Method Decode:	Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	San Bernardino

envid:	S113142253
Year:	2012
GEPAID:	CAL000306384
Contact:	JOHN MEDEIROS
Telephone:	9095793180
Mailing Name:	Not reported
Mailing Address:	521 CLAY ST
Mailing City,St,Zip:	CHILTON, WI 53015
Gen County:	San Bernardino
TSD EPA ID:	CAD008252405
TSD County:	Los Angeles
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.039
Cat Decode:	Not reported
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

KAYTEE PRODUCTS (Continued)

S113142253

Facility County: San Bernardino

envid: S113142253
Year: 2012
GEPAID: CAL000306384
Contact: JOHN MEDEIROS
Telephone: 9095793180
Mailing Name: Not reported
Mailing Address: 521 CLAY ST
Mailing City,St,Zip: CHILTON, WI 53015
Gen County: San Bernardino
TSD EPA ID: CAD982444481
TSD County: San Bernardino
Waste Category: Not reported
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.161
Cat Decode: Not reported
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: S113142253
Year: 2011
GEPAID: CAL000306384
Contact: JOHN MEDEIROS
Telephone: 9095793180
Mailing Name: Not reported
Mailing Address: 201 S CACTUS AVE
Mailing City,St,Zip: RIALTO, CA 923766318
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.1596
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access 7 additional CA_HAZNET: record(s) in the EDR Site Report.

39

**CRUMP, ROBERT
230 S SUTTER ST
SAN BERNARDINO, CA 92410**

**HAZNET S117300442
N/A**

HAZNET:
envid: S117300442
Year: 2013
GEPAID: CAC002743024
Contact: CRUMP, ROBERT
Telephone: 2133644276
Mailing Name: Not reported
Mailing Address: 230 S SUTTER ST
Mailing City,St,Zip: SAN BERNARDINO, CA 92410

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CRUMP, ROBERT (Continued)

S117300442

Gen County: San Bernardino
TSD EPA ID: AZC950823111
TSD County: 99
Waste Category: Not reported
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.4
Cat Decode: Not reported
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: Not reported

40

**TREETOP INC
206 S LILAC
RIALTO, CA 92376**

**HAZNET S112873660
N/A**

HAZNET:
envid: S112873660
Year: 1996
GEPAID: CAC001202472
Contact: TREE TOP INC
Telephone: 5096977251
Mailing Name: Not reported
Mailing Address: 206 S LILAC
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAT080022148
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Transfer Station
Tons: .4500
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S112873660
Year: 1996
GEPAID: CAC001202472
Contact: TREE TOP INC
Telephone: 5096977251
Mailing Name: Not reported
Mailing Address: 206 S LILAC
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAT080022148
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: 1.4750
Cat Decode: Other organic solids
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S112873660
Year: 1996
GEPAID: CAC001202472
Contact: TREE TOP INC
Telephone: 5096977251

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TREETOP INC (Continued)

S112873660

Mailing Name: Not reported
Mailing Address: 206 S LILAC
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAT080022148
TSD County: Not reported
Waste Category: Unspecified alkaline solution
Disposal Method: Transfer Station
Tons: .0250
Cat Decode: Unspecified alkaline solution
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S112873660
Year: 1996
GEPAID: CAC001202472
Contact: TREE TOP INC
Telephone: 5096977251
Mailing Name: Not reported
Mailing Address: 206 S LILAC
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAT080022148
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: .0150
Cat Decode: Unspecified organic liquid mixture
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S112873660
Year: 1996
GEPAID: CAC001202472
Contact: TREE TOP INC
Telephone: 5096977251
Mailing Name: Not reported
Mailing Address: 206 S LILAC
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAT080022148
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Transfer Station
Tons: .0650
Cat Decode: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Decode: Transfer Station
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
4 additional CA_HAZNET: record(s) in the EDR Site Report.

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

40 CALIFORNIA FOODS CORPORATION
206 S LILAC
RIALTO, CA 92376

HAZNET S113024493
N/A

HAZNET:

envid: S113024493
Year: 1995
GEPAID: CAL000008166
Contact: FREITAS FRANK
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 580
Mailing City,St,Zip: RIALTO, CA 923770000
Gen County: Not reported
TSD EPA ID: CAD009007626
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Not reported
Tons: .4214
Cat Decode: Asbestos containing waste
Method Decode: Not reported
Facility County: San Bernardino

envid: S113024493
Year: 1995
GEPAID: CAL000008166
Contact: FREITAS FRANK
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 580
Mailing City,St,Zip: RIALTO, CA 923770000
Gen County: Not reported
TSD EPA ID: CAD009007626
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 3.3712
Cat Decode: Asbestos containing waste
Method Decode: Disposal, Land Fill
Facility County: San Bernardino

envid: S113024493
Year: 1994
GEPAID: CAL000008166
Contact: FREITAS FRANK
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: PO BOX 580
Mailing City,St,Zip: RIALTO, CA 923770000
Gen County: Not reported
TSD EPA ID: CAT080011059
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: 2.7105
Cat Decode: Waste oil and mixed oil
Method Decode: Recycler
Facility County: San Bernardino

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

40	TREE TOP 206 S. LILAC AVE RIALTO, CA 92376	HAZNET	S113791013 N/A
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HAZNET:

envid:	S113791013
Year:	2012
GEPAID:	CAC002709053
Contact:	JOHN SPEDALIERE
Telephone:	7608321690
Mailing Name:	Not reported
Mailing Address:	206 S. LILAC AVE
Mailing City,St,Zip:	RIALTO, CA 92376
Gen County:	San Bernardino
TSD EPA ID:	TXD077603371
TSD County:	99
Waste Category:	Not reported
Disposal Method:	Fuel Blending Prior To Energy Recovery At Another Site
Tons:	0.225
Cat Decode:	Not reported
Method Decode:	Fuel Blending Prior To Energy Recovery At Another Site
Facility County:	San Bernardino

40	TREETOP INC 206 SO LILAC RIALTO, CA 92376	HAZNET	S113081062 N/A
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HAZNET:

envid:	S113081062
Year:	2009
GEPAID:	CAL000147416
Contact:	JOHN SPEDALERE/PLANT MGR
Telephone:	9098741550
Mailing Name:	Not reported
Mailing Address:	206 SO LILAC
Mailing City,St,Zip:	RIALTO, CA 923760000
Gen County:	Not reported
TSD EPA ID:	TXD077603371
TSD County:	Not reported
Waste Category:	Not reported
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.0115
Cat Decode:	Not reported
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Bernardino

envid:	S113081062
Year:	2009
GEPAID:	CAL000147416
Contact:	JOHN SPEDALERE/PLANT MGR
Telephone:	9098741550
Mailing Name:	Not reported
Mailing Address:	206 SO LILAC
Mailing City,St,Zip:	RIALTO, CA 923760000
Gen County:	Not reported
TSD EPA ID:	TXD077603371
TSD County:	Not reported
Waste Category:	Waste oil and mixed oil

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TREETOP INC (Continued)

S113081062

Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.0375
Cat Decode: Waste oil and mixed oil
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: San Bernardino

envid: S113081062
Year: 2008
GEPAID: CAL000147416
Contact: JOHN SPEDALERE/PLANT MGR
Telephone: 9098741550
Mailing Name: Not reported
Mailing Address: 206 SO LILAC
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: TXD077603371
TSD County: Not reported

Waste Category: Waste oil and mixed oil
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.075
Cat Decode: Waste oil and mixed oil
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: San Bernardino

envid: S113081062
Year: 2003
GEPAID: CAL000147416
Contact: JOHN SPEDALERE/PLANT MGR
Telephone: 9098741550
Mailing Name: Not reported
Mailing Address: 206 SO LILAC
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAT000613927
TSD County: Not reported

Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: 0.18
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113081062
Year: 2002
GEPAID: CAL000147416
Contact: JOHN SPEDALERE/PLANT MGR
Telephone: 9098741550
Mailing Name: Not reported
Mailing Address: 206 SO LILAC
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported

Waste Category: Alkaline solution without metals pH >= 12.5
Disposal Method: Transfer Station
Tons: 0.45
Cat Decode: Alkaline solution without metals pH >= 12.5

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TREETOP INC (Continued)

S113081062

Method Decode: Transfer Station
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

40

**TREE TOP, INC
206 S LILAC
RIALTO, CA 92376**

**HAZNET S113174931
N/A**

HAZNET:

envid: S113174931
Year: 2002
GEPAID: CAR000072207
Contact: JOHN SPEDALIERE/PLANT MGR
Telephone: 9098741550
Mailing Name: Not reported
Mailing Address: 206 S LILAC
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: KYD053348108
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Invalid Code
Tons: 0.12
Cat Decode: Unspecified oil-containing waste
Method Decode: Invalid Code
Facility County: San Bernardino

envid: S113174931
Year: 2002
GEPAID: CAR000072207
Contact: JOHN SPEDALIERE/PLANT MGR
Telephone: 9098741550
Mailing Name: Not reported
Mailing Address: 206 S LILAC
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAT000613927
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: 0.23
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113174931
Year: 2001
GEPAID: CAR000072207
Contact: JOHN SPEDALIERE/PLANT MGR
Telephone: 9098741550
Mailing Name: Not reported
Mailing Address: 206 S LILAC
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAT000613927
TSD County: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TREE TOP, INC (Continued)

S113174931

Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: 0.17
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113174931
Year: 2000
GEPAID: CAR000072207
Contact: JOHN SPEDALIERE/PLANT MGR
Telephone: 9098741550
Mailing Name: Not reported
Mailing Address: 206 S LILAC
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAD050806850
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: 0.45
Cat Decode: Unspecified oil-containing waste
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113174931
Year: 2000
GEPAID: CAR000072207
Contact: JOHN SPEDALIERE/PLANT MGR
Telephone: 9098741550
Mailing Name: Not reported
Mailing Address: 206 S LILAC
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAT000613927
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: 0.11
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Transfer Station
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

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CALIFORNIA FOODS CORP
206 S LILAC
RIALTO, CA 92376

CA FID UST **S101591336**
SWEEPS UST **N/A**

CA FID UST:
Facility ID: 36004919
Regulated By: UTNKA
Regulated ID: Not reported
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CALIFORNIA FOODS CORP (Continued)

S101591336

Mailing Address: 206 S LILAC
Mailing Address 2: Not reported
Mailing City,St,Zip: RIALTO 92376
Contact: Not reported
Contact Phone: Not reported
DUNS Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:

Status: Active
Comp Number: 8427
Number: 1
Board Of Equalization: 44-020060
Referral Date: 03-24-92
Action Date: 03-24-92
Created Date: 09-26-88
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-008427-000001
Tank Status: A
Capacity: 1
Active Date: 09-26-88
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: 3

Status: Active
Comp Number: 8427
Number: 1
Board Of Equalization: 44-020060
Referral Date: 03-24-92
Action Date: 03-24-92
Created Date: 09-26-88
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-008427-000002
Tank Status: A
Capacity: 1
Active Date: 09-26-88
Tank Use: UNKNOWN
STG: P
Content: UNKNOWN
Number Of Tanks: Not reported

Status: Active
Comp Number: 8427
Number: 1
Board Of Equalization: 44-020060
Referral Date: 03-24-92
Action Date: 03-24-92
Created Date: 09-26-88
Owner Tank Id: Not reported
SWRCB Tank Id: 36-000-008427-000003
Tank Status: A
Capacity: 1

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CALIFORNIA FOODS CORP (Continued)

S101591336

Active Date: 09-26-88
Tank Use: UNKNOWN
STG: P
Content: Not reported
Number Of Tanks: Not reported

40

**TREE TOP INC
206 LILAC AVENUE
RIALTO, CA 92374**

**HAZNET S113078997
N/A**

HAZNET:

envid: S113078997
Year: 2002
GEPID: CAL000143962
Contact: UNDELIVERABLE PER VF97 AH
Telephone: 9098741550
Mailing Name: Not reported
Mailing Address: 206 LILAC CT
Mailing City,St,Zip: REDLANDS, CA 923736126
Gen County: Not reported
TSD EPA ID: CAT080033681
TSD County: Not reported
Waste Category: Unspecified alkaline solution
Disposal Method: Recycler
Tons: 4.17
Cat Decode: Unspecified alkaline solution
Method Decode: Recycler
Facility County: San Bernardino

envid: S113078997
Year: 1999
GEPID: CAL000143962
Contact: TREE TOP INC
Telephone: 9098741550
Mailing Name: Not reported
Mailing Address: 206 LILAC CT
Mailing City,St,Zip: REDLANDS, CA 923736126
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Transfer Station
Tons: .0700
Cat Decode: Other organic solids
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113078997
Year: 1999
GEPID: CAL000143962
Contact: TREE TOP INC
Telephone: 9098741550
Mailing Name: Not reported
Mailing Address: 206 LILAC CT
Mailing City,St,Zip: REDLANDS, CA 923736126
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TREE TOP INC (Continued)

S113078997

Waste Category: Unspecified organic liquid mixture
Disposal Method: Transfer Station
Tons: .0200
Cat Decode: Unspecified organic liquid mixture
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113078997
Year: 1999
GEPAID: CAL000143962
Contact: TREE TOP INC
Telephone: 9098741550
Mailing Name: Not reported
Mailing Address: 206 LILAC CT
Mailing City,St,Zip: REDLANDS, CA 923736126
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported

Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 1.6680
Cat Decode: Unspecified organic liquid mixture
Method Decode: Recycler
Facility County: San Bernardino

envid: S113078997
Year: 1998
GEPAID: CAL000143962
Contact: TREE TOP INC
Telephone: 9098741550
Mailing Name: Not reported
Mailing Address: 206 LILAC CT
Mailing City,St,Zip: REDLANDS, CA 923736126
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Waste oil and mixed oil
Disposal Method: Recycler
Tons: .6255
Cat Decode: Waste oil and mixed oil
Method Decode: Recycler
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
2 additional CA_HAZNET: record(s) in the EDR Site Report.

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**GEORGIA PACIFIC CORP CHEM PAC DIVISION
207 S CACTUS
RIALTO, CA 92376**

**RCRA-SQG 1000357749
ECHO CAD060755774**

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: GEORGIA PACIFIC CORP CHEM PAC DIVISION
Facility address: 207 S CACTUS
RIALTO, CA 92376
EPA ID: CAD060755774
Mailing address: 201 SOUTH CACTUS STREET
RIALTO, CA 92376

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

GEORGIA PACIFIC CORP CHEM PAC DIVISION (Continued)

1000357749

Contact: Not reported
Contact address: Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 08/18/1980
Site name: GEORGIA PACIFIC CORP CHEM PAC DIVISION
Classification: Large Quantity Generator

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

GEORGIA PACIFIC CORP CHEM PAC DIVISION (Continued)

1000357749

Violation Status: No violations found

ECHO:

Envid: 1000357749
Registry ID: 110002652692
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002652692

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**FOREST RIVER
255 S PEPPER AVE
RIALTO, CA 92376**

**HAZNET S113796425
N/A**

HAZNET:

envid: S113796425
Year: 2014
GEPAID: CAL000140758
Contact: MURDELL CARMENA
Telephone: 9098733777
Mailing Name: Not reported
Mailing Address: PO BOX 3030
Mailing City,St,Zip: ELKHART, IN 465153030
Gen County: San Bernardino
TSD EPA ID: CAD008252405
TSD County: Los Angeles
Waste Category: Paint sludge
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.4587
Cat Decode: Paint sludge
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: San Bernardino

envid: S113796425
Year: 2012
GEPAID: CAL000140758
Contact: MURDELL CARMENA
Telephone: 9098733777
Mailing Name: Not reported
Mailing Address: PO BOX 3030
Mailing City,St,Zip: ELKHART, IN 465153030
Gen County: San Bernardino
TSD EPA ID: CAD093351377
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.5838
Cat Decode: Not reported
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: San Bernardino

envid: S113796425
Year: 2012
GEPAID: CAL000140758
Contact: MURDELL CARMENA
Telephone: 9098733777
Mailing Name: Not reported
Mailing Address: PO BOX 3030
Mailing City,St,Zip: ELKHART, IN 465153030
Gen County: San Bernardino
TSD EPA ID: CAT080013352

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FOREST RIVER (Continued)

S113796425

TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.76
Cat Decode: Not reported
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: San Bernardino

envid: S113796425
Year: 2012
GEPAID: CAL000140758
Contact: MURDELL CARMENA
Telephone: 9098733777
Mailing Name: Not reported
Mailing Address: PO BOX 3030
Mailing City,St,Zip: ELKHART, IN 465153030
Gen County: San Bernardino
TSD EPA ID: CAD093351377
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site
Tons: 0.5838
Cat Decode: Not reported
Method Decode: Fuel Blending Prior To Energy Recovery At Another Site
Facility County: San Bernardino

envid: S113796425
Year: 2012
GEPAID: CAL000140758
Contact: MURDELL CARMENA
Telephone: 9098733777
Mailing Name: Not reported
Mailing Address: PO BOX 3030
Mailing City,St,Zip: ELKHART, IN 465153030
Gen County: San Bernardino
TSD EPA ID: CAT080013352
TSD County: Los Angeles
Waste Category: Not reported
Disposal Method: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Tons: 0.76
Cat Decode: Not reported
Method Decode: Other Recovery Of Reclamation For Reuse Including Acid Regeneration, Organics Recovery Ect
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
4 additional CA_HAZNET: record(s) in the EDR Site Report.

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
EPA ID Number

Database(s)

43 **CHRISTINA SANCHEZ**
658 E BONNIE VIEW DR
RIALTO, CA 92376

HAZNET **S118223791**
N/A

HAZNET:
 envid: S118223791
 Year: 2014
 GEPAID: CAC002788112
 Contact: CHRISTINA SANCHEZ
 Telephone: 9098790256
 Mailing Name: Not reported
 Mailing Address: 658 E BONNIE VIEW DR
 Mailing City,St,Zip: RIALTO, CA 923766619
 Gen County: San Bernardino
 TSD EPA ID: AZC950823111
 TSD County: 99
 Waste Category: Asbestos containing waste
 Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

 Tons: 0.23
 Cat Decode: Asbestos containing waste
 Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)

 Facility County: San Bernardino

44 **WELLS FARGO ALARM SERVICES**
300 S SYCAMORE AVE
RIALTO, CA 92376

CA FID UST **S101629934**
HIST UST **N/A**
SWEEPS UST

CA FID UST:
 Facility ID: 36002190
 Regulated By: UTNKA
 Regulated ID: 00066998
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: Not reported
 Mail To: Not reported
 Mailing Address: 300 S SYCAMORE AVE
 Mailing Address 2: Not reported
 Mailing City,St,Zip: RIALTO 92376
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported
 Status: Active

HIST UST:
 File Number: 0002AA48
 URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/0002AA48.pdf>
 Region: Not reported
 Facility ID: Not reported
 Facility Type: Not reported
 Other Type: Not reported
 Contact Name: Not reported
 Telephone: Not reported
 Owner Name: Not reported
 Owner Address: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

WELLS FARGO ALARM SERVICES (Continued)

S101629934

Owner City,St,Zip:	Not reported
Total Tanks:	Not reported
Tank Num:	Not reported
Container Num:	Not reported
Year Installed:	Not reported
Tank Capacity:	Not reported
Tank Used for:	Not reported
Type of Fuel:	Not reported
Container Construction Thickness:	Not reported
Leak Detection:	Not reported

Click here for Geo Tracker PDF:

SWEEPS UST:

Status:	Active
Comp Number:	66998
Number:	9
Board Of Equalization:	Not reported
Referral Date:	09-10-91
Action Date:	09-10-91
Created Date:	02-29-88
Owner Tank Id:	TANK #1
SWRCB Tank Id:	36-000-066998-000001
Tank Status:	A
Capacity:	1500
Active Date:	08-25-88
Tank Use:	M.V. FUEL
STG:	P
Content:	REG UNLEADED
Number Of Tanks:	1

45

AMBER STEEL COMPANY
312 S WILLOW AVE
RIALTO, CA 92376

HIST UST U001575520
N/A

HIST UST:

File Number:	000298D2
URL:	http://geotracker.waterboards.ca.gov/ustpdfs/pdf/000298D2.pdf
Region:	STATE
Facility ID:	00000049277
Facility Type:	Other
Other Type:	REINFORCING STEEL
Contact Name:	Not reported
Telephone:	7148742213
Owner Name:	AMBER STEEL CO.
Owner Address:	312 S. WILLOW AVE.
Owner City,St,Zip:	RIALTO, CA 92376
Total Tanks:	0002
Tank Num:	001
Container Num:	I
Year Installed:	1972
Tank Capacity:	00010000
Tank Used for:	PRODUCT
Type of Fuel:	UNLEADED
Container Construction Thickness:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

AMBER STEEL COMPANY (Continued)

U001575520

Leak Detection: None

Tank Num: 002
Container Num: II
Year Installed: 1978
Tank Capacity: 00006000
Tank Used for: PRODUCT
Type of Fuel: REGULAR
Container Construction Thickness: Not reported
Leak Detection: None

[Click here for Geo Tracker PDF:](#)

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**AMBER STEEL
312 S WILLOW AVE
RIALTO, CA 92376**

**HAZNET S112897400
N/A**

HAZNET:
envid: S112897400
Year: 1998
GEPAID: CAC002105456
Contact: AMBER STEEL
Telephone: 9098742213
Mailing Name: Not reported
Mailing Address: 312 S WILLOW AVE
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAD099452708
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Recycler
Tons: 1.5512
Cat Decode: Unspecified oil-containing waste
Method Decode: Recycler
Facility County: San Bernardino

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**AMBER STEEL
312 S WILLOW AVE
RIALTO, CA 92376**

**HAZNET S113108395
N/A**

HAZNET:
envid: S113108395
Year: 2014
GEPAID: CAL000213956
Contact: CATHERINE JONES/OFFICE MANAGER
Telephone: 9098742213
Mailing Name: Not reported
Mailing Address: PO BOX 900
Mailing City,St,Zip: RIALTO, CA 923770000
Gen County: San Bernardino
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Unspecified oil-containing waste
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.015

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

AMBER STEEL (Continued)

S113108395

Cat Decode: Unspecified oil-containing waste
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: S113108395
Year: 2000
GEPAID: CAL000213956
Contact: CATHERINE JONES/OFFICE MANAGER
Telephone: 9098742213
Mailing Name: Not reported
Mailing Address: PO BOX 900
Mailing City,St,Zip: RIALTO, CA 923770000
Gen County: Not reported
TSD EPA ID: CAT000613927
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: 0.21
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Transfer Station
Facility County: San Bernardino

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**AMBER STEEL CO.
312 S WILLOW AVE
RIALTO, CA 92376**

**CA FID UST S101591797
SWEEPS UST N/A**

CA FID UST:

Facility ID: 36009076
Regulated By: UTNKA
Regulated ID: 00049277
Cortese Code: Not reported
SIC Code: Not reported
Facility Phone: Not reported
Mail To: Not reported
Mailing Address: P O BOX
Mailing Address 2: Not reported
Mailing City,St,Zip: RIALTO 92376
Contact: Not reported
Contact Phone: Not reported
DUNs Number: Not reported
NPDES Number: Not reported
EPA ID: Not reported
Comments: Not reported
Status: Active

SWEEPS UST:

Status: Active
Comp Number: 49277
Number: 9
Board Of Equalization: 44-021115
Referral Date: 09-10-91
Action Date: 09-10-91
Created Date: 02-29-88
Owner Tank Id: I
SWRCB Tank Id: 36-000-049277-000001
Tank Status: A

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

AMBER STEEL CO. (Continued)

S101591797

Capacity: 10000
Active Date: 08-25-88
Tank Use: M.V. FUEL
STG: P
Content: REG UNLEADED
Number Of Tanks: 2

Status: Active
Comp Number: 49277
Number: 9
Board Of Equalization: 44-021115
Referral Date: 09-10-91
Action Date: 09-10-91
Created Date: 02-29-88
Owner Tank Id: II
SWRCB Tank Id: 36-000-049277-000002
Tank Status: A
Capacity: 6000
Active Date: 08-25-88
Tank Use: M.V. FUEL
STG: P
Content: LEADED
Number Of Tanks: Not reported

**46 CHINO BASIN WATER DIST RP-1
2662 WALNUT AVE
SAN BERNARDINO, CA**

**RGA LUST S114601184
N/A**

RGA LUST:

2004 CHINO BASIN WATER DIST RP-1 2662 WALNUT AVE

**46 CHINO BASIN WATER DISTRICT
2662 WALNUT AVENUE
SAN BERNARDINO, CA**

**RGA LUST S114601187
N/A**

RGA LUST:

2004 CHINO BASIN WATER DISTRICT 2662 WALNUT AVENUE

**47 HECTOR AND GLORIA KOMIYAMA
461 EAST BONNIE VIEW DRIVE
RIALTO, CA 92376**

**HAZNET S118221148
N/A**

HAZNET:

envid: S118221148
Year: 2014
GEPAID: CAC002784477
Contact: HECTOR AND GLORIA KOMIYAMA
Telephone: 9095540856
Mailing Name: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HECTOR AND GLORIA KOMIYAMA (Continued)

S118221148

Mailing Address: 461 EAST BONNIE VIEW DRIVE
Mailing City,St,Zip: RIALTO, CA 923766614
Gen County: San Bernardino
TSD EPA ID: AZC950823111
TSD County: 99
Waste Category: Asbestos containing waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.92
Cat Decode: Asbestos containing waste
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: San Bernardino

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**TOWER MEDICAL CLINIC
348 SOUTH RIVERSIDE AVE
RIALTO, CA 92376**

**HAZNET S113061746
N/A**

HAZNET:
envid: S113061746
Year: 1999
GEPAID: CAL000106468
Contact: HUGH A SANDERS
Telephone: 9098200971
Mailing Name: Not reported
Mailing Address: PO BOX 218
Mailing City,St,Zip: RIALTO, CA 923770000
Gen County: Not reported
TSD EPA ID: CAD008252405
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Not reported
Tons: .4170
Cat Decode: Unspecified organic liquid mixture
Method Decode: Not reported
Facility County: San Bernardino

48

**334 SOUTH RIVERSIDE AVE
RIALTO, CA 92408**

**CHMIRS S109038589
N/A**

CHMIRS:
OES Incident Number: 6-4732
OES notification: 08/08/2006
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S109038589

Resp Agency Personnel # Of Decontaminated:	Not reported
Responding Agency Personnel # Of Injuries:	Not reported
Responding Agency Personnel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	Not reported
Waterway:	Santa Ana River
Spill Site:	Not reported
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2006
Agency:	City of Rialto Fire Dept
Incident Date:	8/8/2006 12:00:00 AM
Admin Agency:	San Bernardino County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Road
E Date:	Not reported
Substance:	Cooking grease
Gallons:	0.000000
Unknown:	0
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	Not reported
Description:	An underground grease storage facility overflowed into the street and the storm drain.

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

48

**320 SOUTH RIVERSIDE AVE
FONTANA, CA 92376**

**CHMIRS S116779662
N/A**

CHMIRS:

OES Incident Number:	4-3205
OES notification:	06/06/2014
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	Not reported
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Merchant/Business
Cleanup By:	No
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Type:	VAPOR
Measure:	N/A
Other:	Not reported
Date/Time:	900
Year:	2014
Agency:	So Cal Gas
Incident Date:	6/6/2014
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Natural Gas
Quantity Released:	UNK
Unknown:	Not reported
Substance #2:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site
Database(s)
EDR ID Number
EPA ID Number

(Continued)

S116779662

Substance #3: Not reported
Evacuations: Not reported
Number of Injuries: Not reported
Number of Fatalities: Not reported
#1 Pipeline: No
#2 Pipeline: No
#3 Pipeline: No
#1 Vessel >= 300 Tons: No
#2 Vessel >= 300 Tons: No
#3 Vessel >= 300 Tons: No
Evacs: No
Injuries: Collision
Fataals: No
Comments: Not reported
Description: RP states that a vehicle drove over a 1/2" riser resulting in the release of natural gas into the atmosphere. The release is contained and there were no injuries or evacuations.

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EDR Hist Cleaner 1015041677
N/A

316 S RIVERSIDE AVE
RIALTO, CA 92376

EDR Historical Cleaners:

Name: J J CLEANERS
Year: 2010
Address: 316 S RIVERSIDE AVE

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DRYCLEANERS S106112260
N/A

JJ CLEANERS
316 RIVERSIDE AVE
RIALTO, CA 92376

DRYCLEANERS:

EPA Id: CAL000270901
NAICS Code: 812331
NAICS Description: Linen Supply
SIC Code: 7213
SIC Description: Linen Supply
Create Date: 05/28/2003
Facility Active: No
Inactive Date: 06/30/2004
Facility Addr2: Not reported
Owner Name: RIGOBERTO GUTIERREZ
Owner Address: 316 RIVERSIDE AVE
Owner Address 2: Not reported
Owner Telephone: 9098746336
Contact Name: RIGOBERTO GUTIERREZ
Contact Address: 316 RIVERSIDE AVE
Contact Address 2: Not reported
Contact Telephone: 9098746336
Mailing Name: Not reported
Mailing Address 1: 316 RIVERSIDE AVE
Mailing Address 2: Not reported
Mailing City: RIALTO
Mailing State: CA
Mailing Zip: 92376

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

JJ CLEANERS (Continued)

S106112260

Owner Fax: 4
Region Code: Not reported

EPA Id: CAL000313380
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 11/09/2006
Facility Active: No
Inactive Date: 06/30/2007
Facility Addr2: Not reported
Owner Name: DAVID NUNEZ
Owner Address: 316 RIVERSIDE AVE
Owner Address 2: Not reported
Owner Telephone: 9098746336
Contact Name: DAVID NUNEZ
Contact Address: 316 S RIVERSIDE AVE
Contact Address 2: Not reported
Contact Telephone: 9098746336
Mailing Name: Not reported
Mailing Address 1: 316 S RIVERSIDE AVE
Mailing Address 2: Not reported
Mailing City: RIALTO
Mailing State: CA
Mailing Zip: 923766501
Owner Fax: 4
Region Code: Not reported

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**314 S RIVERSIDE AVE
RIALTO, CA 92376**

**EDR Hist Cleaner 1015041283
N/A**

EDR Historical Cleaners:

Name: VALUE CLEANERS
Year: 1999
Address: 314 S RIVERSIDE AVE

Name: VALUE CLEANERS
Year: 2000
Address: 314 S RIVERSIDE AVE

Name: VALUE CLEANERS
Year: 2001
Address: 314 S RIVERSIDE AVE

Name: VALUE CLEANERS
Year: 2002
Address: 314 S RIVERSIDE AVE

Name: VALUE CLEANERS
Year: 2004
Address: 314 S RIVERSIDE AVE

Name: J J CLEANERS
Year: 2006
Address: 314 S RIVERSIDE AVE

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

1015041283

Name: J J CLEANERS
Year: 2011
Address: 314 S RIVERSIDE AVE

Name: J J CLEANERS
Year: 2012
Address: 314 S RIVERSIDE AVE

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VALUE CLEANERS
314 S RIVERSIDE AVE
RIALTO, CA 92376

RCRA-SQG 1000596394
DRYCLEANERS CAD983603648
HAZNET
ECHO

RCRA-SQG:

Date form received by agency: 08/22/1991
Facility name: VALUE CLEANERS
Facility address: 314 S RIVERSIDE AVE
RIALTO, CA 92376
EPA ID: CAD983603648
Mailing address: S RIVERSIDE AVE
RIALTO, CA 92376
Contact: GITA K PATEL
Contact address: 314 S RIVERSIDE AVE
RIALTO, CA 92376
Contact country: US
Contact telephone: (714) 874-6336
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: GITA K PATEL
Owner/operator address: 314 S RIVERSIDE AVE
RIALTO, CA 92376
Owner/operator country: Not reported
Owner/operator telephone: (714) 874-6336
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

VALUE CLEANERS (Continued)

1000596394

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

Violation Status: No violations found

DRYCLEANERS:

EPA Id: CAD983603648
NAICS Code: 81232
NAICS Description: Drycleaning and Laundry Services (except Coin-Operated)
SIC Code: 7211
SIC Description: Power Laundries, Family and Commercial
Create Date: 08/22/1991
Facility Active: No
Inactive Date: 06/30/2003
Facility Addr2: Not reported
Owner Name: SANJYA DALAL
Owner Address: 316 S RIVERSIDE AVE
Owner Address 2: Not reported
Owner Telephone: 9098746336
Contact Name: SANJYA DALAL
Contact Address: 316 S RIVERSIDE AVE
Contact Address 2: Not reported
Contact Telephone: 9098746336
Mailing Name: Not reported
Mailing Address 1: 316 RIVERSIDE AV
Mailing Address 2: Not reported
Mailing City: RIALTO
Mailing State: CA
Mailing Zip: 923766501
Owner Fax: 4
Region Code: Not reported

HAZNET:

envid: 1000596394
Year: 2003
GEPAID: CAD983603648
Contact: SANJYA DALAL
Telephone: 9098746336
Mailing Name: Not reported
Mailing Address: 316 RIVERSIDE AV
Mailing City,St,Zip: RIALTO, CA 923766501
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Not reported
Tons: Not reported
Cat Decode: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Decode: Not reported
Facility County: San Bernardino

envid: 1000596394
Year: 2003

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

VALUE CLEANERS (Continued)

1000596394

GEPAID: CAD983603648
Contact: SANJYA DALAL
Telephone: 9098746336
Mailing Name: Not reported
Mailing Address: 316 RIVERSIDE AV
Mailing City,St,Zip: RIALTO, CA 923766501
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Recycler
Tons: 0.12
Cat Decode: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Decode: Recycler
Facility County: San Bernardino

envid: 1000596394
Year: 2002
GEPAID: CAD983603648
Contact: SANJYA DALAL
Telephone: 9098746336
Mailing Name: Not reported
Mailing Address: 316 RIVERSIDE AV
Mailing City,St,Zip: RIALTO, CA 923766501
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Not reported
Tons: Not reported
Cat Decode: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Decode: Not reported
Facility County: San Bernardino

envid: 1000596394
Year: 2002
GEPAID: CAD983603648
Contact: SANJYA DALAL
Telephone: 9098746336
Mailing Name: Not reported
Mailing Address: 316 RIVERSIDE AV
Mailing City,St,Zip: RIALTO, CA 923766501
Gen County: Not reported
TSD EPA ID: CAD008302903
TSD County: Not reported
Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Disposal Method: Transfer Station
Tons: 0.06
Cat Decode: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
Method Decode: Transfer Station
Facility County: San Bernardino

envid: 1000596394
Year: 2001

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

VALUE CLEANERS (Continued)

1000596394

GEPAID: CAD983603648
 Contact: SANJYA DALAL
 Telephone: 9098746336
 Mailing Name: Not reported
 Mailing Address: 316 RIVERSIDE AV
 Mailing City,St,Zip: RIALTO, CA 923766501
 Gen County: Not reported
 TSD EPA ID: CAD008302903
 TSD County: Not reported
 Waste Category: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
 Disposal Method: Not reported
 Tons: 0
 Cat Decode: Halogenated solvents (chloroforms, methyl chloride, perchloroethylene, etc)
 Method Decode: Not reported
 Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
 4 additional CA_HAZNET: record(s) in the EDR Site Report.

ECHO:
 Envid: 1000596394
 Registry ID: 110002859103
 DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002859103

49

282 S SYCAMORE AVE
RIALTO, CA

ERNS 8873367
N/A

[Click this hyperlink](#) while viewing on your computer to access
 additional ERNS detail in the EDR Site Report.

49

RIALTO TOC "RTO"
282 S SYCAMORE AVE
RIALTO, CA 92376

CA FID UST S101619410
SWEEPS UST N/A

CA FID UST:
 Facility ID: 36000694
 Regulated By: UTNKA
 Regulated ID: 00059537
 Cortese Code: Not reported
 SIC Code: Not reported
 Facility Phone: Not reported
 Mail To: Not reported
 Mailing Address: 282 S SYCAMORE AVE
 Mailing Address 2: Not reported
 Mailing City,St,Zip: RIALTO 92376
 Contact: Not reported
 Contact Phone: Not reported
 DUNs Number: Not reported
 NPDES Number: Not reported
 EPA ID: Not reported
 Comments: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RIALTO TOC "RTO" (Continued)

S101619410

Status: Active

SWEEPS UST:

Status: Active
Comp Number: 59537
Number: 9
Board Of Equalization: 44-021292
Referral Date: 09-10-91
Action Date: 09-10-91
Created Date: 02-29-88
Owner Tank Id: 1
SWRCB Tank Id: 36-000-059537-000001
Tank Status: A
Capacity: 6000
Active Date: 08-26-88
Tank Use: M.V. FUEL
STG: P
Content: DIESEL
Number Of Tanks: 1

49

SPRINT RIALTO SWITCH
282 S SYCAMORE AVE
RIALTO, CA 92376

CHMIRS S100216169
N/A

CHMIRS:

OES Incident Number: 802309
OES notification: Not reported
OES Date: Not reported
OES Time: Not reported
Date Completed: 27-JUL-88
Property Use: 600
Agency Id Number: 36185
Agency Incident Number: 2924
Time Notified: 1023
Time Completed: 1210
Surrounding Area: 400
Estimated Temperature: 90
Property Management: P
More Than Two Substances Involved?: N
Resp Agency Personel # Of Decontaminated: Not reported
Responding Agency Personel # Of Injuries: Not reported
Responding Agency Personel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: STEPHEN C WELL, FIRE CAPT
Report Date: 29-JUL-88
Facility Telephone: 714 820-2501
Waterway Involved: Not reported
Waterway: Not reported
Spill Site: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

SPRINT RIALTO SWITCH (Continued)

S100216169

Cleanup By:	Not reported
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	88-92
Agency:	Not reported
Incident Date:	27-JUL-88
Admin Agency:	Not reported
Amount:	Not reported
Contained:	Not reported
Site Type:	Not reported
E Date:	Not reported
Substance:	Not reported
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported
Number of Fatalities:	Not reported
#1 Pipeline:	Not reported
#2 Pipeline:	Not reported
#3 Pipeline:	Not reported
#1 Vessel >= 300 Tons:	Not reported
#2 Vessel >= 300 Tons:	Not reported
#3 Vessel >= 300 Tons:	Not reported
Evacs:	Not reported
Injuries:	Not reported
Fatals:	Not reported
Comments:	N
Description:	Not reported

49

**U S SPRINT/RIALTO SWH STA
282 S SYCAMORE AVE
RIALTO, CA 92376**

**UST U003784634
N/A**

UST:

Facility ID:	86008401
Permitting Agency:	SAN BERNARDINO COUNTY
Latitude:	34.09589
Longitude:	-117.36598

50

**FLEETWOOD TRAVEL TRAILERS OF C
255 S PEPPER AVE
SAN BERNARDINO, CA 92403**

**RCRA-SQG 1000224101
HIST UST CAD981384209
HAZNET
ECHO**

RCRA-SQG:

Date form received by agency:	09/01/1996
Facility name:	FLEETWOOD TRAVEL TRAILERS 11
Facility address:	255 S PEPPER AVE SAN BERNARDINO, CA 92403
EPA ID:	CAD981384209
Mailing address:	P O BOX 6066

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FLEETWOOD TRAVEL TRAILERS OF C (Continued)

1000224101

SAN BERNARDINO, CA 92403
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: FLEETWOOD ENTERPRISES
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

Historical Generators:

Date form received by agency: 02/06/1986
Site name: FLEETWOOD TRAVEL TRAILERS 11

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FLEETWOOD TRAVEL TRAILERS OF C (Continued)

1000224101

Classification: Large Quantity Generator

Violation Status: No violations found

HIST UST:

File Number: 00029EA0
URL: <http://geotracker.waterboards.ca.gov/ustpdfs/pdf/00029EA0.pdf>
Region: STATE
Facility ID: 00000016702
Facility Type: Other
Other Type: MANUFACTUR
Contact Name: AL CONNELL
Telephone: 7148740242
Owner Name: FLEETWOOD ENTERPRISES, INC.
Owner Address: 3125 MYERS STREET
Owner City,St,Zip: RIVERSIDE, CA 92523
Total Tanks: 0001

Tank Num: 001
Container Num: 001
Year Installed: 1970
Tank Capacity: 00001000
Tank Used for: PRODUCT
Type of Fuel: UNLEADED
Container Construction Thickness: 12
Leak Detection: Stock Inventor

[Click here for Geo Tracker PDF:](#)

HAZNET:

envid: 1000224101
Year: 2007
GEPAID: CAD981384209
Contact: UNDELIVERABLE FEE FORM 4-94
Telephone: --
Mailing Name: Not reported
Mailing Address: PO BOX 6066
Mailing City,St,Zip: SAN BERNARDINO, CA 924030000
Gen County: Not reported
TSD EPA ID: CAD008364432
TSD County: Not reported
Waste Category: Unspecified alkaline solution
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.41
Cat Decode: Unspecified alkaline solution
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: 1000224101
Year: 2007
GEPAID: CAD981384209
Contact: UNDELIVERABLE FEE FORM 4-94
Telephone: --
Mailing Name: Not reported
Mailing Address: PO BOX 6066

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

FLEETWOOD TRAVEL TRAILERS OF C (Continued)

1000224101

Mailing City,St,Zip: SAN BERNARDINO, CA 924030000
Gen County: Not reported
TSD EPA ID: CAD008364432
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.18
Cat Decode: Unspecified organic liquid mixture
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

ECHO:

Envid: 1000224101
Registry ID: 110002688609
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110002688609

51

**HUD
578 WILSON ST
RIALTO, CA 92376**

**HAZNET S112880767
N/A**

HAZNET:

envid: S112880767
Year: 1997
GEPAID: CAC001304024
Contact: HUD
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 7365 CARNELIAN STE 105
Mailing City,St,Zip: RANCHO CUCAMONGA, CA 917300000
Gen County: Not reported
TSD EPA ID: CAD000088252
TSD County: Not reported
Waste Category: Alkaline solution without metals pH >= 12.5
Disposal Method: Transfer Station
Tons: .0417
Cat Decode: Alkaline solution without metals pH >= 12.5
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S112880767
Year: 1997
GEPAID: CAC001304024
Contact: HUD
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 7365 CARNELIAN STE 105
Mailing City,St,Zip: RANCHO CUCAMONGA, CA 917300000
Gen County: Not reported
TSD EPA ID: CAD000088252
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: .0875
Cat Decode: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Decode: Transfer Station

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

HUD (Continued)

S112880767

Facility County: San Bernardino

52

**INTOWN PROPERTIES INC/HUD
648 E WILSON ST
RIALTO, CA 92376**

**HAZNET S112896983
N/A**

HAZNET:
envid: S112896983
Year: 1998
GEPAID: CAC002100928
Contact: HUD
Telephone: 7149577333
Mailing Name: Not reported
Mailing Address: 7365 CARNELIAN AVE
Mailing City,St,Zip: RANCHO CUCAMONGA, CA 917300000
Gen County: Not reported
TSD EPA ID: CAD000088252
TSD County: Not reported
Waste Category: Household waste
Disposal Method: Transfer Station
Tons: .2318
Cat Decode: Household waste
Method Decode: Transfer Station
Facility County: San Bernardino

53

**300 SOUTH CACTUS
RIALITO, CA**

**ERNS 2003633271
N/A**

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

54

**PACIFIC EQUIPMENT LOGISTICS LLC
360 S LILAC AVE
RIALTO, CA 92376**

**HAZNET S113140574
N/A**

HAZNET:
envid: S113140574
Year: 2007
GEPAID: CAL000302073
Contact: SHAUN FLANAGAN
Telephone: 9094217777
Mailing Name: Not reported
Mailing Address: PO BOX 2150
Mailing City,St,Zip: RIALTO, CA 923772150
Gen County: Not reported
TSD EPA ID: CAD097030993
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.2

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

PACIFIC EQUIPMENT LOGISTICS LLC (Continued)

S113140574

Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: San Bernardino

54

**BANTA HEALTHCARE, LTD
360 S LILAC ST
RIALTO, CA 92376**

**HAZNET S113093075
N/A**

HAZNET:

envid: S113093075
Year: 2004
GEPAID: CAL000176384
Contact: MARTIN MUNOZ/DISTRIBUTION MGR
Telephone: 9094210679
Mailing Name: Not reported
Mailing Address: 360 S LILAC ST
Mailing City,St,Zip: RIALTO, CA 923762150
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Empty containers less than 30 gallons
Disposal Method: Transfer Station
Tons: 0.16
Cat Decode: Empty containers less than 30 gallons
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113093075
Year: 2004
GEPAID: CAL000176384
Contact: MARTIN MUNOZ/DISTRIBUTION MGR
Telephone: 9094210679
Mailing Name: Not reported
Mailing Address: 360 S LILAC ST
Mailing City,St,Zip: RIALTO, CA 923762150
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Unspecified oil-containing waste
Disposal Method: Transfer Station
Tons: 0.14
Cat Decode: Unspecified oil-containing waste
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113093075
Year: 2004
GEPAID: CAL000176384
Contact: MARTIN MUNOZ/DISTRIBUTION MGR
Telephone: 9094210679
Mailing Name: Not reported
Mailing Address: 360 S LILAC ST
Mailing City,St,Zip: RIALTO, CA 923762150
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Waste oil and mixed oil

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

BANTA HEALTHCARE, LTD (Continued)

S113093075

Disposal Method: Transfer Station
Tons: 0.5
Cat Decode: Waste oil and mixed oil
Method Decode: Transfer Station
Facility County: San Bernardino

envid: S113093075
Year: 2004
GEPAID: CAL000176384
Contact: MARTIN MUNOZ/DISTRIBUTION MGR
Telephone: 9094210679
Mailing Name: Not reported
Mailing Address: 360 S LILAC ST
Mailing City,St,Zip: RIALTO, CA 923762150
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Off-specification, aged or surplus organics
Disposal Method: Transfer Station
Tons: 1.09
Cat Decode: Off-specification, aged or surplus organics
Method Decode: Transfer Station
Facility County: San Bernardino

54

**PACIFIC HIGH REACH
360 S LILAC AVE
RIALTO, CA 92376**

**HAZNET S112950628
N/A**

HAZNET:
envid: S112950628
Year: 2007
GEPAID: CAC002599096
Contact: SHAUN FLANAGAN
Telephone: 9496406233
Mailing Name: Not reported
Mailing Address: 360 S LILAC AVE
Mailing City,St,Zip: RIALTO, CA 92376
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Oil/water separation sludge
Disposal Method: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Tons: 5.21
Cat Decode: Oil/water separation sludge
Method Decode: Discharge To Sewer/Potw Or Npdes(With Prior Storage--With Or Without Treatment)
Facility County: San Bernardino

envid: S112950628
Year: 2006
GEPAID: CAC002599096
Contact: SHAUN FLANAGAN
Telephone: 9496406233
Mailing Name: Not reported
Mailing Address: 360 S LILAC AVE
Mailing City,St,Zip: RIALTO, CA 92376
Gen County: Not reported

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

PACIFIC HIGH REACH (Continued)
S112950628

TSD EPA ID: CAT080013352
 TSD County: Not reported
 Waste Category: Oil/water separation sludge
 Disposal Method: Recycler
 Tons: 6.25
 Cat Decode: Oil/water separation sludge
 Method Decode: Recycler
 Facility County: San Bernardino

55
MET PARTNERSHIP, LLC.
200 E WILSON ST
RIALTO, CA 92376

HAZNET **S117306335**
N/A

HAZNET:

envid: S117306335
 Year: 2013
 GEPAID: CAC002751458
 Contact: JESSE PEREZ
 Telephone: 8184888073
 Mailing Name: Not reported
 Mailing Address: 11024 BALBOA BLVD # 144
 Mailing City,St,Zip: GRANADA HILLS, CA 913445007
 Gen County: San Bernardino
 TSD EPA ID: AZC950823111
 TSD County: 99
 Waste Category: Not reported
 Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
 Tons: 1.2
 Cat Decode: Not reported
 Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
 Facility County: Not reported

56
495 S BURNEY ST
RIALTO, CA 92376

EDR Hist Auto **1015519319**
N/A

EDR Historical Auto Stations:

Name: S & M AUTO REPAIR
 Year: 2005
 Address: 495 S BURNEY ST

57
LARSEN DYE
407 E SOUTH
SAN BERNARDINO, CA

EDR Hist Cleaner **1014149662**
N/A

EDR Historical Cleaners:

Name: LARSEN DYE WORKS
 Year: 1930
 Type: DYERS AND CLEANERS

Name: LARSEN DYE
 Year: 1936
 Type: CLOTHES PRESSERS AND CLEANERS

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LARSEN DYE (Continued)

1014149662

Name: LARSEN DYE
Year: 1936
Type: DYERS AND CLEANERS

Name: LARSEN DYE WKS
Year: 1942
Type: CLOTHES PRESSERS AND CLEANERS

Name: LARSEN DYE WKS
Year: 1949
Type: CLOTHES PRESSERS AND CLEANERS

Name: LARSEN DYE WKS
Year: 1949
Type: DRY CLEANERS

Name: LARSEN DYE WKS
Year: 1949
Type: PRESSING AND CLEANING

Name: LARSEN DYE WKS
Year: 1949
Type: CLEANERS AND DYERS

57

**MASTER CLEAIVERS
406 E SOUTH
SAN BERNARDINO, CA**

**EDR Hist Cleaner 1014143028
N/A**

EDR Historical Cleaners:

Name: MASTER CLEAIVERS
Year: 1949
Type: DYERS AND CLEANERS

Name: MASTER CLEAIVERS
Year: 1949
Type: CLEANERS AND DYERS

57

**426 EAST SOUTH STREET
RIALTO, CA**

**CHMIRS S110981205
N/A**

CHMIRS:

OES Incident Number: 10-5113
OES notification: 08/25/2010
OES Date: Not reported
OES Time: Not reported
Date Completed: Not reported
Property Use: Not reported
Agency Id Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported
Estimated Temperature: Not reported
Property Management: Not reported
More Than Two Substances Involved?: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S110981205

Resp Agency Personnel # Of Decontaminated: Not reported
Responding Agency Personnel # Of Injuries: Not reported
Responding Agency Personnel # Of Fatalities: Not reported
Others Number Of Decontaminated: Not reported
Others Number Of Injuries: Not reported
Others Number Of Fatalities: Not reported
Vehicle Make/year: Not reported
Vehicle License Number: Not reported
Vehicle State: Not reported
Vehicle Id Number: Not reported
CA DOT PUC/ICC Number: Not reported
Company Name: Not reported
Reporting Officer Name/ID: Not reported
Report Date: Not reported
Facility Telephone: Not reported
Waterway Involved: No
Waterway: Not reported
Spill Site: Residence
Cleanup By: Contractor
Containment: Not reported
What Happened: Not reported
Type: Not reported
Measure: Gal(s)
Other: Not reported
Date/Time: 1900
Year: 2010
Agency: So Cal Edison
Incident Date: 8/25/2010
Admin Agency: San Bernardino County Health Department
Amount: Not reported
Contained: Yes
Site Type: Not reported
E Date: Not reported
Substance: Mineral Oil, non PCB
Quantity Released: 3
Unknown: Not reported
Substance #2: Not reported
Substance #3: Not reported
Evacuations: Not reported
Number of Injuries: Not reported
Number of Fatalities: Not reported
#1 Pipeline: Not reported
#2 Pipeline: Not reported
#3 Pipeline: Not reported
#1 Vessel >= 300 Tons: Not reported
#2 Vessel >= 300 Tons: Not reported
#3 Vessel >= 300 Tons: Not reported
Evacs: Not reported
Injuries: Not reported
Fatal: Not reported
Comments: Not reported
Description: a pole top transformer overheated causing the spill

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

57

402 EAST SOUTH STREET
RIALTO, CA

CHMIRS S110981204
N/A

CHMIRS:

OES Incident Number:	10-5112
OES notification:	08/25/2010
OES Date:	Not reported
OES Time:	Not reported
Date Completed:	Not reported
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agency Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported
Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA DOT PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Residence
Cleanup By:	Contractor
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Gal(s)
Other:	Not reported
Date/Time:	1900
Year:	2010
Agency:	So Cal Edison
Incident Date:	8/25/2010
Admin Agency:	San Bernardino County Health Department
Amount:	Not reported
Contained:	Yes
Site Type:	Not reported
E Date:	Not reported
Substance:	Mineral Oil, possible PCB
Quantity Released:	3
Unknown:	Not reported
Substance #2:	Not reported
Substance #3:	Not reported
Evacuations:	Not reported
Number of Injuries:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

(Continued)

S110981204

Number of Fatalities: Not reported
#1 Pipeline: Not reported
#2 Pipeline: Not reported
#3 Pipeline: Not reported
#1 Vessel >= 300 Tons: Not reported
#2 Vessel >= 300 Tons: Not reported
#3 Vessel >= 300 Tons: Not reported
Evacs: Not reported
Injuries: Not reported
Fataals: Not reported
Comments: Not reported
Description: A pole top transformer over heated causing the spill.

58

RIALTO BIOENERGY FACILITY
503 S SANTA ANA AVE
RIALTO, CA

AST A100423855
N/A

AST:

Certified Unified Program Agencies: Not reported
Owner: Rialto Bioenergy Facility, LLC
Total Gallons: Not reported
CERSID: 10501768
Facility ID: Not reported
Business Name: Rialto Bioenergy Facility
Phone: 909-546-1280
Fax: 909-546-1531
Mailing Address: 503 E. Santa Ana Ave.
Mailing Address City: Bloomington
Mailing Address State: CA
Mailing Address Zip Code: 92316
Operator Name: Rialto Bioenergy Facility, LLC
Operator Phone: 909-546-1280
Owner Phone: 760-436-8870
Owner Mail Address: C/O Anaergia 5780 Fleet Street, Ste. 310
Owner State: CA
Owner Zip Code: 92008
Owner Country: United States
Property Owner Name: Not reported
Property Owner Phone: Not reported
Property Owner Mailing Address: Not reported
Property Owner City: Not reported
Property Owner Stat : Not reported
Property Owner Zip Code: Not reported
Property Owner Country: Not reported
EPAID: CAR000201277

MAP FINDINGS

Map ID Direction Distance Distance (ft.)Site		EDR ID Number	
		Database(s)	EPA ID Number
58	LARSEN DYE WORKS 501 E SOUTH SAN BERNARDINO, CA	EDR Hist Cleaner	1014154164 N/A
EDR Historical Cleaners:			
Name: LARSEN DYE WKS			
Year: 1922			
Type: DYERS AND CLEANERS			
Name: LARSEN DYE WORKS			
Year: 1926			
Type: CLEANERS AND DYERS			
58	BELL J S GAS STA 497 E SOUTH SAN BERNARDINO, CA	EDR Hist Auto	1014188794 N/A
EDR Historical Auto Stations:			
Name: THOMPSON E W GAS STA			
Year: 1930			
Type: GASOLINE AND OIL SERVICE STATIONS			
Name: OBAR A S GAS STA			
Year: 1936			
Type: GASOLINE AND OIL SERVICE STATIONS			
Name: BELL J S GAS STA			
Year: 1942			
Type: GASOLINE AND OIL SERVICE STATIONS			
Name: STANDARD STATIONS			
Year: 1949			
Type: GASOLINE STATIONS			
59	PARQUE LA QUINTA MHP 350 S WILLOW AVE RIALTO, CA 92376	HAZNET	S112991448 N/A
HAZNET:			
envid: S112991448			
Year: 2011			
GEPAID: CAC002673384			
Contact: DAVID SMITH			
Telephone: 7602858196			
Mailing Name: Not reported			
Mailing Address: 350 S WILLOW AVE			
Mailing City,St,Zip: RIALTO, CA 923766319			
Gen County: Not reported			
TSD EPA ID: CAD982444481			
TSD County: Not reported			
Waste Category: Waste oil and mixed oil			
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)			
Tons: 0.114			
Cat Decode: Waste oil and mixed oil			
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)			
Facility County: San Bernardino			

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number
Database(s)
EPA ID Number

60 STAPLES THE OFFICE SUPERSTORE LLC
450 S CACTUS AVE
RIALTO, CA 92376

RCRA-SQG 1016168195
CAR000241059

RCRA-SQG:

Date form received by agency: 07/29/2013
Facility name: STAPLES THE OFFICE SUPERSTORE LLC
Facility address: 450 S CACTUS AVE
RIALTO, CA 92376
EPA ID: CAR000241059
Contact: ARI BARON
Contact address: 450 S CACTUS AVE
RIALTO, CA 92376
Contact country: US
Contact telephone: 909-879-7732
Contact email: ARI.BARON@STAPLES.COM
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: STAPLES THE OFFICE SUPERSTORE LLC
Owner/operator address: 500 STAPLES DRIVE
FRAMINGHAM, MA 01702
Owner/operator country: US
Owner/operator telephone: 508-253-1498
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 05/06/1998
Owner/Op end date: Not reported

Owner/operator name: STAPLE THE OFFICE SUPERSTORE LLC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 05/06/1998
Owner/Op end date: Not reported

Handler Activities Summary:

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

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

STAPLES THE OFFICE SUPERSTORE LLC (Continued)

1016168195

Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

. Waste code: D001
. Waste name: IGNITABLE WASTE

. Waste code: D002
. Waste name: CORROSIVE WASTE

. Waste code: D008
. Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

Violation Status: No violations found

60

**STAPLES THE OFFICE SUPERSTORE LLC
450 S CACTUS AVE
RIALTO, CA 92376**

**HAZNET S118237422
N/A**

HAZNET:

envid: S118237422
Year: 2014
GEPAID: CAR000241059
Contact: FROY RUIZ JR
Telephone: 3232041522
Mailing Name: Not reported
Mailing Address: 450 CACTUS AVE.
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: San Bernardino
TSD EPA ID: CAD028409019
TSD County: Los Angeles
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 0.225
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: S118237422
Year: 2014
GEPAID: CAR000241059
Contact: FROY RUIZ JR
Telephone: 3232041522
Mailing Name: Not reported
Mailing Address: 450 CACTUS AVE.
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: San Bernardino
TSD EPA ID: INR000110197
TSD County: Not reported
Waste Category: Liquids with pH <= 2
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

Tons: 0.063
Cat Decode: Liquids with pH <= 2

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

STAPLES THE OFFICE SUPERSTORE LLC (Continued)

S118237422

Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery
(H010-H129) Or (H131-H135)

Facility County: San Bernardino

envid: S118237422

Year: 2014

GEPAID: CAR000241059

Contact: FROY RUIZ JR

Telephone: 3232041522

Mailing Name: Not reported

Mailing Address: 450 CACTUS AVE.

Mailing City,St,Zip: RIALTO, CA 923760000

Gen County: San Bernardino

TSD EPA ID: INR000110197

TSD County: Not reported

Waste Category: Other organic solids

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery
(H010-H129) Or (H131-H135)

Tons: 0.008

Cat Decode: Other organic solids

Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery
(H010-H129) Or (H131-H135)

Facility County: San Bernardino

envid: S118237422

Year: 2014

GEPAID: CAR000241059

Contact: FROY RUIZ JR

Telephone: 3232041522

Mailing Name: Not reported

Mailing Address: 450 CACTUS AVE.

Mailing City,St,Zip: RIALTO, CA 923760000

Gen County: San Bernardino

TSD EPA ID: INR000110197

TSD County: Not reported

Waste Category: Not reported

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery
(H010-H129) Or (H131-H135)

Tons: 0.0155

Cat Decode: Not reported

Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery
(H010-H129) Or (H131-H135)

Facility County: San Bernardino

envid: S118237422

Year: 2014

GEPAID: CAR000241059

Contact: FROY RUIZ JR

Telephone: 3232041522

Mailing Name: Not reported

Mailing Address: 450 CACTUS AVE.

Mailing City,St,Zip: RIALTO, CA 923760000

Gen County: San Bernardino

TSD EPA ID: INR000110197

TSD County: Not reported

Waste Category: Alkaline solution without metals pH >= 12.5

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Recovery

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

STAPLES THE OFFICE SUPERSTORE LLC (Continued)

S118237422

(H010-H129) Or (H131-H135)
Tons: 0.0065
Cat Decode: Alkaline solution without metals pH >= 12.5
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access
5 additional CA_HAZNET: record(s) in the EDR Site Report.

60

**STAPLES DISTRIBUTION CENTER
450 S CACTUS
RIALTO, CA 92376**

**HAZNET S113117211
N/A**

HAZNET:
envid: S113117211
Year: 2006
GEPAID: CAL000240512
Contact: ROBERT RODRIGUEZ
Telephone: 9098797721
Mailing Name: Not reported
Mailing Address: 450 S CACTUS
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: TXD077603371
TSD County: Not reported
Waste Category: Off-specification, aged or surplus inorganics
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.8
Cat Decode: Off-specification, aged or surplus inorganics
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: San Bernardino

60

**STRETCH FORMING CORP
375 S CACTUS AVE
RIALTO, CA 92376**

**HAZNET S113467754
N/A**

HAZNET:
envid: S113467754
Year: 2010
GEPAID: CAL000349711
Contact: JEREMY UHRICH
Telephone: 9514430911
Mailing Name: Not reported
Mailing Address: 804 S REDLANDS AVE
Mailing City,St,Zip: PERRIS, CA 925702478
Gen County: Not reported
TSD EPA ID: CAD044429835
TSD County: Not reported
Waste Category: Off-specification, aged or surplus inorganics
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Tons: 0.02085
Cat Decode: Off-specification, aged or surplus inorganics

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

STRETCH FORMING CORP (Continued)

S113467754

Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)

Facility County: San Bernardino

envid: S113467754

Year: 2010

GEPAID: CAL000349711

Contact: JEREMY UHRICH

Telephone: 9514430911

Mailing Name: Not reported

Mailing Address: 804 S REDLANDS AVE

Mailing City,St,Zip: PERRIS, CA 925702478

Gen County: Not reported

TSD EPA ID: CAD982444481

TSD County: Not reported

Waste Category: Other organic solids

Disposal Method: Other Treatment

Tons: 0.0025

Cat Decode: Other organic solids

Method Decode: Other Treatment

Facility County: San Bernardino

envid: S113467754

Year: 2010

GEPAID: CAL000349711

Contact: JEREMY UHRICH

Telephone: 9514430911

Mailing Name: Not reported

Mailing Address: 804 S REDLANDS AVE

Mailing City,St,Zip: PERRIS, CA 925702478

Gen County: Not reported

TSD EPA ID: CAD982444481

TSD County: Not reported

Waste Category: Unspecified oil-containing waste

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)

Tons: 0.22935

Cat Decode: Unspecified oil-containing waste

Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)

Facility County: San Bernardino

envid: S113467754

Year: 2010

GEPAID: CAL000349711

Contact: JEREMY UHRICH

Telephone: 9514430911

Mailing Name: Not reported

Mailing Address: 804 S REDLANDS AVE

Mailing City,St,Zip: PERRIS, CA 925702478

Gen County: Not reported

TSD EPA ID: CAD982444481

TSD County: Not reported

Waste Category: Waste oil and mixed oil

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)

Tons: 0.209

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

STRETCH FORMING CORP (Continued)

S113467754

Cat Decode: Waste oil and mixed oil
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: San Bernardino

60

**TECHNIFORM
375 S CACTUS AVE
RIALTO, CA 92376**

**RCRA-SQG
HAZNET
ECHO**

**1004676311
CAR000083618**

RCRA-SQG:

Date form received by agency: 09/28/2000
Facility name: TECHNIFORM
Facility address: 375 S CACTUS AVE
RIALTO, CA 92376
EPA ID: CAR000083618
Contact: CLAY BAKER
Contact address: 375 S CACTUS AVE
RIALTO, CA 92376
Contact country: US
Contact telephone: (909) 877-6886
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: TECHNIFORM
Owner/operator address: 375 S CACTUS AVE
RIALTO, CA 92376
Owner/operator country: Not reported
Owner/operator telephone: (909) 877-6886
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

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

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TECHNIFORM (Continued)

1004676311

. Waste code: D039
. Waste name: TETRACHLOROETHYLENE

Violation Status: No violations found

HAZNET:

envid: 1004676311
Year: 2009
GEPAID: CAR000083618
Contact: RONNIE DONLEY
Telephone: 9098776886
Mailing Name: Not reported
Mailing Address: 375 S CACTUS AVE
Mailing City,St,Zip: RIALTO, CA 923766320
Gen County: Not reported
TSD EPA ID: NVT330010000
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.75
Cat Decode: Other organic solids
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: San Bernardino

envid: 1004676311
Year: 2009
GEPAID: CAR000083618
Contact: RONNIE DONLEY
Telephone: 9098776886
Mailing Name: Not reported
Mailing Address: 375 S CACTUS AVE
Mailing City,St,Zip: RIALTO, CA 923766320
Gen County: Not reported
TSD EPA ID: NVT330010000
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 0.75
Cat Decode: Other organic solids
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: San Bernardino

envid: 1004676311
Year: 2009
GEPAID: CAR000083618
Contact: RONNIE DONLEY
Telephone: 9098776886
Mailing Name: Not reported
Mailing Address: 375 S CACTUS AVE
Mailing City,St,Zip: RIALTO, CA 923766320
Gen County: Not reported
TSD EPA ID: CAT000613927
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

TECHNIFORM (Continued)

1004676311

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.315
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: 1004676311
Year: 2009
GEPAID: CAR000083618
Contact: RONNIE DONLEY
Telephone: 9098776886
Mailing Name: Not reported
Mailing Address: 375 S CACTUS AVE
Mailing City,St,Zip: RIALTO, CA 923766320
Gen County: Not reported
TSD EPA ID: CAT000613927
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.315
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: 1004676311
Year: 2008
GEPAID: CAR000083618
Contact: RONNIE DONLEY
Telephone: 9098776886
Mailing Name: Not reported
Mailing Address: 375 S CACTUS AVE
Mailing City,St,Zip: RIALTO, CA 923766320
Gen County: Not reported
TSD EPA ID: CAT000613927
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 0.609
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access 21 additional CA_HAZNET: record(s) in the EDR Site Report.

ECHO:

Envid: 1004676311
Registry ID: 110012250795
DFR URL: http://echo.epa.gov/detailed_facility_report?fid=110012250795

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

61

**380 SOUTH MERIDIAN AVE.
SAN BERNARDINO, CA**

**ERNS 2009903505
N/A**

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

61

**RIALTO MERCURY (J P KELLEY ELEMENTARY SCHOOL)
380 S MERIDIAN AVE
RIALTO, CA 92376**

**SEMS 1012043074
CAN000908764**

SEMS:

Site ID: 908764
EPA ID: CAN000908764
Federal Facility: N
NPL: Not on the NPL
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)

Following information was gathered from the prior CERCLIS update completed in 10/2013:

Site ID: 0908764
EPA ID: CAN000908764
Facility County: SAN BERNARDINO
Short Name: RIALTO MERCURY (J P KELLE
Congressional District: Not reported
IFMS ID: Not reported
SMSA Number: Not reported
USGC Hydro Unit: Not reported
Federal Facility: Not a Federal Facility
DMNSN Number: 0.00000
Site Orphan Flag: Not reported
RCRA ID: Not reported
USGS Quadrangle: Not reported
Site Init By Prog: R
NFRAP Flag: Not reported
Parent ID: Not reported
RST Code: Not reported
EPA Region: 09
Classification: Not reported
Site Settings Code: Not reported
NPL Status: Not on the NPL
DMNSN Unit Code: Not reported
RBRAC Code: Not reported
RResp Fed Agency Code: Not reported
Non NPL Status: Removal Only Site (No Site Assessment Work Needed)
Non NPL Status Date: 04/24/09
Site Fips Code: 06071
CC Concurrence Date: / /
CC Concurrence FY: Not reported
Alias EPA ID: Not reported
Site FUDS Flag: Not reported

CERCLIS Site Contact Name(s):

Contact ID: 9000109.00000
Contact Name: Richard Martyn
Contact Tel: (415) 972-3038
Contact Title: On-Scene Coordinator (OSC)
Contact Email: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RIALTO MERCURY (J P KELLEY ELEMENTARY SCHOOL) (Continued)

1012043074

Contact ID: 13003854.00000
Contact Name: Leslie Ramirez
Contact Tel: (415) 972-3978
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13003858.00000
Contact Name: Sharon Murray
Contact Tel: (415) 972-4250
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

Contact ID: 13004003.00000
Contact Name: Carl Brickner
Contact Tel: Not reported
Contact Title: Site Assessment Manager (SAM)
Contact Email: Not reported

CERCLIS Site Alias Name(s):

Alias ID: 101
Alias Name: J P KELLEY ELEMENTARY SCHOOL
Alias Address: 380 S MERIDIAN AVE
RIALTO, CA 92376
Alias ID: 102
Alias Name: RIALTO MERCURY (J P KELLEY ELEMENTARY SCHOOL)
Alias Address: 380 S MERIDIAN AVE
RIALTO, CA 92376
Alias Comments: Not reported
Site Description: Not reported

CERCLIS Assessment History:

Action Code: 001
Action: POTENTIALLY RESPONSIBLE PARTY EMERGENCY REMOVAL
Date Started: 05/02/09
Date Completed: 05/02/09
Priority Level: Stabilized
Operable Unit: SITEWIDE
Primary Responsibility: Responsible Party
Planning Status: Primary
Urgency Indicator: Emergency
Action Anomaly: Not reported

61

**RIALTO USD/KELLEY ELEM
380 S MERIDIAN AVE
RIALTO, CA 92376**

**HAZNET S112941825
N/A**

HAZNET:

envid: S112941825
Year: 2004
GEPAID: CAC002584401
Contact: BECKY MCKEEVER
Telephone: 9098207866
Mailing Name: Not reported
Mailing Address: 625 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 92376
Gen County: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RIALTO USD/KELLEY ELEM (Continued)

S112941825

TSD EPA ID: CAD009007626
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: 0.25
Cat Decode: Asbestos containing waste
Method Decode: Disposal, Land Fill
Facility County: San Bernardino

61

**380 SOUTH MERIDIAN AVENUE
RIALTO, CA 92376**

**ERNS 2009903565
N/A**

[Click this hyperlink](#) while viewing on your computer to access additional ERNS detail in the EDR Site Report.

61

**KELLEY ELEMENTARY
380 S MERIDIAN AVE
RIALTO, CA 92376**

**HAZNET S112977395
N/A**

HAZNET:
envid: S112977395
Year: 2009
GEPAID: CAC002641583
Contact: BILL RALPH
Telephone: 9098207866
Mailing Name: Not reported
Mailing Address: 625 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 923765749
Gen County: Not reported
TSD EPA ID: NVT330010000
TSD County: Not reported
Waste Category: Other inorganic solid waste
Disposal Method: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Tons: 15.1704
Cat Decode: Other inorganic solid waste
Method Decode: Landfill Or Surface Impoundment That Will Be Closed As Landfill(To Include On-Site Treatment And/Or Stabilization)
Facility County: San Bernardino

61

**RUSD-KELLEY ELEMENTARY
380 S MERIDIAN
RIALTO, CA 92376**

**HAZNET S113076169
N/A**

HAZNET:
envid: S113076169
Year: 1997
GEPAID: CAL000139299
Contact: RIALTO UNIFIED SCHOOL DIST
Telephone: 0000000000
Mailing Name: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

RUSD-KELLEY ELEMENTARY (Continued)

S113076169

Mailing Address: 625 W RIALTO AVE
Mailing City,St,Zip: RIALTO, CA 923760000
Gen County: Not reported
TSD EPA ID: CAD009007626
TSD County: Not reported
Waste Category: Asbestos containing waste
Disposal Method: Disposal, Land Fill
Tons: .5056
Cat Decode: Asbestos containing waste
Method Decode: Disposal, Land Fill
Facility County: San Bernardino

62

**430 S RIVERSIDE AVE
RIALTO, CA 92376**

**EDR Hist Auto 1015491946
N/A**

EDR Historical Auto Stations:

Name: JIMS MUFFLER & FAB
Year: 2012
Address: 430 S RIVERSIDE AVE

62

**ARCO #5305
484 RIVERSIDE AVE
RIALTO, CA 92376**

**LUST S103943748
N/A**

LUST REG 8:

Region: 8
County: San Bernardino
Regional Board: Santa Ana Region
Facility Status: Case Closed
Case Number: 083603438T
Local Case Num: 99046
Case Type: Soil only
Substance: Gasoline
Qty Leaked: Not reported
Abate Method: Not reported
Cross Street: MERRILL
Enf Type: Not reported
Funding: Not reported
How Discovered: OM
How Stopped: Not reported
Leak Cause: UNK
Leak Source: Piping
Global ID: T0607100568
How Stopped Date: 1/14/1999
Enter Date: 5/11/1999
Date Confirmation of Leak Began: Not reported
Date Preliminary Assessment Began: Not reported
Discover Date: 1/14/1999
Enforcement Date: Not reported
Close Date: 12/1/2000
Date Prelim Assessment Workplan Submitted: 2/9/1999
Date Pollution Characterization Began: Not reported
Date Remediation Plan Submitted: Not reported
Date Remedial Action Underway: Not reported
Date Post Remedial Action Monitoring: Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

ARCO #5305 (Continued)

S103943748

Enter Date:	5/11/1999
GW Qualifies:	Not reported
Soil Qualifies:	Not reported
Operator:	Not reported
Facility Contact:	Not reported
Interim:	Not reported
Oversite Program:	LUST
Latitude:	34.0926387
Longitude:	-117.370429
MTBE Date:	Not reported
Max MTBE GW:	Not reported
MTBE Concentration:	0
Max MTBE Soil:	Not reported
MTBE Fuel:	1
MTBE Tested:	Site NOT Tested for MTBE.Includes Unknown and Not Analyzed.
MTBE Class:	*
Staff:	VJJ
Staff Initials:	LH6
Lead Agency:	Local Agency
Local Agency:	36000L
Hydr Basin #:	UPPER SANTA ANA VALL
Beneficial:	Not reported
Priority:	Not reported
Cleanup Fund Id:	Not reported
Work Suspended:	Not reported
Summary:	Not reported

63

CANYON CREEK TRUCK CO
415 S LILAC AVE
RIALTO, CA 92376

HAZNET S112977822
N/A

HAZNET:

envid:	S112977822
Year:	2009
GEPAID:	CAC002642223
Contact:	LOIS BACON
Telephone:	2087462002
Mailing Name:	Not reported
Mailing Address:	PO BOX 1816
Mailing City,St,Zip:	LEWISTON, ID 835011463
Gen County:	Not reported
TSD EPA ID:	CAD982444481
TSD County:	Not reported
Waste Category:	Unspecified organic liquid mixture
Disposal Method:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons:	0.272
Cat Decode:	Unspecified organic liquid mixture
Method Decode:	Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County:	San Bernardino
envid:	S112977822
Year:	2009
GEPAID:	CAC002642223
Contact:	LOIS BACON
Telephone:	2087462002
Mailing Name:	Not reported

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

CANYON CREEK TRUCK CO (Continued)

S112977822

Mailing Address: PO BOX 1816
Mailing City,St,Zip: LEWISTON, ID 835011463
Gen County: Not reported
TSD EPA ID: CAD982444481
TSD County: Not reported
Waste Category: Other organic solids
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Tons: 1.4
Cat Decode: Other organic solids
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: San Bernardino

64

**HOUSING URBAN & DEVELOPMENT DEPARTMENT
442 MARCELLA AVE
RIALTO, CA 92376**

**HAZNET S112842043
N/A**

HAZNET:
envid: S112842043
Year: 1997
GEPAID: CAC000742248
Contact: HOUSING URBAN AND DEV DEPT
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 7365 CARNELIAN AVE STE 105
Mailing City,St,Zip: RANCHO CUCAMONGA, CA 917300000
Gen County: Not reported
TSD EPA ID: CAD000088252
TSD County: Not reported
Waste Category: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Disposal Method: Transfer Station
Tons: .0396
Cat Decode: Oxygenated solvents (acetone, butanol, ethyl acetate, etc.)
Method Decode: Transfer Station
Facility County: San Bernardino

65

**LAZER TRUCK LINES INC
446 SOUTH YUCCA
RIALTO, CA 92376**

**HAZNET S113084130
N/A**

HAZNET:
envid: S113084130
Year: 2014
GEPAID: CAL000157488
Contact: BILL DESATOFF
Telephone: 9098776926
Mailing Name: Not reported
Mailing Address: PO BOX 1160
Mailing City,St,Zip: FONTANA, CA 923341160
Gen County: San Bernardino
TSD EPA ID: CAD044429835
TSD County: Los Angeles
Waste Category: Unspecified organic liquid mixture
Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)

MAP FINDINGS

Map ID
Direction
Distance
Distance (ft.)Site

EDR ID Number

Database(s) EPA ID Number

LAZER TRUCK LINES INC (Continued)

S113084130

Tons: 0.1
Cat Decode: Unspecified organic liquid mixture
Method Decode: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: San Bernardino

envid: S113084130
Year: 2003
GEPAID: CAL000157488
Contact: BILL DESATOFF
Telephone: 9098776926
Mailing Name: Not reported
Mailing Address: PO BOX 1160
Mailing City,St,Zip: FONTANA, CA 923341160
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Tons: 0.22
Cat Decode: Unspecified aqueous solution
Method Decode: Recycler
Facility County: San Bernardino

envid: S113084130
Year: 2002
GEPAID: CAL000157488
Contact: BILL DESATOFF
Telephone: 9098776926
Mailing Name: Not reported
Mailing Address: PO BOX 1160
Mailing City,St,Zip: FONTANA, CA 923341160
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Unspecified organic liquid mixture
Disposal Method: Recycler
Tons: 0.68
Cat Decode: Unspecified organic liquid mixture
Method Decode: Recycler
Facility County: San Bernardino

envid: S113084130
Year: 2001
GEPAID: CAL000157488
Contact: BILL DESATOFF
Telephone: 9098776926
Mailing Name: Not reported
Mailing Address: PO BOX 1160
Mailing City,St,Zip: FONTANA, CA 923341160
Gen County: Not reported
TSD EPA ID: CAT080013352
TSD County: Not reported
Waste Category: Unspecified aqueous solution
Disposal Method: Recycler
Tons: 0.22
Cat Decode: Unspecified aqueous solution

MAP FINDINGS

Map ID			EDR ID Number
Direction			
Distance			
Distance (ft.)	Site	Database(s)	EPA ID Number

LAZER TRUCK LINES INC (Continued)

S113084130

Method Decode: Recycler
Facility County: San Bernardino

envid: S113084130
Year: 1999
GEPAID: CAL000157488
Contact: BILL DESATOFF
Telephone: 9098776926
Mailing Name: Not reported
Mailing Address: PO BOX 1160
Mailing City,St,Zip: FONTANA, CA 923341160
Gen County: Not reported
TSD EPA ID: CAT080025711
TSD County: Not reported
Waste Category: Aqueous solution with total organic residues less than 10 percent
Disposal Method: Transfer Station
Tons: .6880
Cat Decode: Aqueous solution with total organic residues less than 10 percent
Method Decode: Transfer Station
Facility County: San Bernardino

[Click this hyperlink](#) while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

City	EDR ID	Site Name	Site Address	Zip	Database(s)
RIALTO	S113457481	WESTERN EXPRESS	I 10 WB RIVERSIDE AVERY OFFRAMP	92376	HAZNET
RIALTO	S112905748	CITY OF RIALTO	128 & 131 S WILLOW	92376	HAZNET
RIALTO	S112932048	CALTRANS DIST 8/CONSTR EA 08-4437U4	RTE 210 PM R 15.35	92376	HAZNET
RIALTO	S117311751	CITY OF RIALTO	SR 210 RIVERSIDE DR OVERPASS	92376	HAZNET
RIALTO	S112896062	HUD INTOWN PROPERTIES	1029 CHURCH ST SOUTH	92376	HAZNET
RIALTO	S112957711	THE WALTON CONSTRUCTION	NW CORNER OF N PEPPER AVE	92376	HAZNET
RIALTO	S112906316	ROSS LAND HOLDING	SO EAST OF RIVERSIDE AVE & SAN	92376	HAZNET
RIALTO	S113010196	SO CAL EDISON- FONTANA POWER HOUSE	FONTANA PH 5445 N RIVERSIDE	92376	HAZNET
RIALTO	S112939621	BARON PACIFIC LP	176-210 W FOOTHILL BLVD	92376	HAZNET
RIALTO	S117286458	FLAP INC DBA COLT AUTO SUPPLY	330 FOOTHILL BLVD	92376	HAZNET
RIALTO	S112894904	FOOTHILL SHOPPING CENTER	237-247 W FOOTHILL BLVD.	92376	HAZNET
RIALTO	S114700231	TEXACO SERVICE STATION	110 FOOTHILL BLVD		RGA LUST
RIALTO	S114703254	THRIFTY OIL #77 / ARCO #9551	280 FOOTHILL BLVD		RGA LUST
RIALTO	S114601808	CIRCLE K #5252/TOSCO	518 FOOTHILL BLVD		RGA LUST
RIALTO	S114700633	TEXACO SS #61-069-0362	110 FOOTHILL BOULEVARD, EAST		RGA LUST
RIALTO	S114688208	SHELL SERVICE STATION	684 FOOTHILL BOULEVARD,		RGA LUST
RIALTO	S114697722	SURU'S SHELL	684 FOOTHILL BLVD		RGA LUST
RIALTO	S114700233	TEXACO SERVICE STATION	110 FOOTHILL BOULEVARD, EAST		RGA LUST
RIALTO	S114705589	TOSCO/ UNOCAL #1995	101 FOOTHILL BLVD		RGA LUST
RIALTO	S114686528	SHELL #684	684 FOOTHILL BLVD		RGA LUST
RIALTO	S114676644	RIALTO CAR WASH	660 FOOTHILL BLVD		RGA LUST
RIALTO	S114688207	SHELL SERVICE STATION	684 FOOTHILL BOULEVARD, EAST		RGA LUST
RIALTO	S104745443	TOSCO/ UNOCAL #1995	101 FOOTHILL BLVD	92376	HIST CORTESE, LUST
RIALTO	S112913583	ALFTER COMPRESSOR	160 LILAC	92376	HAZNET
RIALTO	S112903323	ALFTER COMPRESSOR	160 LILAC	92376	HAZNET
RIALTO	S112934034	CALTRANS DIST 8/ROW	1979 N LILAC AVE	92376	HAZNET
RIALTO	S113045718	SLAUSON TRANSMISSION PARTS WHS	2365 SO LILAC	92376	HAZNET
RIALTO	S112865658	INTOWN PROPERTIES, INC./HUD	9789 MAGNOLIA	92376	HAZNET
RIALTO	S118412346	LIFETILE INC RIALTO	3511 NOTTH RIVERSIDE AVE	92376	HIST UST
RIALTO	S114676660	RIALTO, CITY OF/ METROLINK	290 PALM AVENUE, SOUTH		RGA LUST
RIALTO	S114676661	RIALTO, CITY OF/ METROLINK	290 PALM AVE		RGA LUST
RIALTO	S114676665	RIALTO, CITY OF/METROLINC STAT	290 PALM AVENUE, SOUTH		RGA LUST
RIALTO	S113024551	J&K AUTO BODY	24195 PALM	92376	HAZNET
RIALTO	S114658783	NAT'L CONVENIENCE STORE, INC.(AKA CIRCLE K STORE NO. 5249)	105 PEPPER ST		RGA LUST
RIALTO	S114658786	NAT'L CONVENIENCE STORE, INC.	105 PEPPER ST		RGA LUST
RIALTO	S114601584	CIRCLE K # 5249	105 PEPPER AVE		RGA LUST
RIALTO	S114658785	NAT'L CONVENIENCE STORE, INC.	105 PEPPER STREET, SOUTH		RGA LUST
RIALTO	S112848606	1X BOB MOORE	515 RIALTO	92376	HAZNET
RIALTO	S114676652	RIALTO UNIFIED SCHOOL DISTRICT	625 RIALTO AVE		RGA LUST
RIALTO	S105025771	THRIFTY OIL #323/ ARCO #9	111 RIALTO	92376	HIST CORTESE
RIALTO	S105025779	THRIFTY OIL #77 / ARCO #9	280 RIALTO	92376	HIST CORTESE
RIALTO	S114572955	ARCO # 6365	2898 RIALTO AVENUE		RGA LUST

City	EDR ID	Site Name	Site Address	Zip	Database(s)
RIALTO	S105754271	RIALTO COMMUNITY SCHOOL	RIALTO AVENUE/ARROWHEAD AVENUE	92376	ENVIROSTOR
RIALTO	S105025772	MOBIL #18-E-3B	116 RIALTO	92376	HIST CORTESE
RIALTO	S106387331	RIALTO UNIFIED SCHOOL DISTRICT	625 RIALTO AVE	92376	LUST
RIALTO	S112892159	INLAND COMMUNITY BANK	131 RIVERSIDE	92376	HAZNET
RIALTO	S113126699	JJ CLEANERS	316 RIVERSIDE AVE	92376	HAZNET
RIALTO	S114574282	ARCO #5305	484 RIVERSIDE AVE		RGA LUST
RIALTO	S118408841	COLTON TERMINAL	2350 SO RIVERSIDE AVE	92376	HIST UST
RIALTO	S113102467	THE REAL MC COY	2655 RIVERSIDE	92376	HAZNET
RIALTO	S114574284	ARCO #5305	484 RIVERSIDE		RGA LUST
RIALTO	S112944020	YEAGER SKANSKA	S W CORNER OF HIGHLAND & RIVERSIDE	92376	HAZNET
RIALTO	S113792146	RIALTO FIRE DEPT.	246 W. WILLOW AVENUE	92376	HAZNET
RIALTO	S112880388	MOTOR CARGO	2650 S WILLOW AVE	92376	HAZNET
RIALTO	S113033657	DURA TECHNOLOGIES INC	2720A SOUTH WILLOW AVE	92376	HAZNET
RIALTO	S112844103	HILL CRANE SERVICE	2675 WILLOW AVE	92376	HAZNET
RIALTO	S112969082	EVERGREEN ENVIRONMENTAL SERVICES	2809 WILLOW AVE	92376	HAZNET
RIALTO	S112957229	SOUTHERN CALIFORNIA HOUSING DEVELOPMENT CORP	1432 WILLOW AVE	92376	HAZNET
RIALTO	S114724031	YOUNG'S MARKET	260 WILLOW AVENUE, SOUTH		RGA LUST
RIALTO	S112937086	JL DAVIDSON CO	2755 S WILLOW	92376	HAZNET
RIALTO	S114724032	YOUNG'S MARKET	260 WILLOW AVE		RGA LUST
RIALTO	S118414606	RIALTO FIRE STA 1	131 SOUTH WILLOW	92376	HIST UST
RIALTO	S112876092	HUD/INTOWN PROP_INC	662 YUCCA ST	92376	HAZNET
SAN BERNARDINO	S113035951	BOBS BODY SHOP	1197 3RD ST	92410	HAZNET
SAN BERNARDINO	S112928805	CALTRANS DIST 8/R O W	1893,1940, 1981, & 2090 N STATE ST	92411	HAZNET
SAN BERNARDINO	S101308124	CALTRANS PANARAMA PT.MAINT.ST.	HWY 18, MILEPOST 15.84	92410	LUST
SAN BERNARDINO	S112920365	CALTRANS DISTRICT 8	I 215 FREEWAY PM 6.3 LYTLE CREEK	92410	HAZNET
SAN BERNARDINO	S113775848	SHIRLEY MCCLANAHAN	2766 E 4TH ST	92410	HAZNET
SAN BERNARDINO	S112981035	CALTRANS D-8/CONSTR/EA08-0E5004	RTE 66 EB/WB PM 17.64/20.81	92376	HAZNET
SAN BERNARDINO	1003878981	SECCOMBE LAKE STATE REC AREA	7TH ST BETW SERRIA & WATERMAN	92410	SEMS-ARCHIVE
SAN BERNARDINO	S112942265	CITY OF SAN BERNARDINO	140 ALLEN ST	92410	HAZNET
SAN BERNARDINO	S112872502	HECTOR CERDA	1962 W AVE RIALTO	92410	HAZNET
SAN BERNARDINO	S112891051	NAVAL BUILDING	SW CORNER OF 4TH & WATERMAN	92410	HAZNET
SAN BERNARDINO	S112887778	SAN BERNARDINO CITY USD/HIGH SCHOOL	SE CRNR OF PENNSYLVANIA & BASELINE	92411	HAZNET
SAN BERNARDINO	S112959054	SOUTHERN CALIFORNIA EDISON	2885 W FOOTHILL BLVD	92410	HAZNET
SAN BERNARDINO	S112974662	SOUTHERN CALIFORNIA EDISON	2885 FOOTHILL BLVD	92410	HAZNET
SAN BERNARDINO	S112883452	CAROL HAMILTON	2706 FOOTHILL BLVD	92411	HAZNET
SAN BERNARDINO	S118415210	SEARS ROEBUCK AND CO SERVICES	595 S G STREET SAN BERNARD	92410	HIST UST
SAN BERNARDINO	S112974181	BNSF	GATE 1 4TH ST	92410	HAZNET
SAN BERNARDINO	S118412087	KNUDSEN CORPORATION	333 SOUTH I STREET	92410	HIST UST
SAN BERNARDINO	S113040600	UNOCAL SERVICE STATION #5961	I-15/HWY 138	92410	HAZNET
SAN BERNARDINO	S113088721	CIRCLE K STORES INC STATION #5700	I-5/HWY 138	92410	HAZNET
SAN BERNARDINO	S112971399	CITY OF SAN BERNARDINO - CODE ENFORCEMENT AGENCY	347 MACY DR	92410	HAZNET
SAN BERNARDINO	S118407401	ALTA DENA 658	341 SOUTH MT VERNON	92410	HIST UST
SAN BERNARDINO	S113156079	CONVENIENCE RETAILERS LLC # 2705249	105 S PEPPER	92410	HAZNET
SAN BERNARDINO	S118408542	CHARGER 3	1991 WEST RIALTO	92410	HIST UST
SAN BERNARDINO	S104756707	MERIT OIL COMPANY	1405 RIALTO AVE	92410	HIST CORTESE, LUST

Count: 88 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN BERNARDINO COUN	1016139697	CIMA ROAD MINE WASTE SITE	1 MIL W OF INTE. 15 OFF CIMA ROAD		SEMS

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.

FEDERAL RECORDS

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: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

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: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: N/A
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/05/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/16/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SEMS: Superfund Enterprise Management System

SEMS (Superfund Enterprise Management System) tracks hazardous waste sites, potentially hazardous waste sites, and remedial activities performed in support of EPA's Superfund Program across the United States. The list was formerly known as CERCLIS, renamed to SEMS by the EPA in 2015. The list contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). This dataset also contains sites which are either proposed to or on the National Priorities List (NPL) and the sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/20/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Quarterly

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: 03/07/2016	Source: EPA
Date Data Arrived at EDR: 04/05/2016	Telephone: 800-424-9346
Date Made Active in Reports: 04/15/2016	Last EDR Contact: 10/20/2016
Number of Days to Update: 10	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Quarterly

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: 02/18/2014	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/18/2014	Telephone: 202-564-6023
Date Made Active in Reports: 04/24/2014	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 06/27/2016	Source: EPA
Date Data Arrived at EDR: 06/30/2016	Telephone: 800-424-9346
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 09/28/2016
Number of Days to Update: 64	Next Scheduled EDR Contact: 01/09/2017
	Data Release Frequency: Quarterly

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/21/2016
Date Data Arrived at EDR: 06/30/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/28/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Quarterly

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: 06/21/2016
Date Data Arrived at EDR: 06/30/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/28/2016
Next Scheduled EDR Contact: 01/09/2017
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: 06/21/2016
Date Data Arrived at EDR: 06/30/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 64

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 09/28/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Quarterly

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: 05/09/2016
Date Data Arrived at EDR: 06/01/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/31/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 05/09/2016
Date Data Arrived at EDR: 06/01/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 93

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 08/31/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Varies

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 43

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 09/29/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Annually

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: 09/20/2016
Date Data Arrived at EDR: 09/21/2016
Date Made Active in Reports: 11/11/2016
Number of Days to Update: 51

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/21/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Semi-Annually

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: 03/31/2016
Date Data Arrived at EDR: 08/01/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 53

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Varies

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: 11/25/2013
Date Data Arrived at EDR: 12/12/2013
Date Made Active in Reports: 02/24/2014
Number of Days to Update: 74

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/09/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Annually

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: 12/31/2014
Date Data Arrived at EDR: 11/24/2015
Date Made Active in Reports: 04/05/2016
Number of Days to Update: 133

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Annually

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: 12/31/2013
Date Data Arrived at EDR: 02/24/2015
Date Made Active in Reports: 09/30/2015
Number of Days to Update: 218

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 08/26/2016
Next Scheduled EDR Contact: 12/05/2016
Data Release Frequency: Biennially

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DOCKET HWC: Hazardous Waste Compliance Docket Listing

A complete list of the Federal Agency Hazardous Waste Compliance Docket Facilities.

Date of Government Version: 06/02/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/03/2016	Telephone: 202-564-0527
Date Made Active in Reports: 09/02/2016	Last EDR Contact: 08/24/2016
Number of Days to Update: 91	Next Scheduled EDR Contact: 12/12/2016
	Data Release Frequency: Varies

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013	Source: EPA
Date Data Arrived at EDR: 10/17/2014	Telephone: 202-564-6023
Date Made Active in Reports: 10/20/2014	Last EDR Contact: 11/07/2016
Number of Days to Update: 3	Next Scheduled EDR Contact: 02/20/2017
	Data Release Frequency: Quarterly

UXO: Unexploded Ordnance Sites

A listing of unexploded ordnance site locations

Date of Government Version: 10/25/2015	Source: Department of Defense
Date Data Arrived at EDR: 01/29/2016	Telephone: 571-373-0407
Date Made Active in Reports: 04/05/2016	Last EDR Contact: 11/21/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 01/30/2017
	Data Release Frequency: Varies

IHS OPEN DUMPS: Open Dumps on Indian Land

A listing of all open dumps located on Indian Land in the United States.

Date of Government Version: 04/01/2014	Source: Department of Health & Human Services, Indian Health Service
Date Data Arrived at EDR: 08/06/2014	Telephone: 301-443-1452
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 11/04/2016
Number of Days to Update: 176	Next Scheduled EDR Contact: 02/13/2017
	Data Release Frequency: Varies

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: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 11/17/2016
Number of Days to Update: 54	Next Scheduled EDR Contact: 11/28/2016
	Data Release Frequency: Varies

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 10/11/2016
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/23/2017
	Data Release Frequency: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 06/30/2016
Date Data Arrived at EDR: 07/25/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 88

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 06/30/2016
Date Data Arrived at EDR: 07/25/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 88

Source: EPA
Telephone: 202-564-2496
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Annually

FUSRAP: Formerly Utilized Sites Remedial Action Program

DOE established the Formerly Utilized Sites Remedial Action Program (FUSRAP) in 1974 to remediate sites where radioactive contamination remained from Manhattan Project and early U.S. Atomic Energy Commission (AEC) operations.

Date of Government Version: 07/21/2016
Date Data Arrived at EDR: 07/26/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 59

Source: Department of Energy
Telephone: 202-586-3559
Last EDR Contact: 11/08/2016
Next Scheduled EDR Contact: 02/20/2017
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: 08/22/2016
Date Data Arrived at EDR: 08/23/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 59

Source: EPA
Telephone: 800-385-6164
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

ECHO: Enforcement & Compliance History Information

ECHO provides integrated compliance and enforcement information for about 800,000 regulated facilities nationwide.

Date of Government Version: 09/18/2016
Date Data Arrived at EDR: 09/20/2016
Date Made Active in Reports: 10/21/2016
Number of Days to Update: 31

Source: Environmental Protection Agency
Telephone: 202-564-2280
Last EDR Contact: 09/20/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Quarterly

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: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 09/02/2016
Number of Days to Update: 81

Source: Department of Interior
Telephone: 202-208-2609
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STATE AND LOCAL RECORDS

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

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

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

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 08/15/2016
Date Data Arrived at EDR: 08/16/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 50

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 11/15/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Quarterly

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: 09/26/2016
Date Data Arrived at EDR: 09/27/2016
Date Made Active in Reports: 11/18/2016
Number of Days to Update: 52

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 09/27/2016
Next Scheduled EDR Contact: 01/09/2017
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

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 09/12/2016

Date Data Arrived at EDR: 09/14/2016

Date Made Active in Reports: 10/14/2016

Number of Days to Update: 30

Source: Department of Conservation

Telephone: 916-323-3836

Last EDR Contact: 09/14/2016

Next Scheduled EDR Contact: 12/26/2016

Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005

Date Data Arrived at EDR: 06/07/2005

Date Made Active in Reports: 06/29/2005

Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)

Telephone: 760-241-7365

Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011

Data Release Frequency: No Update Planned

LUST REG 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: Geotracker's Leaking Underground Fuel Tank Report

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: 09/12/2016

Date Data Arrived at EDR: 09/13/2016

Date Made Active in Reports: 10/14/2016

Number of Days to Update: 31

Source: State Water Resources Control Board

Telephone: see region list

Last EDR Contact: 11/01/2016

Next Scheduled EDR Contact: 12/26/2016

Data Release Frequency: Quarterly

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008

Date Data Arrived at EDR: 07/22/2008

Date Made Active in Reports: 07/31/2008

Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-464-4834

Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011

Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004

Date Data Arrived at EDR: 09/07/2004

Date Made Active in Reports: 10/12/2004

Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)

Telephone: 213-576-6710

Last EDR Contact: 09/06/2011

Next Scheduled EDR Contact: 12/19/2011

Data Release Frequency: No Update Planned

LUST REG 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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 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: Quarterly

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 9: Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

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

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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

SLIC: Statewide SLIC Cases

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: 09/12/2016
Date Data Arrived at EDR: 09/13/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 31

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 11/01/2016
Next Scheduled EDR Contact: 12/26/2016
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: Quarterly

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: Semi-Annually

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: Varies

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: Semi-Annually

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: Semi-Annually

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: Semi-Annually

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: Annually

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 09/14/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Semi-Annually

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/22/2016
Date Data Arrived at EDR: 09/27/2016
Date Made Active in Reports: 10/20/2016
Number of Days to Update: 23

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 08/25/2016
Date Data Arrived at EDR: 09/06/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 38

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Varies

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

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: 06/03/2016
Date Data Arrived at EDR: 07/26/2016
Date Made Active in Reports: 09/23/2016
Number of Days to Update: 59

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 10/26/2016
Next Scheduled EDR Contact: 02/06/2017
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: 11/21/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 09/10/2015
Date Data Arrived at EDR: 01/05/2016
Date Made Active in Reports: 02/12/2016
Number of Days to Update: 38

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 09/19/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: No Update Planned

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: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 37

Source: DTSC and SWRCB
Telephone: 916-323-3400
Last EDR Contact: 09/07/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Semi-Annually

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: 08/01/2016
Date Data Arrived at EDR: 08/02/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/01/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Quarterly

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: 06/02/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 37

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Annually

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: 08/01/2016
Date Data Arrived at EDR: 08/02/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/01/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 12/31/2014
Date Data Arrived at EDR: 10/14/2015
Date Made Active in Reports: 12/11/2015
Number of Days to Update: 58

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 10/12/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Annually

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/02/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 64

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 11/01/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Quarterly

MINES: Mines Site Location Listing

A listing of mine site locations from the Office of Mine Reclamation.

Date of Government Version: 09/12/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 30

Source: Department of Conservation
Telephone: 916-322-1080
Last EDR Contact: 09/14/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Varies

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: 09/06/2016
Date Data Arrived at EDR: 09/07/2016
Date Made Active in Reports: 10/14/2016
Number of Days to Update: 37

Source: Department of Pesticide Regulation
Telephone: 916-445-4038
Last EDR Contact: 09/07/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Quarterly

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: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BROWNFIELDS: Considered Brownfields Sites Listing

A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

Date of Government Version: 02/29/2016
Date Data Arrived at EDR: 03/07/2016
Date Made Active in Reports: 05/04/2016
Number of Days to Update: 58

Source: State Water Resources Control Board
Telephone: 916-323-7905
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
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 board's review found that more than one-third of the region's active disposal pits are operating without permission.

Date of Government Version: 04/15/2015
Date Data Arrived at EDR: 04/17/2015
Date Made Active in Reports: 06/23/2015
Number of Days to Update: 67

Source: RWQCB, Central Valley Region
Telephone: 559-445-5577
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Varies

ICE: ICE

Contains data pertaining to the Permitted Facilities with Inspections / Enforcements sites tracked in Envirostor.

Date of Government Version: 08/22/2016
Date Data Arrived at EDR: 08/23/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 43

Source: Department of Toxic Substances Control
Telephone: 877-786-9427
Last EDR Contact: 11/22/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Quarterly

TRIBAL RECORDS

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: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 10/13/2015
Date Data Arrived at EDR: 10/23/2015
Date Made Active in Reports: 02/18/2016
Number of Days to Update: 118

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/28/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 10/27/2015
Date Data Arrived at EDR: 10/29/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 67

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 10/28/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 12/11/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/19/2016	Telephone: 214-665-6597
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 105	Next Scheduled EDR Contact: 02/06/2017
	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: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-8677
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

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: 02/17/2016	Source: EPA, Region 5
Date Data Arrived at EDR: 04/27/2016	Telephone: 312-886-7439
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	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: 02/25/2016	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3372
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 10/09/2015	Source: EPA Region 7
Date Data Arrived at EDR: 02/12/2016	Telephone: 913-551-7003
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 112	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 10/20/2015	Source: EPA, Region 1
Date Data Arrived at EDR: 10/29/2015	Telephone: 617-918-1313
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 67	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 02/05/2016	Source: EPA Region 4
Date Data Arrived at EDR: 04/29/2016	Telephone: 404-562-9424
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 35	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

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: 11/05/2015	Source: EPA Region 5
Date Data Arrived at EDR: 11/13/2015	Telephone: 312-886-6136
Date Made Active in Reports: 01/04/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 52	Next Scheduled EDR Contact: 02/06/2017
	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: 12/03/2015	Source: EPA Region 6
Date Data Arrived at EDR: 02/04/2016	Telephone: 214-665-7591
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 120	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Semi-Annually

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: 09/23/2014	Source: EPA Region 7
Date Data Arrived at EDR: 11/25/2014	Telephone: 913-551-7003
Date Made Active in Reports: 01/29/2015	Last EDR Contact: 10/28/2016
Number of Days to Update: 65	Next Scheduled EDR Contact: 02/06/2017
	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: 01/26/2016	Source: EPA Region 8
Date Data Arrived at EDR: 02/05/2016	Telephone: 303-312-6137
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 119	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

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: 02/25/2016	Source: EPA Region 9
Date Data Arrived at EDR: 04/27/2016	Telephone: 415-972-3368
Date Made Active in Reports: 06/03/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 37	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 01/07/2016	Source: EPA Region 10
Date Data Arrived at EDR: 01/08/2016	Telephone: 206-553-2857
Date Made Active in Reports: 02/18/2016	Last EDR Contact: 10/28/2016
Number of Days to Update: 41	Next Scheduled EDR Contact: 02/06/2017
	Data Release Frequency: Quarterly

EDR PROPRIETARY RECORDS

EDR Hist Auto: EDR Exclusive Historic Gas 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

EDR Hist Cleaner: EDR Exclusive Historic Dry 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	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

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	Source: Department of Resources Recycling and Recovery
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 01/13/2014	Last EDR Contact: 06/01/2012
Number of Days to Update: 196	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	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/01/2013	Telephone: N/A
Date Made Active in Reports: 12/30/2013	Last EDR Contact: 06/01/2012
Number of Days to Update: 182	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COUNTY RECORDS

ALAMEDA COUNTY:

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 07/07/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 08/08/2016
Number of Days to Update: 27

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 10/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 08/04/2016
Date Data Arrived at EDR: 08/08/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 71

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 07/15/2016
Date Data Arrived at EDR: 07/19/2016
Date Made Active in Reports: 10/05/2016
Number of Days to Update: 78

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 10/18/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 01/01/2016
Date Data Arrived at EDR: 01/26/2016
Date Made Active in Reports: 03/22/2016
Number of Days to Update: 56

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 10/17/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Varies

City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

Date of Government Version: 03/30/2015
Date Data Arrived at EDR: 04/02/2015
Date Made Active in Reports: 04/13/2015
Number of Days to Update: 11

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 10/17/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 11/04/2015
Date Data Arrived at EDR: 11/13/2015
Date Made Active in Reports: 12/17/2015
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 10/24/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 06/23/2016
Date Data Arrived at EDR: 07/12/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 28

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 10/07/2016
Next Scheduled EDR Contact: 01/23/2017
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 04/07/2016
Date Data Arrived at EDR: 04/26/2016
Date Made Active in Reports: 06/01/2016
Number of Days to Update: 36

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 09/29/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/24/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 08/24/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: No Update Planned

ORANGE COUNTY:

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 08/03/2016
Date Data Arrived at EDR: 08/15/2016
Date Made Active in Reports: 10/07/2016
Number of Days to Update: 53

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 08/01/2016
Date Data Arrived at EDR: 08/09/2016
Date Made Active in Reports: 10/11/2016
Number of Days to Update: 63

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 11/08/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

RIVERSIDE COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 06/13/2016
Date Data Arrived at EDR: 07/18/2016
Date Made Active in Reports: 10/07/2016
Number of Days to Update: 81

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/19/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 07/13/2016
Date Data Arrived at EDR: 07/18/2016
Date Made Active in Reports: 08/08/2016
Number of Days to Update: 21

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 09/19/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

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: 05/02/2016
Date Data Arrived at EDR: 07/06/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 43

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 10/04/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2015
Date Data Arrived at EDR: 11/07/2015
Date Made Active in Reports: 01/04/2016
Number of Days to Update: 58

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 02/06/2017
Data Release Frequency: Varies

SAN FRANCISCO COUNTY:

Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 11/07/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 11/16/2016
Next Scheduled EDR Contact: 02/20/2017
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 09/21/2016
Date Data Arrived at EDR: 09/22/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 26

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 09/19/2016
Next Scheduled EDR Contact: 01/02/2017
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 57

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

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

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: 08/24/2016
Next Scheduled EDR Contact: 12/12/2016
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/09/2016
Date Data Arrived at EDR: 06/13/2016
Date Made Active in Reports: 08/09/2016
Number of Days to Update: 57

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 09/26/2016
Date Data Arrived at EDR: 09/29/2016
Date Made Active in Reports: 10/18/2016
Number of Days to Update: 19

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

SONOMA COUNTY:

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 07/01/2016
Date Data Arrived at EDR: 07/05/2016
Date Made Active in Reports: 08/18/2016
Number of Days to Update: 44

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 09/26/2016
Next Scheduled EDR Contact: 01/09/2017
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 06/02/2016
Date Data Arrived at EDR: 06/07/2016
Date Made Active in Reports: 06/23/2016
Number of Days to Update: 16

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 09/02/2016
Next Scheduled EDR Contact: 12/19/2016
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

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: 09/29/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Annually

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: 11/14/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: Quarterly

Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 08/29/2016
Date Data Arrived at EDR: 09/14/2016
Date Made Active in Reports: 10/11/2016
Number of Days to Update: 27

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 09/14/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 06/30/2016
Date Data Arrived at EDR: 08/24/2016
Date Made Active in Reports: 10/11/2016
Number of Days to Update: 48

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 11/14/2016
Next Scheduled EDR Contact: 01/16/2017
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

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: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/11/2016
Next Scheduled EDR Contact: 02/27/2017
Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 07/17/2015
Date Made Active in Reports: 08/12/2015
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/12/2016
Next Scheduled EDR Contact: 01/23/2017
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: 08/01/2016
Date Data Arrived at EDR: 08/03/2016
Date Made Active in Reports: 09/09/2016
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/02/2016
Next Scheduled EDR Contact: 02/13/2017
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 07/22/2016
Date Made Active in Reports: 11/22/2016
Number of Days to Update: 123

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/14/2016
Next Scheduled EDR Contact: 01/30/2017
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013
Date Data Arrived at EDR: 06/19/2015
Date Made Active in Reports: 07/15/2015
Number of Days to Update: 26

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/21/2016
Next Scheduled EDR Contact: 03/06/2017
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2015
Date Data Arrived at EDR: 04/14/2016
Date Made Active in Reports: 06/03/2016
Number of Days to Update: 50

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/12/2016
Next Scheduled EDR Contact: 12/26/2016
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Oil/Gas Pipelines

Source: PennWell Corporation

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 PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

Electric Power Transmission Line Data

Source: PennWell Corporation

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Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities

Source: Department of Social Services

Telephone: 916-657-4041

Flood Zone Data: This data was obtained from the Federal Emergency Management Agency (FEMA). It depicts 100-year and 500-year flood zones as defined by FEMA. It includes the National Flood Hazard Layer (NFHL) which incorporates Flood Insurance Rate Map (FIRM) data and Q3 data from FEMA in areas not covered by NFHL.

Source: FEMA

Telephone: 877-336-2627

Date of Government Version: 2003, 2015

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002, 2005 and 2010 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetland Inventory

Source: Department of Fish & Game

Telephone: 916-445-0411

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.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

STREET AND ADDRESS INFORMATION

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EDR DataMap® Area Study

SANBAG-Rancho to Lilac

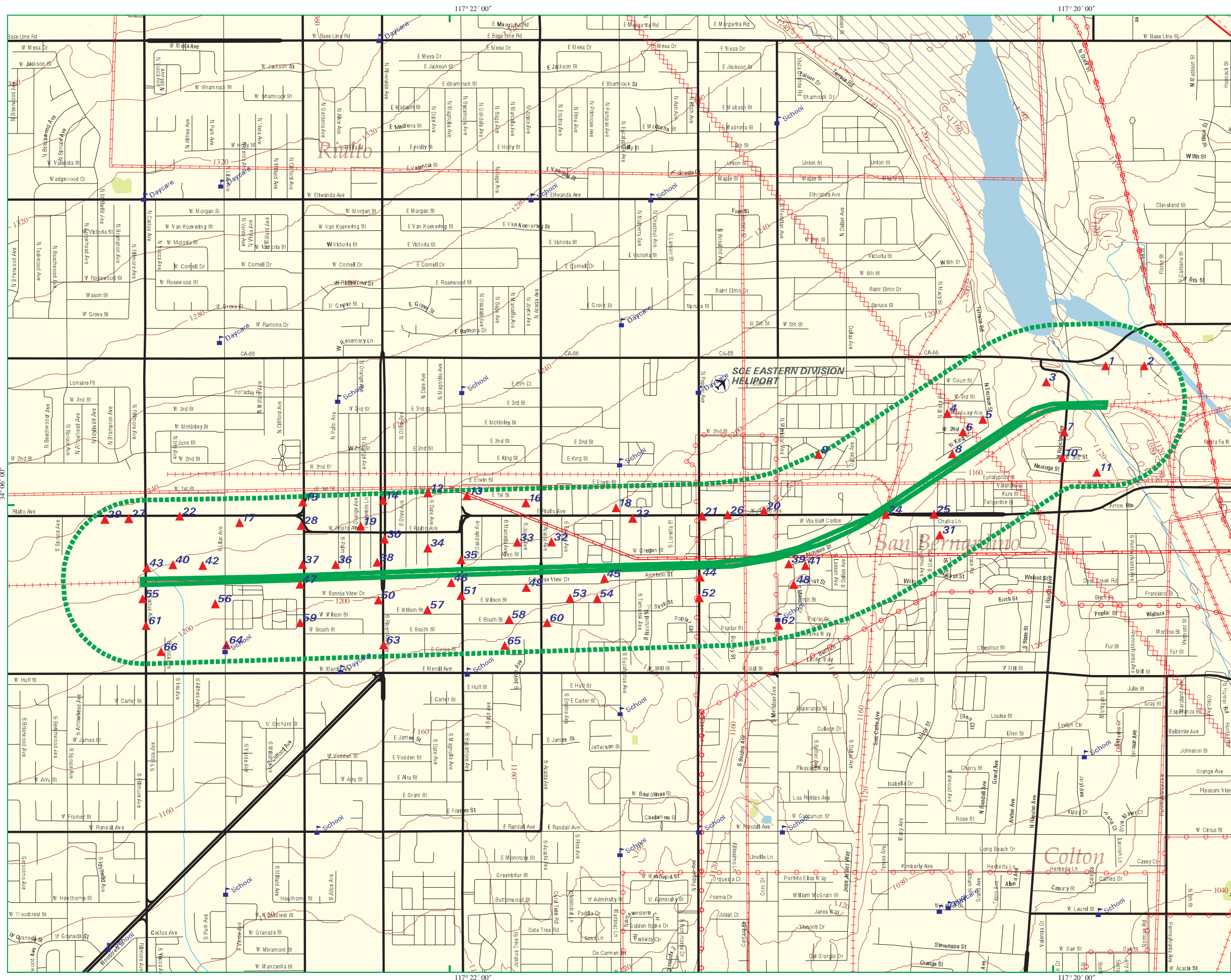
- ▲ Listed Sites
- Earthquake Epicenters (Richter 5 or greater)
- ▬ Search Boundary
- ▬ Roads
- ▬ Major Roads
- ▬ Waterways
- ▬ Railroads
- ▬ Contour Lines
- ▬ Pipelines
- ▬ Powerlines
- ▬ Fault Lines
- ▬ Water
- ▬ Superfund Sites
- ▬ Indian Reservations BIA
- ▬ 100-Yr Flood Zones
- ▬ National Wetland Inventory



Rialto, CA

0 1/4 1/2

Scale in Miles



Appendix I

San Bernardino County, Santa Ana
Region MS4 Permit Program Template
for Low Impact Development:
Guidance and Standards for
Transportation Projects

San Bernardino County
Santa Ana Region MS4 Permit Program
Template for
Low Impact Development:
Guidance and Standards for Transportation Projects

Lilac to Rancho Double Track Project

Control Point Lilac MP 52.4 to Control Point Rancho MP 55.1

Metrolink San Bernardino Line

Prepared for:

San Bernardino County Transportation Authority

1170 W. 3rd Street, 2nd Floor

San Bernardino, CA 92410-1715

(909) 884-8276

Prepared by:

CH2M

6 Hutton Centre Drive, Suite 700

Santa Ana, CA 92707

(714) 435-6074

San Bernardino County - Santa Ana Region MS4 Permit Program
Transportation Project BMP Template
Lilac to Rancho Double Track Project

Project Certification

This report has been completed in compliance with the *Low Impact Development: Guidance and Standards for Transportation Projects*, prepared to comply with the Santa Ana Region MS4 Permit requirements applicable to Transportation Projects. The signatory of this document attests to the technical information contained herein and the date upon which recommendations, conclusions, and decisions have been based. I find this report to be complete, current, and accurate:

Name: Victor Lopez, PE

Title: Project Manager, Transit & Rail Programs

Agency: San Bernardino County Transportation Authority

Date: April 9, 2018

Section 1: Introduction

Overview

The federal Clean Water Act (CWA) establishes requirements for the discharge of urban runoff from Municipal Separate Storm Sewer Systems (MS4) under the National Pollutant Discharge Elimination System (NPDES) program. On January 29, 2010, the Santa Ana Regional Water Quality Control Board (RWQCB) issued Permit Order No. R8-2010-0036 (“MS4 Permit”) to authorize the discharge of urban runoff from MS4 facilities in San Bernardino County within the Santa Ana Region MS4 Permit area.

The MS4 Permit requires development of a standard design and post-development Best Management Practices (BMP) guidance to guide application of Low Impact Development (LID) BMPs to the maximum extent practicable (MEP) on streets, roads, highways or freeways under the jurisdiction of the Permittees used for transportation of automobiles, trucks, motorcycles, and other vehicles. To provide consistency within the Santa Ana River Watershed, this Guidance attempts to mirror much of the *Low Impact Development: Guidance and Standards for Transportation Projects* documents previously prepared by Riverside County’s stormwater program and approved by the RWQCB. This Transportation Guidance provides direction to Transportation Project owners and operators regarding how to address MS4 Permit requirements for public works Transportation Projects within the MS4 Permit jurisdiction. The LID-based BMP techniques contained within this document are based on information provided by a variety of sources, including the following:

- *Design Handbook for Low Impact Development Best Management Practices* prepared by the Riverside County Flood Control and Water Conservation District,
- USEPA’s Municipal Handbook, *Managing Wet Weather with Green Infrastructure: Green Streets*, and the
- *Low Impact Development Manual for Southern California* prepared for the Southern California Stormwater Monitoring Coalition, in cooperation with the State Water Resources Control Board, by the Low Impact Development Center.

These Guidance documents also provide links and references to other sources of information regarding the application of LID-based BMPs to Transportation Projects (Section 6). This referenced material should be used by the project owner/operator as appropriate to support the use of this template during the project design phase.

This template was prepared as a tool for project proponents to (1) determine the applicability of the Guidance to a proposed Transportation Project; (2) provide a process for evaluating the feasibility of using LID-based techniques in the proposed project; and (3) establish a template for documenting the project evaluation process and the decisions made regarding the feasibility to incorporate LID-based BMPs into the project design.

Guidance Applicability

The Transportation Project BMP Template provides a framework for the documentation of the feasibility and scope of both LID and treatment BMP implementation. Table 1.1 summarizes the applicability of the Guidance to Transportation Projects. If the Guidance applies to the proposed project, this Template should be used to evaluate the feasibility of incorporating LID-based BMPs into the project design. Figure 1-1 illustrates the process for completing the template. Data gathered during completion of the feasibility analysis (Sections 5 and 6) are entered into Table 7.1. Appendix A-1 is used only for those BMPs designated as feasible in Table 7.1. Full documentation of infeasibility and BMP sizing is required for submittal and approval by the approving jurisdiction.

Table 1.1. Transportation Project Guidance Applicability

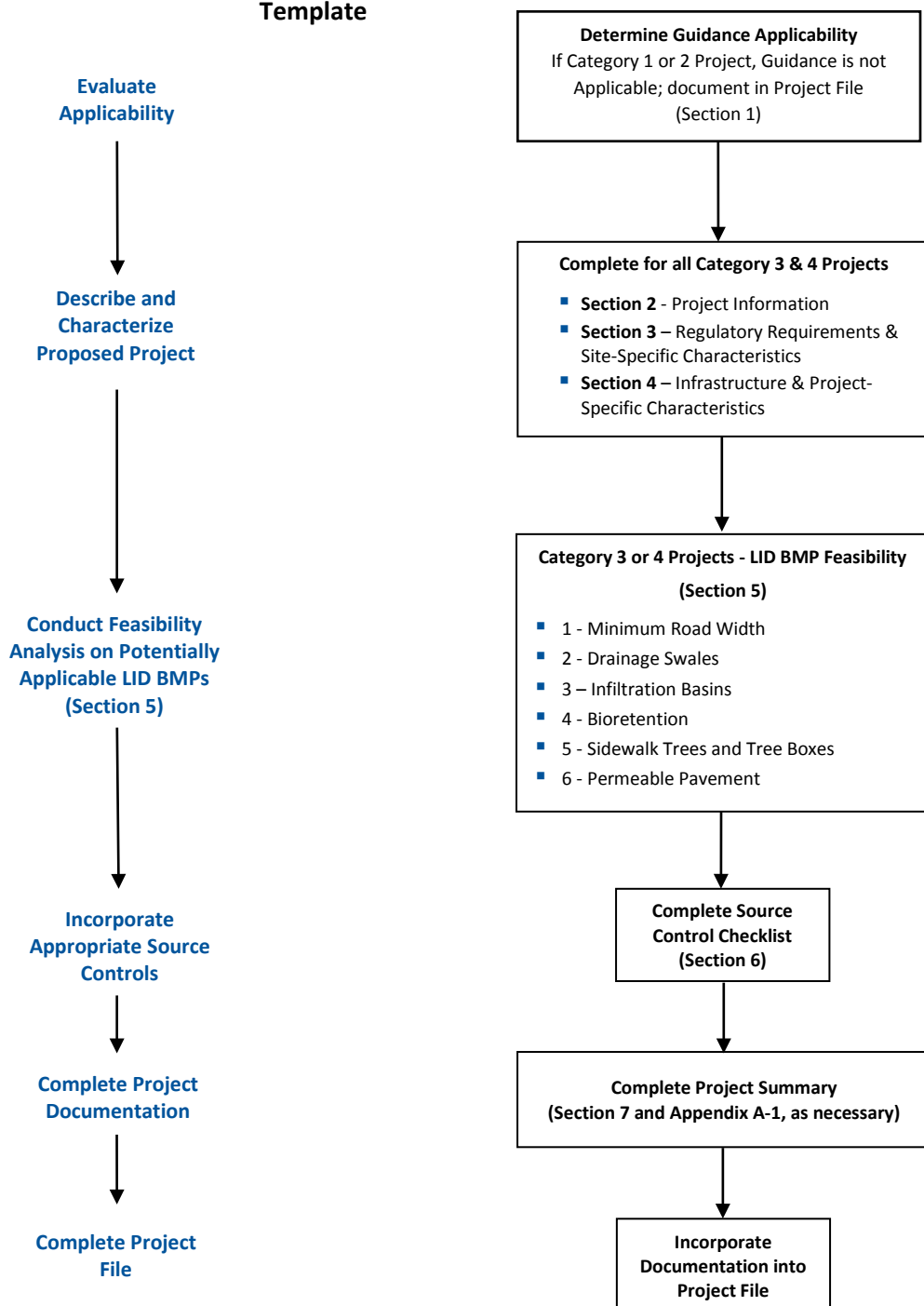
The Transportation Project Guidance applies to the following projects:

- Public Transportation Projects in the area covered by the Santa Ana Region MS4 Permit, which involve the construction of new transportation surfaces or the improvement of existing transportation surfaces.

The Transportation Project Guidance does not apply to the following projects that are either exempt or covered by other MS4 Permit requirements:

- Transportation Projects that have received CEQA approval by the effective date of this Guidance
- Emergency Projects, as defined by this Guidance (see Section 2 of the Guidance)
- Maintenance Projects, as defined by this Guidance (see Section 2 of the Guidance)
- Dirt or gravel roads
- Transportation Projects that are part of a private new development or significant redevelopment project and required to prepare a Water Quality Management Plan (WQMP)
- Transportation Projects subject to other MS4 Permit requirements, e.g., California Transportation Department (Caltrans) oversight projects, cooperative projects with an adjoining County or an agency outside the jurisdiction covered by the Santa Ana Region MS4 Permit

Figure 1-1. Process to Complete Transportation Project BMP Template



Section 2: Project Information

The purpose of this section is to provide general project information and a description of the proposed project. The description should have sufficient detail to identify the project location, project boundaries and size, and, if classified as a Category 3 Project, the basis for the subcategorization (Capacity vs. Non-Capacity Roadway Improvement Project).

Table 2.1 - Project Characteristics					
Project Name		Lilac to Rancho Double Track Project			
Project Owner/Operator (Agency)		San Bernardino County Transportation Authority			
Project Contact Name:		Justin Fornelli			
Mailing Address:	1170 W. 3 rd Street, 2 nd Floor San Bernardino, CA 92410-1715	E-mail Address:	jfornelli@gosbcta.com	Telephone:	(909) 884-8276
Project Category		Check the box for the applicable Project Category (<i>See Table 2-1 in Guidance</i>) <input checked="" type="checkbox"/> Category 3 – Existing Transportation Project <input type="checkbox"/> Category 4 – New Transportation Project			
Check the appropriate boxes below, based on the Project Category checked above					
Category 3	<input checked="" type="checkbox"/> Roadway Capacity Improvement Project	<input type="checkbox"/> Lane additions <input type="checkbox"/> Bridge project <input type="checkbox"/> Grade separation project <input checked="" type="checkbox"/> Other project type			
	<input type="checkbox"/> Non-Capacity Roadway Improvement Project	<input type="checkbox"/> Shoulder improvements <input type="checkbox"/> Parking lane improvements <input type="checkbox"/> Turn pocket addition <input type="checkbox"/> Signal project that adds a turn lane <input type="checkbox"/> Horizontal alignment correction (improve sight distance) <input type="checkbox"/> Grade separation project <input type="checkbox"/> Passing lane addition <input type="checkbox"/> Turn out addition <input type="checkbox"/> Other project type			
Category 4	<input type="checkbox"/> New road project <input type="checkbox"/> New bridge project				
Project Schedule: Final design is scheduled for completion in 2019. Construction is anticipated to start at the end of 2019, with a construction end date of 2021.					

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Table 2.2 - Project Description

General Project Description:

The San Bernardino County Transportation Authority (SBCTA) and the Los Angeles County Metropolitan Transportation Authority (Metro) completed the Metrolink San Bernardino Line (SBL) Infrastructure Improvement Strategic Study in September 2014. The SBL, also known as the San Gabriel Subdivision, is a 55-mile rail corridor operated by Metrolink for the Southern California Regional Rail Authority (SCRRA) to provide commuter rail service between Los Angeles Union Station (LAUS) and the San Bernardino Station. The BNSF Railway and the UPRR also use this critical rail line as shared corridor, which is also the busiest commuter rail line in Southern California, and have several industrial tracks to provide freight service for the region.

The purpose of the SBL Study was to identify cost effective infrastructure improvements to provide increased average train speed, reduced travel times, and enhanced overall capacity of the Metrolink SBL. The Study recommended the construction of a second mainline track within two out of the five existing single track corridors on the SBL: The LA Metro Lone Hill to CP White Double Track Project and the SBCTA CP Lilac to CP Rancho Double Track Project (Proposed Project). These projects are critical to regional mobility because they would enhance rail operations on the busiest commuter rail line in Southern California.

SBCTA, as the owner of the rail corridor within San Bernardino County and the lead agency, is proposing to complete the Preliminary Engineering and Environmental Clearance of approximately three (3) miles of a second main line track between Control Point (CP) Lilac Milepost (MP) 52.4 to approximately CP Rancho, near MP 55.1 on the SBL. The Double Track Project would consist of the following features and evaluations relevant to the WQMP:

- The addition of a second passenger platform on the south side of the existing Metrolink Rialto Station with architectural and other station facility required improvements.
- The extension of the existing passenger platform at the Metrolink Rialto Station.
- Pedestrian access to the new south side platform:
 - Option 1 – Pedestrian Overpass
 - Option 2 – Pedestrian Underpass
 - Option 3 – At-Grade Pedestrian Crossing
- The addition of a second track through eight (8) at-grade crossings starting at Lilac Avenue in the City of Rialto on the west end of the Proposed Project and ending east of Rialto Avenue in the City of San Bernardino on the east end of the Proposed Project. Five of the at-grade railroad crossings are within the City of Rialto and two are in the City of San Bernardino and one crossing (Eucalyptus Avenue) is in both cities as the southbound lane is in the City of Rialto and the northbound lane is in the City of San Bernardino.

The Proposed Project, including all features and permanent footprint modifications would be implemented within the existing railroad right-of-way. No property (public or private) acquisitions would be required. Limited construction related impacts would be required at the existing at-grade roadway crossings, including roadway profile modifications, revised/relocated drainage feature inlets, median modifications, and other effects. However, all of these construction related impacts would be temporary in nature and would not introduce permanent effects.

The only impervious area added by the project is limited to the Rialto Station, with 0.45 acres of new impervious area comprised of the extension of the north platform and addition of a new passenger platform on the south side. No other net additional impervious area is proposed, and all road crossings are replacement/rehabilitation of impervious surfaces within the existing sidewalk/curb/pavement limits.

As such, the Transportation Project BMP Guidance requirements apply only to the Rialto Station. The road crossings and other project areas are exempt from the LID and Source Control BMP implementation requirements because these areas do not generate new impervious surfaces. The project information presented in the WQMP is therefore limited to the Rialto Station area between Willow Avenue and Riverside Avenue.

Project Area (ft ²):	79,715	Project Length (ft):	1,240	Coordinates of the approximate center of the project:	Latitude: 34°5'48.25" Longitude: 117°22'21.62"
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For Category 3 & 4 projects, complete the information below.

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Table 2.2 - Project Description

Describe how the existing surface footprint will be modified, if applicable	<p>This project will include improvements to the Rialto Station, and the addition of a second main line track through eight (8) at-grade crossings between CP Lilac to approximately CP Rancho on the SBL. The second track extends 2.7 miles, with approximately half of the track located within the City of Rialto and half located within the City of San Bernardino. The only impervious area added by the project is limited to the Rialto Station, with 0.45 acres of new impervious area comprised of the extension of the north platform and addition of a new passenger platform on the south side. No other net additional impervious area is proposed, and all road crossings are replacement/rehabilitation of impervious surfaces within the existing sidewalk/curb/pavement limits.</p> <p>The Transportation Project BMP Guidance requirements apply only to the Rialto Station. The road crossings are exempt from the LID and Source Control BMP implementation requirements because the project is not generating any new impervious areas, only replacing in kind.</p>
Describe how the capacity of the existing transportation surface (if any) will be improved	<p>The project will provide increased average train speed, reduced travel times, and enhanced overall capacity of the Metrolink SBL. The project is critical to regional mobility because it would enhance rail operations on the busiest commuter rail line in Southern California.</p>

Section 3: Regulatory Requirements & Site-Specific Characteristics

Describe the regulatory requirements and site-specific characteristics associated with the project site that can influence the selection of LID-based BMPs. Attach supporting information, as needed.

Table 3.1 – Regulatory Requirements & Site-Specific Characteristics	
Regulatory Requirements	
Consult Local Implementation Plan(s) to document pollutants of concern based on impaired waters listings or TMDL implementation requirements. Go to: http://permitrack.sbcounty.gov/wap/	None
Document any known CEQA conditions, Multi-Species Habitat Conservation Plan, California Fish & Game Code Section 1600, CWA Section 401, or CWA Section 404 requirements. Go to: http://permitrack.sbcounty.gov/wap/	None
Site-Specific Characteristics	
Drainage Area (ft ²)	79,715
Existing Site Impervious Area (ft ²)	0
Expected Post-Project Impervious Area (ft ²)	19,602
Hydrologic Soil Group* Describe hydrologic soil group and associated infiltration characteristics, if known Go to: http://permitrack.sbcounty.gov/wap/	The Rialto station project area is classified as Hydrologic Soil Groups (HSG) Types A and B.
Expected Infiltration Characteristics Describe known infiltration characteristics based on soil group or soil test data (attach if such data are available)	HSG Types A and B are well-draining soils that are appropriate for infiltration. However, the project area is located beneath a contaminated groundwater plume, which makes it infeasible for infiltration (http://permitrack.sbcounty.gov/wap/).
Natural Sediment Load Characteristics Describe local sediment characteristics that could impact selection or functionality of BMPs	The geologic characteristics at the Rialto Station are slightly consolidated to moderately consolidated, fine to medium sand, slightly gravelly sand, sandy pebble gravel, and gravelly sand. In general, soils are granular and free draining and should not impact the selection or functionality of BMPs.
Depth to Groundwater Determine depth to groundwater, if known (provide source of information)Go to: http://permitrack.sbcounty.gov/wap/	298 ft (http://permitrack.sbcounty.gov/wap/)

* See soils section of the Flood Control District's Hydrology Manual
<http://www.sbcounty.gov/dpw/floodcontrol/pdf/HydrologyManual.pdf>

Section 4: Infrastructure & Project-Specific Characteristics

Describe the existing infrastructure and project-specific characteristics associated with the project site that can influence the selection of LID-based BMPs. Attach supporting information, as needed; insert N/A for any element that is not applicable to the proposed project.

Table 4.1 - Infrastructure & Project-Specific Characteristics	
Programmatic & Funding Restrictions	
Project Funding <i>Provide information regarding project funding</i>	Project Budget: Approximately \$75,000,000 to \$85,000,000
	Funding Source: The project is using State PTMISEA funds for the design and State STA funds for the environmental, project management, and Metrolink coordination efforts. Federal and state grants are being pursued for final design and construction.
	Are there any limitations or restrictions on the use of dedicated funds: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes; if this box checked, explain limitations
Programmatic Constraints <i>Identify any programmatic or regulatory constraints, e.g., Americans with Disabilities Act; need for emergency access, etc.</i>	Does the project require compliance with other programmatic, regulatory, or code requirements that may affect application of BMPs? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes; if this box checked, explain limitations
Impaired Waters & TMDL Requirements	
Regulatory Constraints <i>Describe applicable BMP specific requirements to address impaired water related concerns</i>	Identify the MS4 Local Implementation Plan(s) consulted: Not applicable Does the applicable LIP(s) identify any BMP requirements that need to be implemented in the project area: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes; describe the BMP requirements and how they have been addressed in the project design:
Right-of-Way (ROW)	
ROW Constraints <i>Describe potential ROW constraints to BMP implementation</i>	The Proposed Project, including all features and permanent footprint modifications would be implemented within the existing railroad right-of-way. No property (public or private) acquisitions would be required.

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Table 4.1 - Infrastructure & Project-Specific Characteristics

Drainage Connectivity	
Connectivity Constraints <i>Based on drainage features of the project site, describe potential constraints to BMP implementation</i>	There are no drainage connectivity constraints.
Utilities	
Utility Constraints <i>Identify any utility-related constraints</i>	Does the project have any utility constraints that that may affect application of BMPs? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes; if this box checked, explain constraints
Resource Availability	
Irrigation Water <i>Describe availability of irrigation water to support BMPs that require establishment of landscaping</i>	Temporary irrigation will be provided for the biofiltration swale for establishment of native vegetation.
Power <i>Describe availability of power to support use of an irrigation system</i>	There is existing power at Rialto Station to support the use of a temporary irrigation system.
Estimated Road Use	
Vehicle Load <i>Describe the expected vehicle loads, e.g., H-20 truck loads, that will use the transportation surface after project completion</i>	Not applicable
Maximum Allowable Speed (MAS) <i>Describe expected speed of vehicles on completed transportation surface; if variable, provide the MAS for different project elements</i>	Not applicable
Roadside Parking Requirements <i>Describe any minimum requirements associated with design of roadside parking areas</i>	Not applicable
Capacity Design (Average Daily Traffic, ADT). Is the ADT ≥ 25,000?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Not applicable <input type="checkbox"/> No

Section 5: BMP Feasibility Analysis

Section 5.1 - Overview

Projects categorized as a Category 3 or Category 4 shall incorporate the following site design BMP principles to the maximum extent feasible:

Conservation of natural areas to the extent feasible

Minimization of the impervious footprint

Minimization of disturbances to natural drainage

Design and construction of pervious areas to receive runoff from impervious areas

Use of landscaping that minimizes irrigation and runoff, promotes surface infiltration, and minimizes the use of pesticides and fertilizers

The extent to which these design principles may be incorporated into a project through the use of BMP techniques depends on the project type and the project-specific feasibility analysis. This section provides a stepwise approach for evaluating the feasibility to incorporate LID-based BMPs into a proposed project. Table 5.1 identifies the BMPs required for evaluation in relation to the project category or type. Based on the box checked the project reviewer is directed to the appropriate table for subsequent analyses. Table 5.2 provides sources for BMP planning and design information that may be considered for use in Transportation Projects. Table 5.3 provides a checklist for LID BMP feasibility analysis for Category 3 or 4 projects.

Section 5.2 – BMP References

To support completion of the feasibility analyses for each LID-based BMP in Table 5.3, Table 5.2 provides sources for BMP design information that may be considered for use in Transportation Projects. These information sources are intended to guide decision-making with regards to making feasibility determinations about the efficacy of incorporating LID-based BMPs in the project design. Additional general information regarding the use of LID-based BMPs in Transportation Projects may be found in Section 6.C of the Guidance.

The resource information provided in Table 5.2 does not represent an exhaustive list of source material regarding LID-based BMPs; in fact, new information regarding how to design LID-based BMPs is regularly published. In addition, this information is not to be used as a substitute for development of engineering designs appropriate to the project site.

Table 5.1 - LID BMP Evaluation Requirements
These LID BMPs must be included in the feasibility analysis
<ul style="list-style-type: none">1 - Minimum Road Width2 - Drainage Swales3 – Infiltration Basins4 - Bioretention5 - Sidewalk Trees and Tree Boxes6 - Permeable Pavement

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Table 5.2 – BMP Design Information

LID-based BMP Information Source	Minimum Street Width ³	Drainage Swales	Infiltration Basins	Bioretention	Sidewalk Trees & Tree Boxes	Permeable Pavement
<i>Riverside County Flood Control and Water Conservation District Design Handbook for Low Impact Development Management Practices</i> http://rcflood.org/NPDES/LIDBMP.aspx	--	--	Section 3.1	Section 3.5	Section 3.5, p. 5 ¹	Section 3.3
<i>Low Impact Development Manual for Southern California: Technical Guidance and Site Planning Strategies</i> http://www.casqa.org/LID/SoCalLID/tabid/218/Default.aspx	--	pp. 137-138	--	pp. 68-84	p. 71 ¹	pp. 83-113
<i>U. S. EPA Municipal Handbook: Green Streets, Managing Wet Weather with Green Infrastructure</i> ² http://water.epa.gov/infrastructure/greeninfrastructure/upload/gi_munichandbook_green_streets.pdf	pp. 2-4 ³	--	--	--	--	--
<i>County of San Diego, Low Impact Development Handbook: Stormwater Management Strategies</i> http://www.sdcountry.ca.gov/dplu/docs/LID-Handbook.pdf (General Information) http://www.sdcountry.ca.gov/dplu/docs/LID-Appendices.pdf (Fact Sheets)	Fact Sheet 14, 15 ³	--	--	Fact Sheets 15, 19	--	pp. 46-51, Fact Sheets 8, 9, 10
<i>County of Los Angeles Low Impact Development Standards Manual. January 2009.</i> http://dpw.lacounty.gov/wmd/LA_County_LID_Manual.pdf	--	--	--	--	pp. 49-52 ¹	pp. 53-57
<i>City of Santa Barbara Storm Water BMP Guidance Manual</i> http://www.santabarbaraca.gov/Resident/Community/Creeks/Storm_Water_Management_Program.htm	--	Section 6.6.2	--	Section 6.6.1	Section 6.9.2 ¹	Section 6.8
<i>Caltrans Treatment Control BMP Technology Report</i> http://www.dot.ca.gov/hq/env/stormwater/annual_report/2008/annual_report_06-07/attachments/Treatment_BMP_Technology_Rprt.pdf	--	p. D-5	--	pp. B-11 – B-12	pp. B-7 – B-10	--
<i>Evaluation of Best Management Practices for Highway Runoff Control: Low Impact Development Design Manual for Highway Runoff Control</i> http://www.coralreef.gov/transportation/evalbmp.pdf	--	Section 14	--	Section 5	--	Section 10

¹ Information focuses on design of planter boxes

² Handbook provides information on all LID types except Infiltration Basins, but information is general in nature

³ Shall follow approving agency's street width standards.

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Table 5.3 – LID BMP Feasibility Analysis
Category 1 – Minimum Road Widths

1.a - Does the project need to meet jurisdictional code or General Plan requirements for minimum road widths?	<input checked="" type="checkbox"/> No <input type="checkbox"/> Yes; if checked, describe requirements
1.b – Based on the findings of 1.a., determine if this BMP can be applied to the project. If applicable, describe how it was incorporated into the project design.	<input type="checkbox"/> Applicable, describe design features incorporating this BMP; include in Table 7.1 <input checked="" type="checkbox"/> Not Applicable, describe basis for decision (e.g., project requirements, traffic or pedestrian safety concerns) No new roads.

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Table 5.3 – LID BMP Feasibility Analysis
Category 2 – Drainage Swales

2.a – Are there any programmatic constraints that prevent the use of this BMP, <i>e.g., Americans with Disabilities Act; need for emergency access, funding restrictions, etc.</i> ? See Section 3.b of the Guidance.	<input type="checkbox"/> Yes; if checked, provide basis for finding and STOP; this BMP is infeasible <input checked="" type="checkbox"/> No; BMP is potentially feasible, continue to 2.b
2.b - Considering grade and need for drainage connectivity, is there sufficient ROW for proper swale installation?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No; if checked, provide basis for finding
2.c - Can drainage swales be sized large enough to capture site run-on and redirect it into the drainage system?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No; if checked, provide basis for finding
2.d - Are existing soil characteristics sufficient to support infiltration such that nuisance or vector conditions are not created by any ponded water that may occur?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No; if checked, provide basis for finding
<ul style="list-style-type: none"> • If “No” is checked for 2.b, 2.c, <u>or</u> 2.d, then STOP - this BMP is infeasible; attach appropriate documentation support as needed • If “Yes” is checked for 2.b, 2.c, <u>and</u> 2.d, then this BMP is potentially feasible, continue on to 2.e and 2.f 	
2.e - Are irrigation water and power available to support vegetation in swale during dry periods?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No; if checked, provide basis for finding
2.f - If irrigation water and power are not available, can the site support native vegetation that does not require irrigation?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No; if checked, provide basis for finding Temporary irrigation will be provided for the biofiltration swale for establishment of native vegetation.
<ul style="list-style-type: none"> • If “No” is checked for 2.e <u>and</u> 2.f, this BMP is infeasible • If “Yes” is checked for 2.e <u>or</u> 2.f, then this BMP is potentially feasible; continue to 2.g 	

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**Table 5.3 – LID BMP Feasibility Analysis
 Category 2 – Drainage Swales (continued)**

2.g – Are there any special maintenance, equipment, or experience requirements associated with the implementation of this BMP?	<input type="checkbox"/> Yes; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP <input checked="" type="checkbox"/> No
2.h – If this BMP is implemented, will there be any one-time capital costs incurred, e.g., for new equipment required to maintain the BMP, that impacts project funding?	<input type="checkbox"/> Yes; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP <input checked="" type="checkbox"/> No
2.i – Is there long-term funding available to maintain this BMP?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
<ul style="list-style-type: none"> • If any of the findings from 2.g, 2.h <u>or</u> 2.i prevent the use of this BMP, then this BMP is infeasible; attach appropriate documentation as needed • If the findings from 2.g., 2.h, <u>and</u> 2.i do not prevent implementation of this BMP, then the BMP is feasible; incorporate into Table 7.1 	

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**Table 5.3 – LID BMP Feasibility Analysis
Category 3 – Infiltration Basins**

<p>3.a – Are there any programmatic constraints that prevent the use of this BMP, <i>e.g., Americans with Disabilities Act; need for emergency access, funding restrictions, etc.</i>? See Section 3.b of the Guidance.</p>	<p><input type="checkbox"/> Yes; if checked, provide basis for finding and STOP; this BMP is infeasible</p> <p><input checked="" type="checkbox"/> No; BMP is potentially feasible, continue to 3.b</p>
<p>3.b - Do appropriate soil conditions exist at the project site to allow effective infiltration consistent with a drawdown period, not to exceed 72 hours?</p>	<p><input checked="" type="checkbox"/> Yes</p> <p><input type="checkbox"/> No; if checked, provide basis for finding</p>
<p>3.c - Is there at least 10 feet separation between the planned basin invert and the measured groundwater elevation?</p>	<p><input checked="" type="checkbox"/> Yes</p> <p><input type="checkbox"/> No; if checked, provide basis for finding</p>
<p>3.d- Is there at least 100 feet separation from the proposed basin(s) and any known water supply wells?</p>	<p><input checked="" type="checkbox"/> Yes</p> <p><input type="checkbox"/> No; if checked, provide basis for finding</p>
<p>3.e - Is the underlying soil and/or groundwater free from any known contamination?</p>	<p><input type="checkbox"/> Yes</p> <p><input checked="" type="checkbox"/> No; if checked, provide basis for finding</p> <p>Plume located beneath the project site (http://permittrack.sbcounty.gov/wap/).</p>
<p>3.f - Is there sufficient space to size or place an infiltration basin that:</p> <ul style="list-style-type: none"> • Has slopes that are no steeper than 4:1, <u>and</u> • Is located at least 100 feet from bridge structures? 	<p><input type="checkbox"/> Yes</p> <p><input checked="" type="checkbox"/> No; if checked, provide basis for finding</p> <p>No space for infiltration basin within project area.</p>
<p>3.g - For a project area that has high vehicular traffic (25,000 or more average daily traffic), can the planned infiltration basin meet the MS4 Permit's pretreatment of runoff requirements?</p>	<p><input type="checkbox"/> Yes</p> <p><input checked="" type="checkbox"/> No; if checked, provide basis for finding</p> <p>No space for pretreatment or infiltration basin within project area.</p>

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**Table 5.3 – LID BMP Feasibility Analysis
 Category 3 – Infiltration Basins (continued)**

3.h - Can an infiltration basin be incorporated into the site plan in a manner that does not create traffic or pedestrian safety concerns?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No; if checked, provide basis for finding No space for infiltration basin within project area.
3.i - Does inclusion of an infiltration basin detract from the aesthetics of the roadway or project area that cannot be mitigated?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No; if checked, provide basis for finding No space for infiltration basin within project area.
<ul style="list-style-type: none"> • If "No" is checked for any of the above questions (3.b – 3.i), this BMP is infeasible • If "Yes" is checked for all of the above (3.b - 3.i), then this BMP is potentially feasible; continue to 3.j 	
3.j – Are there any special maintenance, equipment, or experience requirements associated with the implementation of this BMP?	<input type="checkbox"/> Yes; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP <input type="checkbox"/> No
3.k – If this BMP is implemented, will there be any one-time capital costs incurred, e.g., for new equipment required to maintain the BMP, that impacts project funding?	<input type="checkbox"/> Yes; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP <input type="checkbox"/> No
3.l – Is there long-term funding available to maintain this BMP?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<ul style="list-style-type: none"> • If any of the findings from 3.j, 3.k <u>or</u> 3.l prevent the use of this BMP, then this BMP is infeasible; attach appropriate documentation as needed • If the findings from 3.j., 3.k, <u>and</u> 3.l do not prevent implementation of this BMP, then the BMP is feasible; incorporate into Table 7.1 	

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**Table 5.3 – LID BMP Feasibility Analysis
 Category 4 – Bioretention**

4.a – Are there any programmatic constraints that prevent the use of this BMP, <i>e.g., Americans with Disabilities Act; need for emergency access, funding restrictions, etc.</i> ? See Section 3.b of the Guidance.	<input type="checkbox"/> Yes; if checked, provide basis for finding and STOP; this BMP is infeasible <input checked="" type="checkbox"/> No; BMP is potentially feasible, continue to 4.b
4.b - Is there sufficient ROW to consider curb extensions?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No; if checked, provide basis for finding No new impervious areas on roadway surfaces.
4.c - Is there sufficient ROW to consider sidewalk planters?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No; if checked, provide basis for finding No new impervious areas on roadway surfaces.
4.d – Is there sufficient space to consider using the road median for bioretention?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No; if checked, provide basis for finding No new impervious areas on roadway surfaces.
<ul style="list-style-type: none"> • If “No” is checked for 4.b, 4.c <u>and</u> 4.d, then STOP - this BMP is infeasible; attach appropriate documentation support as needed • If “Yes” is checked for 4.b, 4.c <u>or</u> 4.d, then this BMP is potentially feasible, continue on to 4.e 	
4.e – Can the site be designed so that median, curb extensions or sidewalk planters tie into the existing drainage at the project site?	<input type="checkbox"/> Yes <input type="checkbox"/> No; if checked, provide basis for finding
<ul style="list-style-type: none"> • If “No” is checked for 4.e, then STOP - this BMP is infeasible; attach appropriate documentation support as needed • If “Yes” is checked for 4.e, then this BMP is potentially feasible, continue on to 4.f and 4.g 	

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**Table 5.3 – LID BMP Feasibility Analysis
Category 4 – Bioretention (continued)**

4.f - Are irrigation water and power available to support bioretention area or sidewalk planters?	<input type="checkbox"/> Yes <input type="checkbox"/> No; if checked, provide basis for finding
4.g - If irrigation water and power are not available, can the site support native vegetation that does not require irrigation?	<input type="checkbox"/> Yes <input type="checkbox"/> No; if checked, provide basis for finding
<ul style="list-style-type: none"> • If "No" is checked for 4.f <u>and</u> 4.g, then STOP - this BMP is infeasible • If "Yes" is checked for 4.f <u>or</u> 4.g, then this BMP is potentially feasible; continue on to 4.h 	
4.h – Based on anticipated traffic capacity and MAS applicable to the project site, are there any traffic or pedestrian safety concerns that prevent application of this BMP?	<input type="checkbox"/> Yes; if checked, provide basis for finding <input type="checkbox"/> No
<ul style="list-style-type: none"> • If "Yes" is checked for 4.h this BMP is infeasible • If "No" is checked for 4.h, then this BMP is potentially feasible; continue to 4.i. 	
4.i – Are there any special maintenance, equipment, or experience requirements associated with the implementation of this BMP?	<input type="checkbox"/> Yes; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP <input type="checkbox"/> No
4.j – If this BMP is implemented, will there be any one-time capital costs incurred, e.g., for new equipment required to maintain the BMP, that impacts project funding?	<input type="checkbox"/> Yes; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP <input type="checkbox"/> No
4.j – Is there long-term funding available to maintain this BMP?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<ul style="list-style-type: none"> • If any of the findings from 4.i, 4.j <u>or</u> 4.k prevent the use of this BMP, then this BMP is infeasible; attach appropriate documentation as needed • If the findings from 4.i, 4.j, <u>and</u> 4.k do not prevent implementation of this BMP, then the BMP is feasible; incorporate into Table 7.1 	

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**Table 5.3 – LID BMP Feasibility Analysis
Category 5 – Sidewalk Trees and Tree Boxes**

<p>5.a – Are there any or programmatic constraints that prevent the use of this BMP, e.g., <i>Americans with Disabilities Act</i>; need for emergency access, funding restrictions, etc.? See Section 3.b of the Guidance.</p>	<p><input type="checkbox"/> Yes; if checked, provide basis for finding and STOP; this BMP is infeasible</p> <p><input checked="" type="checkbox"/> No; BMP is potentially feasible, continue to 5.b</p>
<p>5.b - Is there sufficient ROW to incorporate sidewalk trees or tree boxes into the project site?</p>	<p><input type="checkbox"/> Yes</p> <p><input checked="" type="checkbox"/> No; if checked, provide basis for finding No new impervious areas on roadway surfaces.</p>
<ul style="list-style-type: none"> • If “No” is checked for 5.b, then STOP - this BMP is infeasible; attach appropriate documentation support as needed • If “Yes” is checked for 5.b, then this BMP is potentially feasible, continue on to 5.c and 5.d 	
<p>5.c - Are irrigation water and power available to support vegetation in the bioretention area or sidewalk planters?</p>	<p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No; if checked, provide basis for finding</p>
<p>5.d - If irrigation water and power are not available, can the site support native vegetation that does not require irrigation?</p>	<p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No; if checked, provide basis for finding</p>
<ul style="list-style-type: none"> • If “No” is checked for 5.c <u>and</u> 5.d, then STOP - this BMP is infeasible • If “Yes” is checked for 5.c <u>or</u> 5.d, then this BMP is potentially feasible; continue on to 5.e 	
<p>5.e – Based on anticipated traffic capacity and MAS applicable to the project site, are there any traffic or pedestrian safety concerns that prevent application of this BMP?</p>	<p><input type="checkbox"/> Yes; if checked, provide basis for finding</p> <p><input type="checkbox"/> No</p>
<ul style="list-style-type: none"> • If “Yes” is checked for 5.e this BMP is infeasible • If “No” is checked for 5.e, then this BMP is potentially feasible; continue to 5.f 	

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Table 5.3 – LID BMP Feasibility Analysis
Category 5 – Sidewalk Trees and Tree Boxes (continued)

5.f – Are there any special maintenance, equipment, or experience requirements associated with the implementation of this BMP?	<input type="checkbox"/> Yes; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP <input type="checkbox"/> No
5.g – If this BMP is implemented, will there be any one-time capital costs incurred, e.g., for new equipment required to maintain the BMP, that impacts project funding?	<input type="checkbox"/> Yes; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP <input type="checkbox"/> No
5.h – Is there long-term funding available to maintain this BMP?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<ul style="list-style-type: none"> • If any of the findings from 5.f, 5.g <u>or</u> 5.h prevent the use of this BMP, then this BMP is infeasible; attach appropriate documentation as needed • If the findings from 5.f, 5.g <u>and</u> 5.h do not prevent implementation of this BMP, then the BMP is feasible; incorporate into Table 7.1 	

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**Table 5.3 – LID BMP Feasibility Analysis
Category 6 – Permeable Pavement**

<p>6.a – Are there any or programmatic constraints that prevent the use of this BMP, e.g., <i>Americans with Disabilities Act; need for emergency access, funding restrictions, etc.?</i> See Section 3.b of the Guidance.</p>	<p><input type="checkbox"/> Yes; if checked, provide basis for finding; STOP, this BMP is infeasible</p> <p><input checked="" type="checkbox"/> No; BMP is potentially feasible, continue to 6.b</p>
<p>6.b - Does the planned road project include any of the listed types of impervious surfaces (check all that apply)?</p>	<p><input type="checkbox"/> Roadside parking/parking lane</p> <p><input type="checkbox"/> Driveways</p> <p><input type="checkbox"/> Sidewalks, walkways</p> <p><input checked="" type="checkbox"/> None of the above</p>
<ul style="list-style-type: none"> • If “none of the above” is checked in 6.b, then STOP – BMP is infeasible • If any box other than “none of the above” is checked, BMP is potentially feasible; continue to 6.c 	
<p>6.c – Will any of the transportation surfaces checked in 6.b be subject to high traffic volume or heavy traffic loads that prevent the use of permeable pavement?</p>	<p><input type="checkbox"/> Yes; if checked, provide basis for finding</p> <p><input type="checkbox"/> No</p>
<p>6.d – Do the underlying soils at the project site provide adequate infiltration capacity for use of this BMP while not causing structural concerns?</p>	<p><input type="checkbox"/> Yes</p> <p><input type="checkbox"/> No; if checked, provide basis for finding</p>
<ul style="list-style-type: none"> • If “Yes” is checked for 6.c <u>or</u> “No” is checked for 6.d, then STOP - this BMP is infeasible; attach appropriate documentation support as needed • If “No” is checked for 6.c <u>and</u> “Yes” is checked for 6.d, then this BMP is potentially feasible for all impervious surface types checked in 6.b; continue to 6.e • If “Yes” is checked for 6.c <u>and</u> 6.d <u>and</u> “sidewalks, walkways” was checked in 6.b, then this BMP is potentially feasible for sidewalk or walkway elements of the project; continue to 6.e 	

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**Table 5.3 – LID BMP Feasibility Analysis
 Category 6 – Permeable Pavement (continued)**

6.e – Are there any special maintenance, equipment, or experience requirements associated with the implementation of this BMP?	<input type="checkbox"/> Yes <input type="checkbox"/> No; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP
6.f – Will the BMP maintain an adequate service life (at least 5 years) such that the BMP is economically feasible?	<input type="checkbox"/> Yes <input type="checkbox"/> No; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP
6.g – If this BMP is implemented, will there be any one-time capital costs incurred, e.g., for new equipment required to maintain the BMP, that impacts project funding?	<input type="checkbox"/> Yes; if checked, provide basis for finding and determine whether the findings prevent implementation of this BMP <input type="checkbox"/> No
6.h – Is there long-term funding available to maintain this BMP?	<input type="checkbox"/> Yes <input type="checkbox"/> No
<ul style="list-style-type: none"> • If any of the findings from 6.e, 6.f, 6.g <u>or</u> 6.h prevent the use of this BMP, then this BMP is infeasible; attach appropriate documentation as needed • If the findings from 6.e, 6.f, 6.g <u>and</u> 6.h do not prevent implementation of this BMP, then the BMP is feasible; incorporate into Table 7.1 	

Section 6: Source Control BMPs

Section 6 identifies source control BMPs potentially applicable to the proposed project. The project reviewer should evaluate the applicability of each source control BMP and identify the agency responsible for implementing the BMPs once the project is constructed.

Table 6.1 - Source Control BMPs				
Source Control BMP	Check One		If not Included, Provide Basis	If Included, Agency Responsible for Implementation
	Included	Not Included		
Category 3 or 4 Projects				
Irrigation System and Landscape Maintenance	<input checked="" type="checkbox"/>	<input type="checkbox"/>		City of Rialto
Sweeping of Transportation Surfaces adjoining curb and gutter	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No new impervious areas on roadway surfaces	
Drainage Facility Inspection and Maintenance	<input checked="" type="checkbox"/>	<input type="checkbox"/>		City of Rialto
MS4 Stenciling and Signage	<input checked="" type="checkbox"/>	<input type="checkbox"/>		City of Rialto
Landscape and Irrigation System Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>		City of Rialto
Protect Slopes and Channels	<input checked="" type="checkbox"/>	<input type="checkbox"/>		City of Rialto

Section 7: Conformance and Project Summary

Table 7.1 summarizes and documents (a) applicability and use of LID-based BMPs in the project design (from Section 5); (b) applicable source control BMPs (from Section 6); and (c) known regulatory requirements that impacted the project design (from Section 3). Fill out the information relevant to the project type and provide supporting information where needed. Continue to Section 8 on the following page for the steps to follow for applicable projects to appropriately size proposed BMP(s). If the project has more than one outlet, then complete additional versions of this form for each outlet.

Table 7.1 Conformance Summary

1 – Minimum Road Width

☒ Infeasible ☐ Feasible

2 – Drainage Swales

☐ Infeasible ☒ Feasible

If required, LID BMP Volume equivalency (%): 100
Copy Item 13 in Form A-6

3 – Infiltration Basins

☒ Infeasible ☐ Feasible

If feasible, Retention Volume (ft³):
Copy Item 12a or 12b (for applicable BMP) from Table A-7

4 – Bioretention (w/o Underdrains)

☒ Infeasible ☐ Feasible

If feasible, Retention Volume (ft³):
Copy Item 15 from Table A-8

5 – Sidewalk Trees and Tree Boxes

☒ Infeasible ☐ Feasible

If feasible, Retention Volume (ft³):
Copy Item 3 from Table A-9

6 – Permeable Pavement

☒ Infeasible ☐ Feasible

If feasible, Retention Volume (ft³):
Copy Item 8 from Table A-10

7 – Bioretention (with Underdrains)

☒ Infeasible ☐ Feasible

If feasible, Retention Volume (ft³):
Copy Item 15 in Form A-11

8 - Total LID DCV for the Transportation Project (ft³): 2,255 *Copy Item 7 in Form A-2*

LID BMP performance criteria are achieved if answer to any of the following is “Yes”:

- Full retention of LID DCV with infiltration basins, bioretention without underdrains, permeable pavement, and street trees: Yes ☐ No ☒ *If yes, sum of Items 3, 4, 5, and 6 is greater than Item 8*
- Combination of on-site retention and infiltration BMPs for a portion of the LID DCV, and flow-based biotreatment BMPs that address all pollutants of concern for the remaining LID DCV: Yes ☒ No ☐ *If yes, sum of Items 3, 4, 5, 6 and 7 is greater than Item 8; and Item 2 is greater than the percent remaining DCV based on Figure 5-2 from TGD for WQMP.*
- On-site retention is determined to be infeasible and biotreatment BMPs provide flow-based biotreatment for all pollutants of concern for full LID DCV:
Yes ☒ No ☐ *If yes, Item 2 is greater than Item 8, based on Figure 5-2 from the TGD for WQMP*

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Table 7.1 Conformance Summary (cont.)	
<p>Regulatory Requirements</p> <p>Document design elements that address any known regulatory requirements (see Table 3.1); if none, check the N/A box.</p>	<p><input type="checkbox"/> Design elements affected by regulatory requirements</p> <p>Describe:</p> <p><input checked="" type="checkbox"/> N/A</p>
<p>Source Control BMPs</p> <p>Summarize the applicable source controls and the agency responsible for implementation</p>	<p>The City of Rialto will provide non-structural source control BMPs, including landscape management, BMP maintenance, and litter control. The City will also provide structural source control BMPs, using efficient irrigation systems and water conservation landscape design, and protect slopes and channels.</p>

Section 8: BMP Sizing for Applicable Green Streets Projects

NOTE: All documentation and analyses used in this section shall be provided using the forms in Appendix A-1, Project BMP Sizing Documentation or by using the Riverside County LID Manual Worksheets. Submitted Transportation Project documents will include completed copies of these worksheets or forms.

The following steps are used to size previously selected BMPs (e.g. LID and Treatment Control) for **Category 3 and 4** projects:

1. Delineate drainage areas tributary to proposed BMP locations and compute imperviousness.
2. Using the information provided in Table 5.2 above, look up the recommended sizing method for the BMP selected in each drainage area and calculate target sizing criteria (e.g., Design Capture Volume).
3. Using the information provided in Table 5.2 above, appropriately design your BMP(s) per the provided guidance links.
4. Attempt to provide the calculated sizing criteria for the selected BMPs.
5. If sizing criteria cannot be achieved, document the constraints that override the application of BMPs, and provide the largest portion of the sizing criteria that can be reasonably provided given constraints.

If BMPs cannot be sized to provide the calculated volume for the tributary area, it is still essential to design the BMP inlet, energy dissipation, and overflow capacity for the full tributary area to ensure that flooding and scour is avoided. It is strongly recommended that BMPs which are designed to less than their target design volume be designed to bypass peak flows.

For those **Category 4** projects that cannot meet the sizing criteria, notification to the Santa Ana Regional Water Quality Control Board – Inland Stormwater Unit is required. Notification must include a cover letter justifying why your **Category 4** project cannot meet the sizing criteria and needs to include the feasibility analysis used to reach that conclusion. A copy of this notification must also be included in Appendix A-1, below.

Appendix A-1: Project BMP Sizing Documentation

Table A-1 LID BMP Performance Criteria for Design Capture Volume		
1 Drainage area (ft ²): 79,715	2 Imperviousness after applying preventative site design practices (Imp%): 25%	3 Runoff Coefficient (Rc): 0.20 $R_c = 0.858(\text{Imp}\%)^{0.3} - 0.78(\text{Imp}\%)^{0.2} + 0.774(\text{Imp}\%) + 0.04$
4 Determine 1-hour rainfall depth for a 2-year return period $P_{2\text{yr}-1\text{hr}}$ (in): 0.596 http://hdsc.nws.noaa.gov/hdsc/pfds/sa/sca_pfds.html		
5 Compute P_6 , Mean 6-hr Precipitation (inches): 0.88 $P_6 = \text{Item 4} * C_1$, where C_1 is a function of site climatic region specified in Table 3-2 of the TGD for WQMP (Valley = 1.4807; Mountain = 1.909; Desert = 1.2371)		
6 Drawdown Rate Use 48 hours unless site has soils with average field-measured permeability greater than 2 inches/hr. The necessary BMP footprint is a function of drawdown time. While shorter drawdown times reduce the performance criteria for LID BMP design capture volume, the depth of water that can be stored is also reduced, therefore larger BMP footprints may be needed to capture smaller design capture volume in sites with soil permeability less than 2 in/hr.		24-hrs <input type="checkbox"/> 48-hrs <input checked="" type="checkbox"/>
7 Compute design capture volume V_{DCV} (ft ³): 2,255 $V_{\text{SDCV}} = 1/12 * [\text{Item 1} * \text{Item 3} * \text{Item 5} * C_2]$, where C_2 is a function of drawdown rate (24-hr = 1.582; 48-hr = 1.963) Compute separate V_{DCV} for each DA to a roadway inlet		

Table A-2 Summary of HCOC Assessment			
Does project have the potential to cause or contribute to an HCOC in a downstream channel: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Go to: http://sbcounty.permitrack.com/WAP/ If "Yes", then complete HCOC assessment of site hydrology for 2 yr storm event using Tables A-3 through A-5 and insert results below. Tables A-3 through A-5 may be replaced by computer software analysis that is based on the San Bernardino County Hydrology Manual. Complete separate HCOC assessment for each DA to a roadway inlet If "No," then proceed to Form A-6			
Condition	Runoff Volume (ft ³)	Time of Concentration (min)	Peak Runoff (cfs)
Pre-developed	1 Table A-3, Item 8	2 Table A-4, Item 13	3 Table A-5, Item 6 _{pre-developed}
Post-developed	4 Table A-3, Item 9	5 Table A-4, Item 14	6 Table A-5, Item 6 _{post-developed}
Difference	7 Item 4 – Item 1	8 Item 2 – Item 5	9 Item 6 – Item 3
Difference (as % of pre-developed)	10 % Item 7 / Item 1	11 % Item 8 / Item 2	12 % Item 9 / Item 3

Table A-3 HCOC Assessment for Runoff Volume

Variables <i>Complete separate HCOC assessment for each DA to a roadway inlet</i>	Pre-developed DA	Post-developed DA
1 Land cover		
2 Hydrologic Soil Group		
3 Drainage Area (ft ²) <i>Sum of DAs should equal total site area (Form 2-2)</i>		
4 Curve Number (CN) <i>Use Items 1 and 2 to select curve number from TGD for WQMP Appendix C-2</i>		
5 Pre-developed soil storage capacity, S (in): <i>S = 1000 / Item 4 - 10</i>		
6 Pre-developed initial abstraction, I _a (in): <i>I_a = 0.2 * Item 5</i>		
7 Precipitation for 2 yr, 24 hr storm (in): <i>Go to: http://hdsc.nws.noaa.gov/hdsc/pfds/sa/sca_pfds.html</i>		
8 Pre-developed volume (ft ³): <i>V_{pre} = (1 / 12) * (Item 3) * [(Item 7 - Item 6)^2 / (Item 7 - Item 6 + Item 5)]</i>		
9 Post-developed volume (ft ³): <i>V_{post} = (1 / 12) * (Item 3) * [(Item 7 - Item 6)^2 / (Item 7 - Item 6 + Item 5)]</i>		
10 Volume Reduction Needed to meet HCOC Requirement (ft ³):	<i>V_{HCOC} = (Item 9 * 0.95) - Item 8</i>	

Table A-4 HCOC Assessment for Time of Concentration

Compute time of concentration for pre and post developed conditions *(For projects using the Hydrology Manual complete the form below)*

Variables	Pre-developed DA	Post-developed DA
1 Length of flowpath (ft) <i>Use Form 3-2 Item 5 for pre-developed condition</i>		
2 Change in elevation (ft)		
3 Slope (ft/ft) $S_o = \text{Item 2} / \text{Item 1}$		
4 Land cover		
5 Initial DA Time of Concentration (min) <i>TGD for WQMP Appendix C-1</i>		
6 Length of conveyance from DA outlet to project site outlet (ft) <i>For post-developed condition, use length of linear BMP receiving runoff from the DA</i>		
7 Cross-sectional area of channel / gutter / swale (ft ²)		
8 Wetted perimeter of channel / gutter / swale (ft)		
9 Manning's roughness of channel / gutter / swale (n)		
10 Flow velocity (ft/sec): $V_{fps} = (1.49 / \text{Item 9}) * (\text{Item 7} / \text{Item 8})^{0.67} * (\text{Item 3})^{0.5}$		
11 Travel time to outlet (min): $T_t = \text{Item 6} / (\text{Item 10} * 60)$ or if BMP is not a swale or linear bioretention, then provide the hydraulic retention time		
12 Total time of concentration (min): $T_c = \text{Item 5} + \text{Item 11}$		
13 Pre-developed time of concentration (min):		
14 Post-developed time of concentration (min):		
15 Additional time of concentration needed to meet HCOC requirement (min):	$T_{C-HCOC} = (\text{Item 13} * 0.95) - \text{Item 14}$	

Table A-5 HCOC Assessment for Peak Runoff

Compute peak runoff for pre and post developed conditions. *(For projects using the Hydrology Manual complete the form below)*

Variables <i>Complete separate HCOC assessment for each DA to a roadway inlet</i>	Pre-developed DA	Post-developed DA
1 Rainfall Intensity for storm duration equal to time of concentration: $I_{peak} = 10^{(LOG \text{ Form A-2 Item 4} - 0.7 LOG \text{ Form A-5 Item 5} + 1.067)}$		
2 Drainage Area (Acres)		
3 Ratio of pervious area to total area		
4 Pervious area infiltration rate (in/hr) <i>Use pervious area CN and antecedent moisture condition with TGD for WQMP Appendix C-3</i>		
5 Maximum loss rate (in/hr): $F_m = \text{Item 2} * \text{Item 3}$		
6 Peak Flow from DA (cfs): $Q_p = \text{Item 2} * 0.9 * (\text{Item 1} - \text{Item 5})$		
7 Peak runoff reduction needed to meet HCOC Requirement (cfs): <div style="text-align: right;">$Q_{p-HCOC} = (\text{Item 6}_{post-developed} * 0.95) - \text{Item 6}_{pre-developed}$</div>		

Table A-6 Drainage Swale

Variable <i>Use columns to the right to compute runoff volume treatment from proposed Drainage Swales</i>	DA 1	DA	DA
1 Pollutants addressed with BMP <i>List all pollutant of concern that will be effectively reduced through specific Unit Operations and Processes described in Table 5-5 of the WQMP Guidance</i>	Metals, sediment, total suspended solids, organic compounds, pesticides, herbicides, trash/debris, and oils/grease		
2 Flow depth for water quality treatment (ft) <i>BMP specific, see Table 5-6 in TGD for WQMP for reference to BMP design details</i>	0.17		
3 Bed slope (ft/ft) <i>BMP specific, see Table 5-6 in TGD for WQMP for reference to BMP design details</i>	0.001		
4 Manning's roughness coefficient	0.2		
5 Bottom width (ft): $b_w = (\text{Form 4.3-5 Item 6} * \text{Item 4}) / (1.49 * \text{Item 2}^{1.67} * \text{Item 3}^{0.5})$	5.3 round to 5.5		
6 Side Slope (ft/ft) <i>BMP specific, see Table 5-6 in TGD for WQMP for reference to BMP design details</i>	2		
7 Cross sectional area (ft ²): $A = (\text{Item 5} * \text{Item 2}) + (\text{Item 6} * \text{Item 2}^2)$	0.93		
8 Water quality flow velocity (ft/sec): $V = \text{Form 4.3-5 Item 6} / \text{Item 7}$	0.062/0.93=0.067		
9 Flow capacity (cfs): $Q = \text{Item 7} * \text{Item 8}$	0.067*0.93=0.062		
10 Hydraulic residence time (min) <i>Pollutant specific, see Table 5-6 in TGD for WQMP for reference to BMP design details</i>	10		
11 Length of flow based BMP (ft): $L = \text{Item 8} * \text{Item 10} * 60$	0.067*10*60=42 Minimum 100 ft		
12 Water surface area at water quality flow depth (ft ²): $SA_{top} = (\text{Item 5} + (2 * \text{Item 2} * \text{Item 6})) * \text{Item 11}$	(5.5+(2*0.17*2))*100 =618		
13 LID BMP Volume equivalency (%): <i>Use Item 9 (flow capacity) and Figure 5-2 in the TGD for WQMP</i>	100%		

Table A-7 Infiltration Basins

Variable <i>Use columns to the right to compute runoff volume retention from Infiltration Basin and Infiltration Trench BMPs</i>	DA	DA	DA
1 Infiltration rate of underlying soils (in/hr), <i>See Section 5.4.2 and Appendix D of the TGD for WQMP for minimum requirements for assessment methods.</i>			
2 Infiltration safety factor, <i>See Section 5.4.2 and Appendix D of the TGD for WQMP</i>			
3 Design percolation rate (in/hr): $P_{design} = \text{Item 1} / \text{Item 2}$			
4 Infiltrating surface area, SA_{BMP} (ft ²), <i>surface area of basin or trench bottom</i>			
5 Ponded water drawdown time (hr), <i>default is 48 hrs</i>			
6 Duration of storm as basin is filling (hrs) <i>Typical ~ 3hrs</i>			
7 Ponding surface area, SA_{ponded} (ft ²), <i>Only included in certain BMP types, see Table 5-4 in the TGD for WQMP for reference to BMP design details</i>			
8 Ponding Depth (ft): $d_{pond} = \text{Minimum of } (1/12 * \text{Item 3} * \text{Item 5}) \text{ or maximum ponding depth -- see Section 5.4.2 and Appendix D of the TGD for WQMP for minimum requirements for assessment methods}$			
9 Gravel layer surface area, SA_{gravel} (ft ²), <i>Only included in certain BMP types, see Table 5-4 in the TGD for WQMP for reference to BMP design details</i>			
10 Gravel depth, d_{gravel} (ft) <i>Only included in certain BMP types, see Table 5-4 in the TGD for WQMP for reference to BMP design details</i>			
11 Gravel porosity, <i>Only included in certain BMP types, see Table 5-4 in the TGD for WQMP for reference to BMP design details</i>			
12a Basin Retention Volume (ft ³): $V_{retention} = \text{Item 3} * \text{Item 4} * (\text{Item 5} + \text{Item 6})$			
12b Trench Retention Volume (ft ³): $V_{retention} = (\text{Item 3} * \text{Item 4} * \text{Item 6}) + (\text{Item 7} * \text{Item 8}) + (\text{Item 9} * \text{Item 10} * \text{Item 11})$			

Table A-8 Bioretention (w/o Underdrains)

Variable <i>Use columns to the right to compute runoff volume retention from Infiltration Bioretention BMPs without Underdrains</i>	DA	DA	DA
1 Infiltration rate of underlying soils (in/hr), <i>See Section 5.4.2 and Appendix D of the TGD for WQMP for minimum requirements for assessment methods.</i>			
2 Infiltration safety factor, <i>See Section 5.4.2 and Appendix D of the TGD for WQMP</i>			
3 Design percolation rate (in/hr): $P_{design} = \text{Item 1} / \text{Item 2}$			
4 Infiltrating surface area, SA_{inf} (ft ²), <i>surface area of basin or trench bottom</i>			
5 Ponded water drawdown time (hr), <i>default is 48 hrs</i>			
6 Duration of storm as basin is filling (hrs) <i>Typical ~ 3hrs</i>			
7 Ponding surface area, SA_{ponded} (ft ²), <i>area of surface ponding</i>			
8 Ponding Depth (ft): <i>$d_{pond} = \text{Minimum of } (1/12 * \text{Item 3} * \text{Item 5}) \text{ or maximum ponding depth – see Section 5.4.2 and Appendix D of the TGD for WQMP for minimum requirements for assessment methods}$</i>			
9 Gravel layer surface area, SA_{gravel} (ft ²), <i>area of gravel layer surface</i>			
10 Gravel depth, d_{gravel} (ft), <i>depth of gravel layer</i>			
11 Gravel porosity, n_{gravel} , <i>effective porosity of gravel layer</i>			
12 Soil layer surface area, SA_{soil} (ft ²), <i>area of soil layer surface</i>			
13 Soil layer depth, d_{soil} (ft), <i>depth of gravel layer</i>			
14 Soil porosity, n_{soil} , <i>effective porosity of gravel layer</i>			
15 Retention Volume (ft ³): $V_{retention} = (\text{Item 3} * \text{Item 4} * \text{Item 6}) + (\text{Item 7} * \text{Item 8}) + (\text{Item 9} * \text{Item 10} * \text{Item 11}) + (\text{Item 12} * \text{Item 13} * \text{Item 14})$			

Table A-9 Sidewalk Trees and Tree Boxes

Variable <i>Use columns to the right to compute runoff volume retention from proposed street tree BMPs. If street tree is in a planterbox that receives runoff from the street via curbcut, then use Form A-11 to compute additional retention volume</i>	DA	DA	DA
1 Number of Street Trees			
2 Average canopy cover over impervious area (ft ²)			
3 Runoff volume retention from street trees (ft ³): <i>V_{retention} = Item 1 * Item 2 * (0.05/12) assuming retention of 0.05 inches of runoff</i>			

Table A-10 Permeable Pavement BMPs

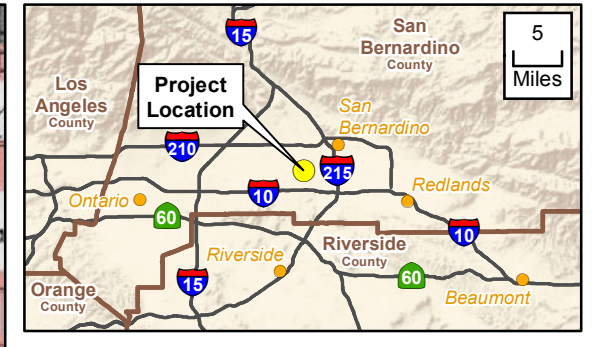
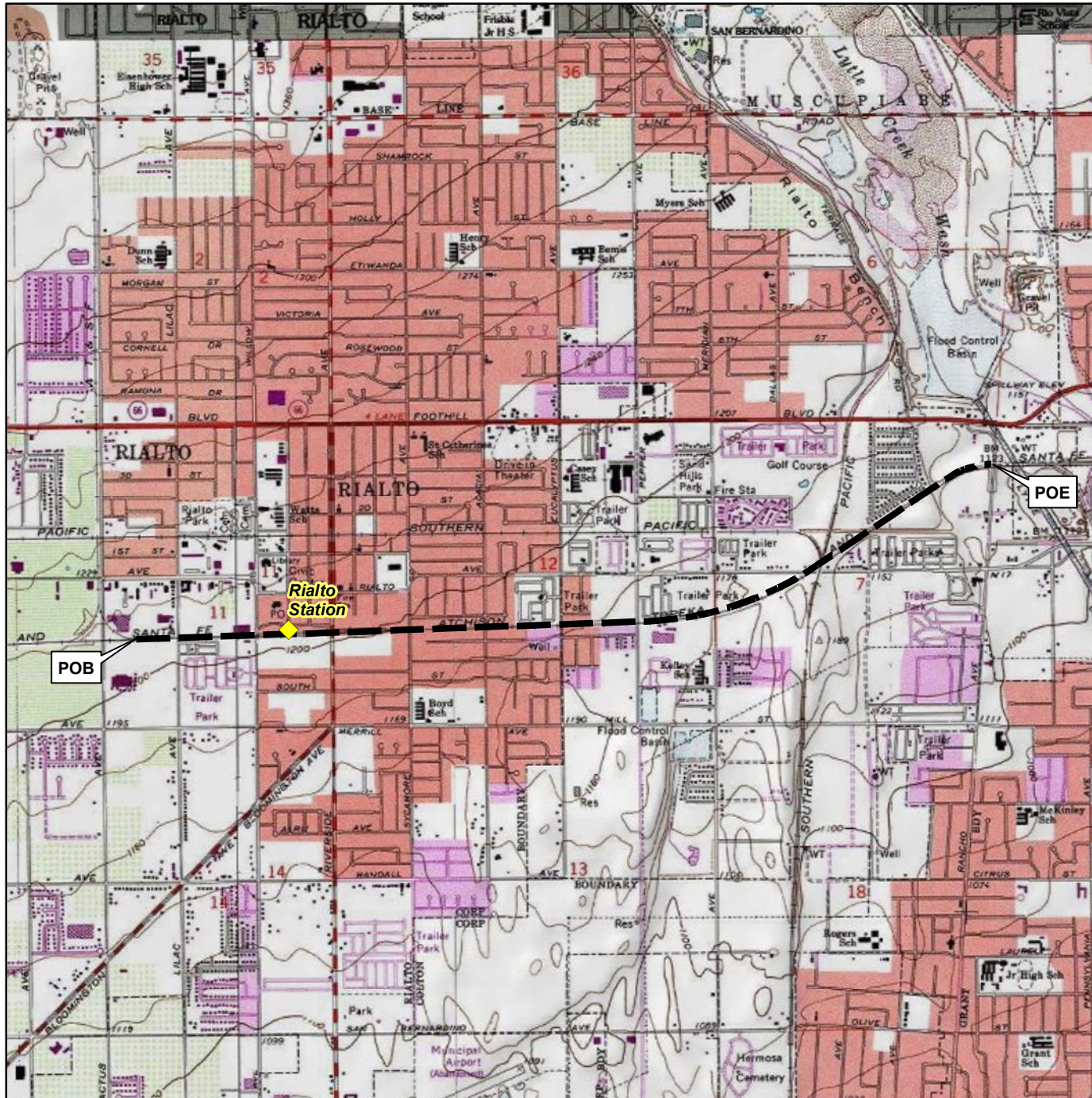
Variable <i>Use columns to the right to compute runoff volume retention from proposed permeable pavement BMPs</i>	DA	DA	DA
1 Infiltration rate of underlying soils (in/hr) <i>See Section 5.4.2 and Appendix D of the TGD for WQMP for minimum requirements for assessment methods</i>			
2 Infiltration safety factor <i>See Section 5.4.2 and Appendix D of the TGD for WQMP</i>			
3 Design percolation rate (in/hr): <i>P_{design} = Item 1 / Item 2</i>			
4 Infiltrating surface area, <i>SA_{BMP}</i> (ft ²)			
5 Gravel depth, <i>d_{media}</i> (ft)			
6 Gravel porosity			
7 Duration of storm as basin is filling (hrs) <i>Typical ~ 3hrs</i>			
8 Retention Volume (ft ³): <i>V_{retention} = Item 4 * [(Item 5 * Item 6) + (Item 7 * (Item 3 / 12))]</i>			

Table A-11 Bioretention (with Underdrain)

Variable <i>Use columns to the right to compute runoff volume retention from Bioretention (w/o Underdrain) BMPs</i>	DA	DA	DA
1 Infiltration rate of underlying soils (in/hr) <i>See Guidance Section 5.4.2 and Appendix D for minimum requirements for assessment methods.</i>			
2 Infiltration safety factor <i>See Guidance Section 5.4.2 and Appendix D</i>			
3 Design percolation rate (in/hr) $P_{design} = \text{Item 1} / \text{Item 2}$			
4 Ponded water drawdown time (hr), <i>default is 48 hrs</i>			
5 Maximum ponding depth (ft) <i>BMP specific, see Table 5-4 in Guidance for reference to BMP design details</i>			
6 Ponding Depth (ft) $d_{BMP} = \text{Minimum of } (1/12 * \text{Item 2} * \text{Item 3}) \text{ or Item 5}$			
7 Infiltrating surface area, SA_{BMP} (ft ²) <i>area beneath gravel layer for BMPs without underdrains</i>			
8 Amended soil depth, d_{media} (ft) <i>Only included in certain BMP types, see Table 5-4 in Guidance for reference to BMP design details</i>			
9 Amended soil porosity			
10 Gravel depth, d_{media} (ft) <i>Only included in certain BMP types, see Table 5-4 in Guidance for reference to BMP design details</i>			
11 Gravel porosity			
12 Duration of storm as basin is filling (hrs) <i>Typical ~ 3hrs</i>			
13 Retention Volume (ft ³) $V_{retention} = \text{Item 7} * [\text{Item 6} + (\text{Item 8} * \text{Item 9}) + (\text{Item 10} * \text{Item 11}) + (\text{Item 12} * (\text{Item 3} / 12))]$			

BMP Inspection / Maintenance			
BMP	Responsible Party(ies)	Inspection / Maintenance Activities Required	Minimum Frequency of Activities
Drainage Swale	City of Rialto	Mow grass to an average height no less than 4 inches, control weeds, water during drought conditions and re-seed in bare areas, remove debris and blockages. Clean, reshape and revegetate swale when needed. Remove sediment when it builds up to 3 inches at any spot, or covers vegetation.	2x per year

Appendix B: Vicinity Map



Legend

◆ Rialto Station

--- Project Location

Notes:

POB = Point of Beginning

POE = Point of Ending

Basemap Source:

1. ESRI, USGS 7.5' Topo Quads: Fontana, CA and San Bernardino South, CA

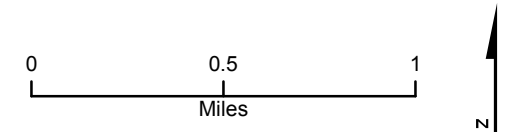


Figure 1-1
Regional Project Location
SBCTA Double Track Project
Rialto, California

Appendix C: BMP Exhibit

Appendix D: Backup Calculations

Key Parameters Site Parameters

Parameter	DA
Acres	1.83
Pre-developed land classification	Metrolink Station
Pre-developed imperviousness (%)	0%
Post-developed land classification	Metrolink Station
Post-developed imperviousness Area (AC)	0.45
Post-developed imperviousness (%)	25%
2-year, 1 hr precipitation (in) (NOAA Atlas 14, Volume 6, Version 2)	0.596
a_1 (Valley = 1.4807; Mountain = 1.909; Desert = 1.2371) Climatic Region (valley)	1.4807
a_2 BMP Drawdown time (48 hrs)	1.963

Design Capture Volume for DA

Parameter	Value
DA area (ft ²)	79715
$R_c = 0.858 * i^3 - 0.78i^2 + 0.774 * i + 0.04$	0.20
$P_6 = P_{2yr,1hr} * a_1$	0.88
$DCV (ft^3) = DA * R_c * a_2 * P_6 / 12$	2255

Design Capture Flow for DA

Parameter	Value
Flow Capacity Ratio (cfs/impervious area) (Figure 5.2 from SAR WQMP)	0.138
$Q_{wQ} = \text{Flow Capacity Ratio} * \text{Impervious Area}$	0.062

Sizing Bioswale

Parameter	Value
n (short grass, small flow)	0.2
d_{wQ} (ft) (between 2-4inches)	0.17
S (ft/ft)	0.001
$b_{wQ} (ft) = Q_{wQ} * n / 1.49 * d_{wQ}^{1.67} * S^{0.5}$	5.3
Z (side slope)	2
$A_{wQ} = bd + Z * d^2$	0.93
$V_{wQ} = Q_{wQ} / A_{wQ}$	0.067
Hydraulic Residence Time (HRT) min (From page 72 of SAR WQMP)	10
$L = 60 * HRT * V_{wQ}$	40

Conveyance check for 25-yr event

Parameter	Value
n (short grass, larger flows)	0.02
Bottom Width (ft) (rounded)	5.5
25-year, 1 hr precipitation (in) (NOAA Atlas 14, Volume 6, Version 2)	1.14
F_p (hydrology Manual Figure C-6)	0.9
a_p (pervious fraction of site)	0.75
DA (AC)	1.83
$F_m = a_p * F_p$	0.7
$S_{log-log}$ (Section D.4 Hydrology Manual)	0.6
T_c (Figure D-1 hydrology Manual)	12
I_{25yr} (in/hr) (Figure d-3 hydrology manual)	2.99
$Q_{25yr} = 0.9 * (I - F_m) * A$ (Equation D.4 hydrology manual)	3.81
d_{25yr} (ft)	0.48

Form 3-1 Site Location and Hydrologic Features

Site coordinates take GPS
measurement at approximate
center of site

Latitude 34°5'48.25"

Longitude 117°22'21.62"

Thomas Bros Map page

¹ San Bernardino County climatic region: ☒ Valley ☐ Mountain

² Does the site have more than one drainage area (DA): Yes ☐ No ☒ *If no, proceed to Form 3-2. If yes, then use this form to show a conceptual schematic describing DMAs and hydrologic feature connecting DMAs to the site outlet(s). An example is provided below that can be modified for proposed project or a drawing clearly showing DMA and flow routing may be attached*

Conveyance

Briefly describe on-site drainage features to convey runoff that is not retained within a DMA

Form 3-2 Existing Hydrologic Characteristics (DA 1)

For Drainage Area 1's sub-watershed DMA, provide the following characteristics	DMA A	DMA B	DMA C	DMA D
1 DMA drainage area (ft ²)	79,715			
2 Existing site impervious area (ft ²)				
3 Antecedent moisture condition <i>For desert areas, use</i> http://www.sbcounty.gov/dpw/floodcontrol/pdf/20100412_map.pdf	AMC II			
4 Hydrologic soil group <i>Refer to Watershed Mapping Tool –</i> http://sbcounty.permitrack.com/WAP	Types A and B.			
5 Longest flowpath length (ft)	1,173			
6 Longest flowpath slope (ft/ft)	5/1173=0.004			
7 Current land cover type(s) <i>Select from Fig C-3 of Hydrology Manual</i>	Urban Cover			
8 Pre-developed pervious area condition: <i>Based on the extent of wet season vegetated cover good >75%; Fair 50-75%; Poor <50% Attach photos of site to support rating</i>	Good			

Form 4.2-1 LID BMP Performance Criteria for Design Capture Volume (DA 1)

1 Project area DA 1 (ft ²): 79,715	2 Imperviousness after applying preventative site design practices (Imp%): 25	3 Runoff Coefficient (Rc): _0.20 $R_c = 0.858(\text{Imp}\%)^{\wedge 3} - 0.78(\text{Imp}\%)^{\wedge 2} + 0.774(\text{Imp}\%) + 0.04$
4 Determine 1-hour rainfall depth for a 2-year return period P _{2yr-1hr} (in): 0.596 http://hdsc.nws.noaa.gov/hdsc/pfds/qa/sca_pfds.html		
5 Compute P ₆ , Mean 6-hr Precipitation (inches): 0.88 <i>P₆ = Item 4 * C₁, where C₁ is a function of site climatic region specified in Form 3-1 Item 1 (Valley = 1.4807; Mountain = 1.909; Desert = 1.2371)</i>		
6 Drawdown Rate <i>Use 48 hours as the default condition. Selection and use of the 24 hour drawdown time condition is subject to approval by the local jurisdiction. The necessary BMP footprint is a function of drawdown time. While shorter drawdown times reduce the performance criteria for LID BMP design capture volume, the depth of water that can be stored is also reduced.</i>		24-hrs <input type="checkbox"/> 48-hrs <input checked="" type="checkbox"/>
7 Compute design capture volume, DCV (ft ³): 2,255 <i>DCV = 1/12 * [Item 1 * Item 3 * Item 5 * C₂], where C₂ is a function of drawdown rate (24-hr = 1.582; 48-hr = 1.963)</i> <i>Compute separate DCV for each outlet from the project site per schematic drawn in Form 3-1 Item 2</i>		



NOAA Atlas 14, Volume 6, Version 2
 Location name: **Rialto, California, USA***
 Latitude: **34.0967°**, Longitude: **-117.3725°**
 Elevation: **1206.57 ft****

* source: ESRI Maps

** source: USGS



POINT PRECIPITATION FREQUENCY ESTIMATES

Sanja Perica, Sarah Dietz, Sarah Heim, Lillian Hiner, Kazungu Maitaria, Deborah Martin, Sandra Pavlovic, Ishani Roy, Carl Trypaluk, Dale Unruh, Fenglin Yan, Michael Yekta, Tan Zhao, Geoffrey Bonnin, Daniel Brewer, Li-Chuan Chen, Tye Parzybok, John Yarchoan

NOAA, National Weather Service, Silver Spring, Maryland

[PF tabular](#) | [PF graphical](#) | [Maps & aerials](#)

PF tabular

PDS-based point precipitation frequency estimates with 90% confidence intervals (in inches) ¹										
Duration	Average recurrence interval (years)									
	1	2	5	10	25	50	100	200	500	1000
5-min	0.123 (0.103–0.149)	0.160 (0.133–0.194)	0.209 (0.173–0.254)	0.250 (0.205–0.307)	0.307 (0.243–0.390)	0.351 (0.273–0.456)	0.398 (0.302–0.530)	0.447 (0.329–0.613)	0.517 (0.365–0.739)	0.572 (0.390–0.849)
10-min	0.177 (0.147–0.214)	0.229 (0.191–0.278)	0.299 (0.248–0.365)	0.358 (0.294–0.440)	0.439 (0.349–0.559)	0.504 (0.391–0.654)	0.570 (0.432–0.760)	0.641 (0.472–0.879)	0.740 (0.523–1.06)	0.820 (0.559–1.22)
15-min	0.214 (0.178–0.259)	0.277 (0.231–0.337)	0.362 (0.300–0.441)	0.433 (0.356–0.532)	0.531 (0.422–0.676)	0.609 (0.473–0.791)	0.690 (0.523–0.919)	0.775 (0.571–1.06)	0.895 (0.632–1.28)	0.992 (0.676–1.47)
30-min	0.316 (0.263–0.384)	0.411 (0.341–0.499)	0.536 (0.445–0.653)	0.641 (0.527–0.788)	0.787 (0.625–1.00)	0.902 (0.701–1.17)	1.02 (0.775–1.36)	1.15 (0.846–1.58)	1.33 (0.936–1.90)	1.47 (1.00–2.18)
60-min	0.459 (0.382–0.557)	0.596 (0.495–0.723)	0.778 (0.645–0.948)	0.930 (0.765–1.14)	1.14 (0.907–1.45)	1.31 (1.02–1.70)	1.48 (1.12–1.98)	1.67 (1.23–2.29)	1.92 (1.36–2.75)	2.13 (1.45–3.16)
2-hr	0.673 (0.560–0.816)	0.865 (0.719–1.05)	1.12 (0.928–1.36)	1.33 (1.09–1.63)	1.62 (1.28–2.06)	1.84 (1.43–2.39)	2.07 (1.57–2.76)	2.32 (1.71–3.17)	2.65 (1.87–3.79)	2.92 (1.99–4.33)
3-hr	0.841 (0.701–1.02)	1.08 (0.896–1.31)	1.39 (1.15–1.69)	1.65 (1.35–2.02)	2.00 (1.59–2.54)	2.27 (1.76–2.94)	2.54 (1.93–3.39)	2.83 (2.09–3.89)	3.23 (2.28–4.63)	3.55 (2.42–5.26)
6-hr	1.20 (0.998–1.46)	1.53 (1.28–1.86)	1.97 (1.64–2.40)	2.33 (1.92–2.86)	2.81 (2.23–3.58)	3.18 (2.48–4.14)	3.56 (2.70–4.75)	3.95 (2.91–5.42)	4.48 (3.16–6.42)	4.90 (3.34–7.27)
12-hr	1.61 (1.34–1.95)	2.07 (1.72–2.51)	2.66 (2.21–3.24)	3.14 (2.58–3.86)	3.78 (3.00–4.81)	4.27 (3.32–5.55)	4.77 (3.61–6.35)	5.27 (3.88–7.23)	5.96 (4.20–8.53)	6.49 (4.42–9.62)
24-hr	2.16 (1.91–2.49)	2.80 (2.48–3.23)	3.62 (3.19–4.19)	4.28 (3.74–4.99)	5.16 (4.37–6.22)	5.83 (4.84–7.17)	6.50 (5.27–8.19)	7.18 (5.66–9.30)	8.10 (6.13–10.9)	8.81 (6.44–12.3)
2-day	2.64 (2.34–3.04)	3.47 (3.07–4.01)	4.56 (4.02–5.27)	5.44 (4.76–6.34)	6.63 (5.61–7.98)	7.54 (6.25–9.27)	8.46 (6.85–10.7)	9.40 (7.41–12.2)	10.7 (8.08–14.4)	11.7 (8.54–16.3)
3-day	2.81 (2.48–3.23)	3.76 (3.32–4.34)	5.01 (4.42–5.80)	6.04 (5.29–7.05)	7.46 (6.32–8.99)	8.56 (7.11–10.5)	9.69 (7.85–12.2)	10.9 (8.57–14.1)	12.5 (9.45–16.8)	13.8 (10.1–19.2)
4-day	3.00 (2.65–3.46)	4.06 (3.59–4.68)	5.46 (4.82–6.32)	6.63 (5.80–7.73)	8.24 (6.98–9.93)	9.51 (7.89–11.7)	10.8 (8.77–13.6)	12.2 (9.61–15.8)	14.1 (10.7–19.0)	15.6 (11.4–21.8)
7-day	3.41 (3.02–3.93)	4.65 (4.12–5.37)	6.31 (5.57–7.30)	7.69 (6.73–8.97)	9.61 (8.14–11.6)	11.1 (9.23–13.7)	12.7 (10.3–16.0)	14.3 (11.3–18.6)	16.6 (12.6–22.5)	18.5 (13.5–25.8)
10-day	3.70 (3.28–4.26)	5.08 (4.49–5.86)	6.93 (6.11–8.01)	8.46 (7.40–9.87)	10.6 (8.98–12.8)	12.3 (10.2–15.1)	14.1 (11.4–17.7)	15.9 (12.6–20.6)	18.5 (14.0–25.0)	20.6 (15.1–28.8)
20-day	4.49 (3.98–5.18)	6.22 (5.50–7.18)	8.55 (7.54–9.89)	10.5 (9.18–12.2)	13.2 (11.2–15.9)	15.4 (12.8–18.9)	17.7 (14.3–22.3)	20.1 (15.8–26.0)	23.5 (17.8–31.7)	26.2 (19.2–36.6)
30-day	5.31 (4.70–6.12)	7.37 (6.51–8.50)	10.1 (8.94–11.7)	12.5 (10.9–14.5)	15.8 (13.3–19.0)	18.4 (15.2–22.6)	21.1 (17.1–26.6)	24.1 (19.0–31.2)	28.3 (21.4–38.1)	31.6 (23.1–44.2)
45-day	6.33 (5.60–7.29)	8.75 (7.74–10.1)	12.0 (10.6–13.9)	14.8 (12.9–17.2)	18.7 (15.8–22.5)	21.8 (18.1–26.8)	25.1 (20.3–31.6)	28.6 (22.6–37.1)	33.7 (25.5–45.4)	37.8 (27.6–52.7)
60-day	7.38 (6.54–8.51)	10.1 (8.97–11.7)	13.9 (12.2–16.1)	17.0 (14.9–19.9)	21.5 (18.2–25.9)	25.1 (20.8–30.8)	28.8 (23.4–36.3)	32.9 (25.9–42.6)	38.7 (29.3–52.2)	43.5 (31.8–60.7)

¹ Precipitation frequency (PF) estimates in this table are based on frequency analysis of partial duration series (PDS). Numbers in parenthesis are PF estimates at lower and upper bounds of the 90% confidence interval. The probability that precipitation frequency estimates (for a given duration and average recurrence interval) will be greater than the upper bound (or less than the lower bound) is 5%. Estimates at upper bounds are not checked against probable maximum precipitation (PMP) estimates and may be higher than currently valid PMP values. Please refer to NOAA Atlas 14 document for more information.

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Form 4.3-5 Selection and Evaluation of Biotreatment BMP (DA 1)

1 Remaining LID DCV not met by site design HSC, infiltration, or harvest and use BMP for potential biotreatment (ft ³): 34,455 Form 4.2-1 Item 7 - Form 4.3-2 Item 30 – Form 4.3-3 Item 16- Form 4.3-4 Item 9	List pollutants of concern <i>Copy from Form 2.3-1.</i> Metals, sediment, total suspended solids, organic compounds, pesticides, herbicides, trash/debris, and oils/grease.	
2 Biotreatment BMP Selected <i>(Select biotreatment BMP(s) necessary to ensure all pollutants of concern are addressed through Unit Operations and Processes, described in Table 5-5 of the TGD for WQMP)</i>	Volume-based biotreatment <i>Use Forms 4.3-6 and 4.3-7 to compute treated volume</i> <input type="checkbox"/> Bioretention with underdrain <input type="checkbox"/> Planter box with underdrain <input type="checkbox"/> Constructed wetlands <input type="checkbox"/> Wet extended detention <input type="checkbox"/> Dry extended detention	Flow-based biotreatment <i>Use Form 4.3-8 to compute treated volume</i> <input checked="" type="checkbox"/> Vegetated swale <input type="checkbox"/> Vegetated filter strip <input type="checkbox"/> Proprietary biotreatment
3 Volume biotreated in volume based biotreatment BMP (ft ³): <i>Form 4.3-6 Item 15 + Form 4.3-7 Item 13</i>	4 Compute remaining LID DCV with implementation of volume based biotreatment BMP (ft ³): <i>Item 1 – Item 3</i>	5 Remaining fraction of LID DCV for sizing flow based biotreatment BMP: 100% <i>Item 4 / Item 1</i>
6 Flow-based biotreatment BMP capacity provided (cfs): 0.062 <i>Use Figure 5-2 of the TGD for WQMP to determine flow capacity required to provide biotreatment of remaining percentage of unmet LID DCV (Item 5), for the project's precipitation zone (Form 3-1 Item 1)</i>		
7 Metrics for MEP determination: <ul style="list-style-type: none"> Provided a WQMP with the portion of site area used for suite of LID BMP equal to minimum thresholds in Table 5-7 of the TGD for WQMP for the proposed category of development: <input type="checkbox"/> <i>If maximized on-site retention BMPs is feasible for partial capture, then LID BMP implementation must be optimized to retain and infiltrate the maximum portion of the DCV possible within the prescribed minimum effective area. The remaining portion of the DCV shall then be mitigated using biotreatment BMP.</i> 		

Form 4.3-8 Flow Based Biotreatment (DA 1)

Biotreatment BMP Type <i>Vegetated swale, vegetated filter strip, or other comparable proprietary BMP</i>	DA 1 DMA BMP Type Bioswale	DA DMA BMP Type	DA DMA BMP Type <i>(Use additional forms for more BMPs)</i>
1 Pollutants addressed with BMP <i>List all pollutant of concern that will be effectively reduced through specific Unit Operations and Processes described in TGD Table 5-5</i>	Metals, sediment, total suspended solids, organic compounds, pesticides, herbicides, trash/debris, and oils/grease.		
2 Flow depth for water quality treatment (ft) <i>BMP specific, see Table 5-6 of the TGD for WQMP for reference to BMP design details</i>	0.17		
3 Bed slope (ft/ft) <i>BMP specific, see Table 5-6 of the TGD for WQMP for reference to BMP design details</i>	0.001		
4 Manning's roughness coefficient	0.2		
5 Bottom width (ft) <i>$b_w = (\text{Form 4.3-5 Item 6} * \text{Item 4}) / (1.49 * \text{Item 2}^{1.67} * \text{Item 3}^{0.5})$</i>	5.3 round to 5.5		
6 Side Slope (ft/ft) <i>BMP specific, see Table 5-6 of the TGD for WQMP for reference to BMP design details</i>	2		
7 Cross sectional area (ft ²) <i>$A = (\text{Item 5} * \text{Item 2}) + (\text{Item 6} * \text{Item 2}^2)$</i>	0.93		
8 Water quality flow velocity (ft/sec) <i>$V = \text{Form 4.3-5 Item 6} / \text{Item 7}$</i>	0.067		
9 Hydraulic residence time (min) <i>Pollutant specific, see Table 5-6 of the TGD for WQMP for reference to BMP design details</i>	10		
10 Length of flow based BMP (ft) <i>$L = \text{Item 8} * \text{Item 9} * 60$</i>	40 (min 100)		
11 Water surface area at water quality flow depth (ft ²) <i>$SA_{top} = (\text{Item 5} + (2 * \text{Item 2} * \text{Item 6})) * \text{Item 10}$</i>	$(5.5 + (2 * 0.17 * 2)) * 100$ =618		

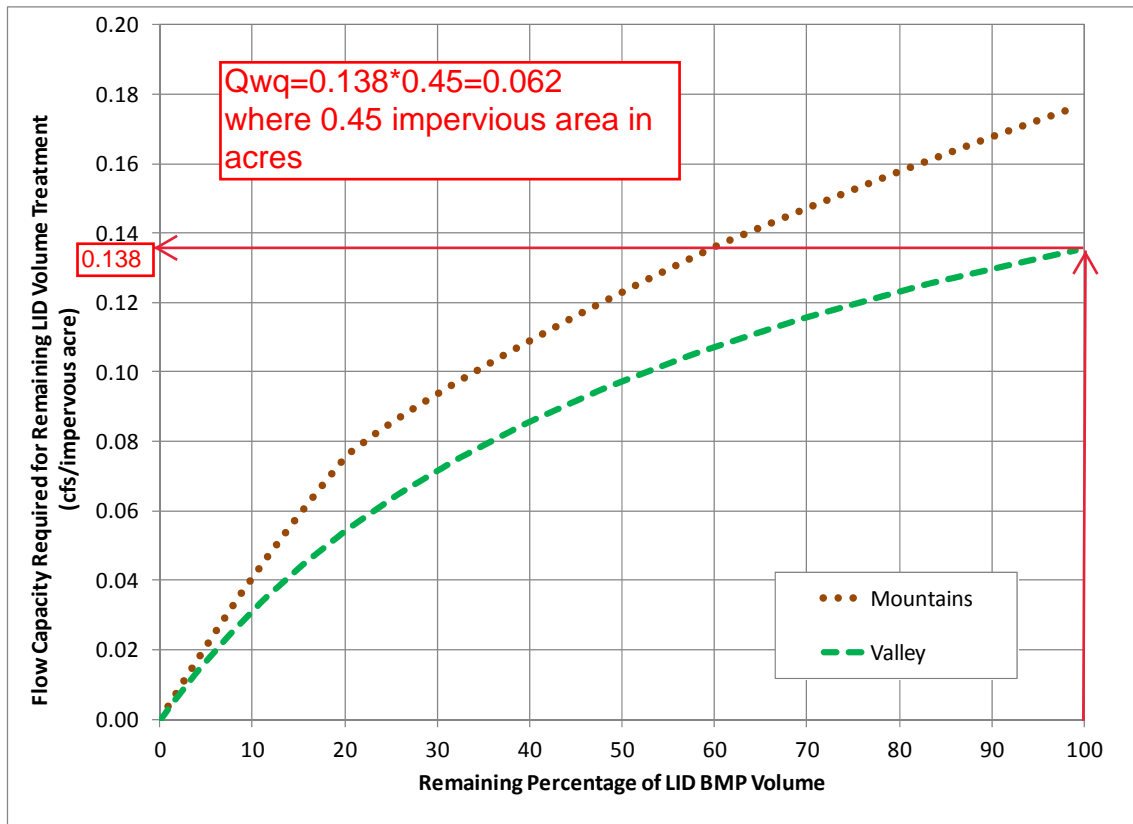


Figure 5-2. Nomograph for Determining Flow-based BMP Capacity Requirement to meet Remaining Unmet DCV

- Proprietary biotreatment - Proprietary biotreatment devices are devices that are manufactured to mimic natural systems such as bioretention areas by incorporating plants, soil, and microbes engineered to provide treatment at higher flow rates or volumes and with smaller footprints than their natural counterparts. Incoming flows are typically filtered through a planting media (mulch, compost, soil, plants, microbes, etc.) and either infiltrated or collected by an underdrain and delivered to the storm water conveyance system. Tree box filters are an increasingly common type of proprietary biotreatment device that are installed at curb level and filled with a bioretention type soil. For low to moderate flows they operate similarly to bioretention systems and are bypassed during high flows. Tree box filters are highly adaptable solutions that can be used in all types of development and soils but are especially applicable to urban parking lots, street, and roadways.

5.5 WQMP Conformance Analysis

Section 5.3.2 presented general feasibility criteria for determining project conditions that would preclude or restrict the use of one or more types of BMPs. This section describes specific,

Table 5-6. Estimation methods for biotreatment BMPs

BMP Type	Runoff Volume Calculation	Variables	Fact Sheet Reference for Design Details
Constructed wetland / Extended wet detention / Dry extended detention	$V_{biotreated} = (S_{forebay} + S_{basin}) + \{ T_{fill} * (V_{forebay} + V_{basin}) / T_{drawdown} \}$ <p>where $Q_{out} = (V_{forebay} + V_{basin}) / (T_{drawdown} * 3600)$</p>	$S_{forebay, basin}$ = storage volume in forebay and main basin (ft ³), approximated by equation for volume of a rectangular frustum (Template Form 4.3-7 Item 8) $T_{drawdown}$ = drawdown time for stored runoff (hrs), default is 48 hours T_{fill} = duration of storm when biotreatment is occurring as basin is filling (hrs), default is 3 hours Q_{out} = capacity of outflow (cfs)	Riverside County LID BMP Manual Orange County TGD for Project WQMPs Appendix XIV
Bioretention with underdrain / Planter Box	$V_{biotreated} = (P_{design} / 12 * SA_{inf} * T_{fill}) + (SA_{ponded} * d_{ponded} / 2) + (SA_{soil} * d_{soil} * n_{soil}) + (SA_{gravel} * d_{gravel} * n_{gravel})$ <p>where $d_{ponded} \leq T_{drawdown} * P_{design} / 12$</p>	P_{design} = design percolation rate into amended soil layer (in/hr), default 2.5 in/hr $SA_{amended\ soil}$ = surface area (ft ²) of amended soil layer of bioretention area and surface ponding $T_{drawdown}$ = drawdown time for stored runoff (hrs), default is 48 hours T_{fill} = duration of storm when biotreatment is occurring as basin is filling (hrs), default is 3 hours $d_{ponded, soil, gravel}$ = depth (ft) of ponding and gravel layers, zero ponding for planter box $n_{amended\ soil, gravel}$ = porosity of amended soil and gravel layer	Riverside County LID BMP Manual Orange County TGD for Project WQMPs Appendix XIV
Bioswale / Vegetated filter strip	$b = (Q_{design} * n / (1.49 * d^{1.67} * S^{0.5}))$ <p>where $b_{filter\ strip} \geq Q_{design} / 0.005$</p>	b = bottom width (ft) of bioswale / vegetated filter strip Q_{design} = design flow capacity (cfs) as determined from Figure 5-2 n = Manning's roughness coefficient d = depth of flow (ft), vegetated filter strip not to exceed 1", bioswale not to exceed 2" if mowed or 4" if not mowed S = slope in direction of flow	Riverside County LID BMP Manual Orange County TGD for Project WQMPs Appendix XIV

