Appendix A

AIR QUALITY AND GREENHOUSE GAS EMISSIONS IMPACT ASSESSMENT

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October 21, 2015 QIC-03

Stephan Vance San Diego Association of Governments 401 B Street, Suite 800 San Diego, CA 92101

Subject: Air Quality and Greenhouse Gas Emissions Impact Assessment for the San

Diego River Trail Qualcomm Stadium Segment Project

Dear Mr. Vance:

This letter summarizes the air quality and greenhouse gas (GHG) emissions analysis for the San Diego River Trail (SDRT) Qualcomm Stadium Segment Project (project). The San Diego Association of Governments (SANDAG) proposes to construct an approximately 0.8-mile segment of the SDRT through Qualcomm Stadium in the Mission Valley community of the City of San Diego. The proposed Qualcomm Segment of the SDRT would extend eastward from the terminus of Fenton Parkway along a vegetated slope behind the Fenton Marketplace shopping center and through the southern portion of the Qualcomm Stadium parking lot to connect with Rancho Mission Road. The proposed trail would be a constructed as a Class I bikeway, which is a path that provides a separated right-of-way for the exclusive use of people walking and riding bikes. Most of the trail would occur on existing paved surfaces within the stadium parking lot. A barrier, such as portable concrete barriers (K rails) or chain-link fencing would be installed along the trail within the stadium parking area to separate trail users from other activities at the stadium. Some grading would be required along the vegetated slope behind the shopping center in the western extent of the trail. This slope is covered primarily with ornamental vegetation. The San Diego River is located adjacent to the trail on the south; however, the trail would not encroach into the river corridor, but would be entirely within developed areas north of the river.

Emissions were quantified using the Road Construction Emissions Model (Roadway Model) Version, 7.1.5.1, developed by Sacramento Metropolitan Air Quality Management District (SMAQMD). The Roadway Model contains OFFROAD2011 emission factors and EMFAC2011 emission factors from the California Air Resources Board's (CARB's) models for off-road equipment and on-road vehicles, respectively. For modeling purposes, construction of the project is conservatively assumed to occur over the course of two and a half months, starting

in 2016. The quantity, duration, and the intensity of construction activity have an effect on the amount of construction emissions and their related pollutant concentrations that occur at any one time. As such, the emission forecasts provided herein reflect a specific set of conservative assumptions based on the expected construction scenario. Because of this conservative assumption, actual emissions could be less than those forecasted. If construction is delayed or occurs over a longer time period, emissions could be reduced because of (1) a more modern and cleaner burning construction equipment fleet mix, and/or (2) a less intensive buildout schedule (i.e., fewer daily emissions occurring over a longer time interval). A complete listing of the assumptions used in the analysis and model output is provided as Attachment A of this letter.

Air Quality

Consistency with Air Quality Plans

The project site is located within the San Diego Air Basin (SDAB). The San Diego Air Pollution Control District (SDAPCD) manages air quality in the SDAB. Air quality plans applicable to the SDAB include the San Diego Regional Air Quality Strategy (RAQS) and applicable portions of the State Implementation Plan (SIP). The RAQS and SIP outline the SDAPCD's plans and control measures designed to attain state and federal air quality standards. Projects that propose development consistent with the growth anticipated by the applicable general plan(s) are consistent with the RAQS and applicable portions of the SIP. The project is included in Riding to 2050, the San Diego Regional Bicycle Plan (SANDAG 2010), which supports implementation of both the Regional Comprehensive Plan (RCP) and Regional Transportation Plan (RTP) and Sustainable Communities Strategy (SCS; 2030 and 2050), and is, therefore, accounted for in the RAQS and SIP. Operation of the project would not generate substantial air quality emissions since the facility would be used for biking and walking. As a result, it would not conflict with or obstruct implementation of applicable air quality plans. Furthermore, the project would help reduce emissions and promote air quality policies by reducing the reliance on the automobile and encouraging alternative modes of transportation.

Conformance to Federal and State Air Quality Standards

Construction activities associated with the project would generate short-term emissions of reactive organic gas (ROG), oxides of nitrogen (NOx), carbon monoxide (CO), and particulate matter (including both PM_{10} , and $PM_{2.5}$). Emissions would originate from off-road diesel equipment exhaust, employee and material delivery vehicle exhaust, re-entrained paved road dust, fugitive dust from land clearing, and off-gassing from paving activities. Construction was assumed to occur during the calendar year 2016. Table 1 includes the assumed amount of equipment to be used during each activity of project construction. See Attachment A for additional model assumptions.



Table 1 CONSTRUCTION EQUIPMENT ASSUMPTIONS								
Equipment Type per Construction Activity	Number of Pieces ¹	Horsepower ²						
Grubbing/Land Clearing								
Crawler Tractors	1	208						
Excavators	1	163						
Grading/Excavation								
Crawler Tractors	1	208						
Excavators	1	163						
Rollers	1	81						
Rubber Tired Loaders	1	200						
Tractors/Loaders/Backhoes	1	98						
Water Truck	1	NA						
Drainage/Utilities/Subgrade/Retain	ing Walls							
Air Compressors	1	106						
Cement and Mortar Mixers	1	10						
Generator Sets	1	66						
Grader	1	175						
Plate Compactors	1	8						
Pumps	1	53						
Tractors/Loaders/Backhoes	2	98						
Truck Mounted Crane	1	226						
Paving/Barrier Placement								
Pavers	1	126						
Paving Equipment	1	131						
Rollers	1	81						
Tractors/Loaders/Backhoes	1	98						
Truck Mounted Crane	1	226						

Notes:

NA = not available

The project would be required to comply with applicable SDAPCD emissions and fugitive dust standard Best Management Practices (BMPs), such as SDAPCD Rule 55 – Fugitive Dust Control which states that no dust and/or dirt shall leave the property line. Construction is assumed to last approximately 2.5 months and require an average of 15 workers onsite per day with activity occurring 8 hours per day and 5 days per week. An estimate of the maximum daily emissions associated with construction of the project is presented in Table 2. Emissions associated with the project were compared to SDAPCD's "Air Quality Impact Analysis (AQIA) Trigger Levels" as



¹ Amount of equipment was received from Quality Infrastructure Corporation (pers. comm. 2015).

² Equipment horsepower contained in Roadway Model.

contained within SDAPCD Regulation II, Rule 20.2. As shown in Table 2, criteria pollutant emissions associated with project construction would be below the applicable AQIA Trigger Levels.

Table 2 ESTIMATED MAXIMUM DAILY CONSTRUCTION EMISSIONS								
Construction Activity	Pol	lutant En	nissions (p	ounds per o	day)			
Construction Activity	ROG	NOx	CO	PM_{10}	PM _{2.5}			
Grubbing/Land Clearing	1.2	14.8	8.2	6.9	1.9			
Grading/Excavation	2.7	27.9	16.5	7.6	2.5			
Drainage/Utilities/Sub-	4.5	38.5	21.7	8.7	3.5			
Grade/Retaining Wall								
Paving/Barrier Placement	2.4	23.1	13.6	1.3	1.2			
Maximum Daily Emissions	4.5	38.5	21.7	8.7	3.5			
AQIA Trigger Levels	137	250	550	100	55			

Source: Roadway Model emissions modeling by HELIX 2015 (output data is provided in Attachment A).

With the exception of the infrequent operation of maintenance vehicles along the bikeway, the proposed bicycle facility would not be used by motorized vehicles and no other operational emissions would be expected. Thus, operation of the proposed facility would not violate applicable air quality standards or substantially contribute to an existing or projected air quality violation.

Cumulatively Considerable Net Increase

The SDAB is currently classified as nonattainment for the federal- and state-designated criteria pollutants of ozone, PM_{10} , and $PM_{2.5}$ (CARB 2015). As discussed above, emissions from project-related construction activities would be minimal, short-term, and localized. Project operation is anticipated to lower cumulative emissions by encouraging alternative modes of transportation such as walking and biking. The project would, therefore, not result in a cumulatively considerable net increase in criteria pollutants.

Sensitive Receptors

Sensitive receptors are facilities and structures where people live or spend considerable amounts of time and within the project area include residences and schools. The nearest school (Juarez Elementary School) is located approximately 0.75 mile to the north from the nearest proposed construction area. Other public schools are located more than one mile from the project site. The nearest residences include multi-family residential development located approximately 100 feet west of the western end of the segment. Several multi-family residential complexes are located on both sides of Friars Road and east of I-805 in the general vicinity of the project site. However, as discussed above, project construction activities would be minimal, and the project would comply with all SDAPCD emissions and fugitive dust standards. Additionally, as



previously discussed, with the exception of the infrequent operation of maintenance vehicles along the bikeway, operation of the project would not generate direct air quality emissions and would, therefore, not impact sensitive receptors.

Odors

Project construction (specifically, the use of diesel construction equipment and vehicles) could generate odors associated with fuel combustion. However, these odors would dissipate into the atmosphere upon release, and would only temporarily remain in proximity to the construction equipment and vehicles. Potential odors would be temporary and localized within the immediate project vicinity, and would not affect a substantial number of people.

Greenhouse Gas Emissions

Global climate change refers to changes in average climatic conditions on Earth, as a whole, including temperature, wind patterns, precipitation, and storms. Global temperatures are moderated by naturally occurring atmospheric gases, including water vapor, carbon dioxide (CO_2) , methane (CH_4) , and nitrous oxide (N_2O) , as well as hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), and sulfur hexafluoride (SF_6) . These, known as greenhouse gases (GHGs) allow solar radiation (sunlight) into the Earth's atmosphere, but prevent radiative heat from escaping, thus warming the Earth's atmosphere. GHGs are emitted by both natural processes and human activities. Concentrations of GHGs have increased in the atmosphere since the industrial revolution as a result of human activities. Human activities that generate GHG emissions include combustion of fossil fuels $(CO_2$ and $N_2O)$; natural gas generated from landfills, fermentation of manure and cattle farming (CH_4) ; and industrial processes such as nylon and nitric acid production (N_2O) .

Regulations

Assembly Bill (AB) 32, the California Global Warming Solutions Act, established a stated goal of reducing GHG emissions to 1990 levels by the year 2020, which would require a reduction of approximately 30 percent from "business as usual" or forecasted emission levels.

SANDAG has adopted the following planning documents to address regional energy savings and climate change:

- The Climate Action Strategy is a guide on climate change policy and identifies a range of potential policy measures for consideration as SANDAG updates long-term planning documents like the RTP and RCP.
- The Regional Energy Strategy serves as the energy policy blueprint through 2030 to support decision-making as the region strives to meet the energy needs of a growing population and economy while enhancing our quality of life.



• The Sustainable Region Program Action Plan is designed to assist local governments in developing energy management plans and implementing cost-saving energy measures.

SANDAG also works with federal and state energy planning/regulating agencies to help the region attain its energy goals.

The County of San Diego uses 900 metric tons (MT) of carbon dioxide equivalents (CO₂e) per year as its interim threshold. If a project would exceed the annual 900 MT screening threshold, then a potentially significant GHG emissions impact would occur and preparation of a detailed quantitative GHG analysis would be required (County 2015). Thus, 900 MT of CO₂e per year is used in this analysis to determine the potential for significant GHG impacts to occur from the project.

GHG emissions associated with the project include those from construction and operations, as discussed below.

Emissions

Construction emissions would be associated with off-road diesel equipment exhaust, and from worker and truck trips to and from the project site. The primary emissions would be CO_2 from gasoline and diesel combustion, with more limited vehicle tailpipe emissions of N_2O and CH_4 .

It was assumed that construction would occur during the year 2016. Guidance from the County of San Diego recommends amortizing construction emissions over a 50-year period to account for the annual contribution of GHG emissions over a project's lifetime. As shown in Table 3, amortized construction emissions would be substantially below the 900 MT of CO₂ equivalents (CO₂e) screening level threshold.

Table 3 CONSTRUCTION GHG EMISSIONS (MT/yr)						
Construction Activity	CO ₂ e					
Grubbing/Land Clearing	4					
Grading/Excavation	35					
Drainage/Utilities/Sub-Grade/Retaining Wall	42					
Paving/Barrier Placement	6					
TOTAL	87					
Amortized Construction Emissions	2					
County of San Diego Threshold	900					

Source: Roadway Model emissions modeling by HELIX 2015 (output data is provided in Attachment A).



The project could result in operational emissions associated with production of energy consumed by potential lighting installed along the bikeway and the operation of maintenance vehicles along the bikeway; these emissions, however, would be very minor, as any lighting proposed for this project would be minimal and maintenance activities would be infrequent. Additionally, the project would encourage the use of bicycles and walking as alternatives to driving, and, thus, is anticipated to result in a net decrease in GHG emissions over the project's lifetime.

Consistency with Applicable Plans

The project would not constitute a significant source of GHG emissions, and would aid in the reduction of regional GHG emissions through encouraging alternative transportation. As such, the project would be consistent with SANDAG's *Climate Action Strategy*, *Regional Energy Strategy*, and *Sustainable Region Program Action Plan*; all of which obtain goals associated with the reduction of transportation-related GHG emissions through reducing regional vehicle miles traveled and automobile reliance, as well as promoting walking and bicycling as viable transportation alternatives. Additionally, as discussed previously under *Consistency with Air Quality Plans*, the project would also be consistent with the RTP/SCS, which is the regional transportation planning document that includes future transportation projects (this project included) and addresses how the region will reduce GHG emissions to state-mandated levels over time. Implementation of the project would, therefore, not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs.

Summary

The project would result in construction emissions of criteria pollutants and GHGs; however emissions would not exceed applicable AQIA Trigger Levels or the GHG screening level threshold. Operational GHG emissions could result from proposed lighting and maintenance of the facility; however these emissions would be negligible, and would be offset by the project's anticipated net decrease in emissions through encouraging alternative modes of transportation. As such, the project would support regional goals to improve air quality and reduce GHG emissions by reducing the reliance on the automobile. No mitigation measures are recommended.

Sincerely,

Victor Ortiz

Air Quality Specialist



Attachment

Attachment A: Roadway Model Emissions

References

- California Air Resources Board (CARB). 2015. *Area Designations: Activities and Maps*. Available: http://www.arb.ca.gov/desig/adm/adm.htm. Accessed July 2015.
- California Air Pollution Control Officers Association (CAPCOA). 2008. CEQA & Climate Change: Evaluating and Addressing Greenhouse Gas Emissions from Projects Subject to the California Environmental Quality Act. January. Available at: http://www.capcoa.org/wp-content/uploads/2012/03/CAPCOA-White-Paper.pdf.
- Quality Infrastructure Corporation. 2015. Email communication between Bradbury, K. and Belzman, T. of HELIX Environmental Planning, Inc. June 29.
- San Diego Association of Governments (SANDAG). 2010. Riding to 2050, the San Diego Regional Bicycle Plan.



Attachment A

Road Construction Emissions Model, Version 7.1.5.1

Emission Estimates for	Emission Estimates for -> SDRT Qualcomm Segment			Total	Exhaust	Fugitive Dust	Total	Exhaust	Fugitive Dust	
Project Phases (English Units)	ROG (lbs/day)	CO (lbs/day)	NOx (lbs/day)	PM10 (lbs/day)	PM10 (lbs/day)	PM10 (lbs/day)	PM2.5 (lbs/day)	PM2.5 (lbs/day)	PM2.5 (lbs/day)	CO2 (lbs/day)
Grubbing/Land Clearing	1.2	8.2	14.8	6.9	0.6	6.3	1.9	0.6	1.3	1,743.3
Grading/Excavation	2.7	16.5	27.9	7.6	1.4	6.3	2.5	1.2	1.3	3,515.2
Drainage/Utilities/Sub-Grade	4.5	21.7	38.5	8.7	2.4	6.3	3.5	2.2	1.3	4,168.7
Paving	2.4	13.6	23.1	1.3	1.3	-	1.2	1.2	-	2,569.7
Maximum (pounds/day)	4.5	21.7	38.5	8.7	2.4	6.3	3.5	2.2	1.3	4,168.7
Total (tons/construction project)	0.1	0.5	0.8	0.2	0.0	0.1	0.1	0.0	0.0	96.4

Notes: Project Start Year -> 2016
Project Length (months) -> 3
Total Project Area (acres) -> 3
Maximum Area Disturbed/Day (acres) -> 1
Total Soil Imported/Exported (yd³/day)-> 0

PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified.

Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns H and I. Total PM2.5 emissions shown in Column J are the sum of exhaust and fugitive dust emissions shown in columns K and L.

Emission Estimates for -	Emission Estimates for -> SDRT Qualcomm Segment			Total	Exhaust	Fugitive Dust	Total	Exhaust	Fugitive Dust	
Project Phases (Metric Units)	ROG (kgs/day)	CO (kgs/day)	NOx (kgs/day)	PM10 (kgs/day)	PM10 (kgs/day)	PM10 (kgs/day)	PM2.5 (kgs/day)	PM2.5 (kgs/day)	PM2.5 (kgs/day)	CO2 (kgs/day)
Grubbing/Land Clearing	0.6	3.7	6.7	3.1	0.3	2.8	0.8	0.3	0.6	792.4
Grading/Excavation	1.2	7.5	12.7	3.5	0.6	2.8	1.1	0.6	0.6	1,597.8
Drainage/Utilities/Sub-Grade	2.1	9.9	17.5	4.0	1.1	2.8	1.6	1.0	0.6	1,894.9
Paving	1.1	6.2	10.5	0.6	0.6	-	0.5	0.5	-	1,168.0
Maximum (kilograms/day)	2.1	9.9	17.5	4.0	1.1	2.8	1.6	1.0	0.6	1,894.9
Total (megagrams/construction project)	0.1	0.4	0.8	0.2	0.0	0.1	0.1	0.0	0.0	87.4

Notes: Project Start Year -> 2016
Project Length (months) -> 3
Total Project Area (hectares) -> 1
Maximum Area Disturbed/Day (hectares) -> 0
Total Soil Imported/Exported (meters³/day)-> 0

PM10 and PM2.5 estimates assume 50% control of fugitive dust from watering and associated dust control measures if a minimum number of water trucks are specified.

Total PM10 emissions shown in column F are the sum of exhaust and fugitive dust emissions shown in columns H and I. Total PM2.5 emissions shown in Column J are the sume of exhaust and fugitive dust emissions shown in columns K and

Road Construction Emissions Model Data Entry Worksheet

Version 7.1.5.1

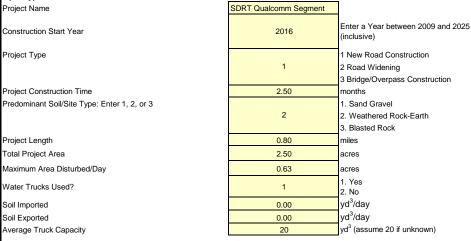
Note: Required data input sections have a yellow background.

Optional data input sections have a blue background. Only areas with a

yellow or blue background can be modified. Program defaults have a white background.

The user is required to enter information in cells C10 through C25.







To begin a new project, click this button to clear data previously entered. This button will only work if you opted not to disable macros when loading this spreadsheet.

The remaining sections of this sheet contain areas that can be modified by the user, although those modifications are optional.

Note: The program's estimates of construction period phase length can be overridden in cells C34 through C37.

		Program
	User Override of	Calculated
Construction Periods	Construction Months	Months
Grubbing/Land Clearing	0.25	0.25
Grading/Excavation	1.00	1.13
Drainage/Utilities/Sub-Grade	1.00	0.75
Paving	0.25	0.38
Totals	2.50	2.50

2005	%	2006	%	2007	%
0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00
0.00	0.00	0.00	0.00	0.00	0.00

NOTE: soil hauling emissions are included in the Grading/Excavation Construction Period Phase, therefore the Construction Period for Grading/Excavation cannot be zero if hauling is part of the project.

Hauling emission default values can be overridden in cells C45 through C46.

Soil Hauling Emissions	User Override of						
User Input	Soil Hauling Defaults	Default Values					
Miles/round trip		30					
Round trips/day		0					
Vehicle miles traveled/day (calculated)			0				
			•				
Hauling Emissions	ROG	NOx	СО	PM10	PM2.5	CO2	
Emission rate (grams/mile)	0.16	8.25	0.70	0.17	0.10	1679.86	
Emission rate (grams/trip)	0.00	0.00	0.00	0.00	0.00	0.00	
Pounds per day	0.00	0.00	0.00	0.00	0.00	0.00	
Tons per contruction period	0.00	0.00	0.00	0.00	0.00	0.00	

Worker commute default values can be overridden in cells C60 through C65.

	User Override of Worker		_			
Worker Commute Emissions	Commute Default Values	Default Values				
Miles/ one-way trip		20				
One-way trips/day		2		1		
No. of employees: Grubbing/Land Clearing		5				
No. of employees: Grading/Excavation		18				
No. of employees: Drainage/Utilities/Sub-Grade		15				
No. of employees: Paving		11	ı	1		
	ROG	NOx	-			
Emission rate - Grubbing/Land Clearing (grams/mile)	0.147	0.194		1.744	1.744 0.047	1.744 0.047 0.020
Emission rate - Grading/Excavation (grams/mile)	0.147	0.194		1.744	1.744 0.047	1.744 0.047 0.020
Emission rate - Draining/Utilities/Sub-Grade (gr/mile)	0.147	0.194		1.744	1.744 0.047	1.744 0.047 0.020
Emission rate - Paving (grams/mile)	0.147	0.194		1.744	1.744 0.047	1.744 0.047 0.020
Emission rate - Grubbing/Land Clearing (grams/trip)	0.505	0.323		4.200	4.200 0.004	4.200 0.004 0.003
Emission rate - Grading/Excavation (grams/trip)	0.505	0.323		4.200	4.200 0.004	4.200 0.004 0.003
Emission rate - Draining/Utilities/Sub-Grade (gr/trip)	0.505	0.323		4.200	4.200 0.004	4.200 0.004 0.003
Emission rate - Paving (grams/trip)	0.505	0.323		4.200	4.200 0.004	4.200 0.004 0.003
Pounds per day - Grubbing/Land Clearing	0.076	0.093		0.861	0.861 0.021	0.861 0.021 0.009
Tons per const. Period - Grub/Land Clear	0.000	0.000		0.002	0.002 0.000	0.002 0.000 0.000
Pounds per day - Grading/Excavation	0.266	0.324		3.013	3.013 0.073	3.013 0.073 0.031
Tons per const. Period - Grading/Excavation	0.003	0.004		0.033	0.033 0.001	0.033 0.001 0.000
Pounds per day - Drainage/Utilities/Sub-Grade	0.228	0.278		2.582	2.582 0.062	2.582 0.062 0.026
Tons per const. Period - Drain/Util/Sub-Grade	0.003	0.003		0.028	0.028 0.001	0.028 0.001 0.000
Pounds per day - Paving	0.171	0.208		1.937	1.937 0.047	1.937 0.047 0.020
Tons per const. Period - Paving	0.000	0.001		0.005	0.005 0.000	0.005 0.000 0.000
tons per construction period	0.006	0.007		0.069	0.069 0.002	0.069 0.002 0.001

Water truck default values can be overriden in cells C91 through C93 and E91 through E93.

Water Truck Emissions	User Override of Default # Water Trucks	Program Estimate of Number of Water Trucks	User Override of Truck Miles Traveled/Day	Default Values Miles Traveled/Day			
Grubbing/Land Clearing - Exhaust		1		40			
Grading/Excavation - Exhaust		1		40			
Drainage/Utilities/Subgrade		1		40			
	ROG	NOx	со	PM10	PM2.5	CO2	
Emission rate - Grubbing/Land Clearing (grams/mile)	0.16	8.25	0.70	0.17	0.10	1679.86	
Emission rate - Grading/Excavation (grams/mile)	0.16	8.25	0.70	0.17	0.10	1679.86	
Emission rate - Draining/Utilities/Sub-Grade (gr/mile)	0.16	8.25	0.70	0.17	0.10	1679.86	
Pounds per day - Grubbing/Land Clearing	0.01	0.73	0.06	0.01	0.01	148.00	
Tons per const. Period - Grub/Land Clear	0.00	0.00	0.00	0.00	0.00	0.41	
Pound per day - Grading/Excavation	0.01	0.73	0.06	0.01	0.01	148.00	
Tons per const. Period - Grading/Excavation	0.00	0.01	0.00	0.00	0.00	1.63	
Pound per day - Drainage/Utilities/Subgrade	0.01	0.73	0.06	0.01	0.01	148.00	
Tons per const. Period - Drainage/Utilities/Subgrade	0.00	0.01	0.00	0.00	0.00	1.63	

Fugitive dust default values can be overridden in cells C110 through C112.

Fugitive Dust	User Override of Max	Default	PM10	PM10	PM2.5	PM2.5
r ugitive Bust	Acreage Disturbed/Day	Maximum Acreage/Day	pounds/day	tons/per period	pounds/day	tons/per period
Fugitive Dust - Grubbing/Land Clearing		0.625	6.3	0.0	1.3	0.0
Fugitive Dust - Grading/Excavation		0.625	6.3	0.1	1.3	0.0
Fugitive Dust - Drainage/Utilities/Subgrade		0.625	6.3	0.1	1.3	0.0

Off-Road Equipment Emissions								
	Default							
Grubbing/Land Clearing	Number of Vehicles		ROG	co	NOx	PM10	PM2.5	CO
Override of Default Number of Vehicles	Program-estimate	Туре	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day	pounds/da
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
		Cranes	0.00	0.00	0.00	0.00	0.00	0.00
	1	Crawler Tractors	0.74	4.47	9.52	0.37	0.34	824.89
	· ·	Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	1	Excavators	0.41	2.79	4.47	0.22		572.86
	·	Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
		Graders	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Pavers	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Plate Compactors	0.00	0.00	0.00	0.00	0.00	0.00
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
		Rollers	0.00	0.00	0.00	0.00	0.00	0.00
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Scrapers	0.00	0.00	0.00	0.00	0.00	0.00
0.00	2	Signal Boards	0.00	0.00	0.00	0.00	0.00	0.00
	_	Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
		Tractors/Loaders/Backhoes	0.00	0.00	0.00	0.00	0.00	0.00
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Grubbing/Land Clearing	pounds per day	1.1	7.3	14.0	0.6		1397.
	Grubbing/Land Clearing	tons per phase	0.0	0.0	0.0	0.0	0.0	3.

	Default							
Grading/Excavation	Number of Vehicles		ROG	CO	NOx	PM10	PM2.5	CO2
Override of Default Number of Vehicles	Program-estimate	Туре	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
	0	Cranes	0.00	0.00	0.00	0.00	0.00	0.00
	1	Crawler Tractors	0.74	4.47	9.52	0.37	0.34	824.89
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
1.00	3	Excavators	0.41	2.79	4.47	0.22	0.20	572.86
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
0.00	1	Graders	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Pavers	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Plate Compactors	0.00	0.00	0.00	0.00	0.00	0.00
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
1.00	2	Rollers	0.35	1.51	3.09	0.23	0.21	279.53
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
	1	Rubber Tired Loaders	0.52	3.12	6.51	0.22	0.20	662.62
0.00	2	Scrapers	0.00	0.00	0.00	0.00	0.00	0.00
0.00	2	Signal Boards	0.00	0.00	0.00	0.00	0.00	0.00
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
1.00	2	Tractors/Loaders/Backhoes	0.36	1.57	3.27	0.25	0.23	335.92
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
		·						
	Grading/Excavation	pounds per day	2.4	13.5	26.9	1.3	1.2	2675.8
	Grading	tons per phase	0.0	0.1	0.3	0.0	0.0	29.4

	Default							
Drainage/Utilities/Subgrade	Number of Vehicles		ROG	CO	NOx	PM10	PM2.5	CO2
Override of Default Number of Vehicles	Program-estimate		pounds/day	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
	1	Air Compressors	0.68	3.42	4.38	0.37	0.34	507.95
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
1.00		Cement and Mortar Mixers	0.07	0.35	0.42	0.02	0.02	57.88
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
1.00		Cranes	0.75	3.00	8.48	0.38	0.35	601.74
		Crawler Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Excavators	0.00	0.00	0.00	0.00	0.00	0.00
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
	1	Generator Sets	0.51	2.98	3.86	0.27	0.25	487.07
	1	Graders	1.07	3.48	10.38	0.58	0.54	671.02
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Pavers	0.00	0.00	0.00	0.00	0.00	0.00
		Paving Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	1	Plate Compactors	0.04	0.21	0.25	0.01	0.01	34.45
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
	1	Pumps	0.44	2.47	3.19	0.23	0.22	396.14
		Rollers	0.00	0.00	0.00	0.00	0.00	0.00
0.00	1	Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Loaders	0.00	0.00	0.00	0.00	0.00	0.00
0.00	2	Scrapers	0.00	0.00	0.00	0.00	0.00	0.00
0.00	2	Signal Boards	0.00	0.00	0.00	0.00	0.00	0.00
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
	2	Tractors/Loaders/Backhoes	0.72	3.15	6.54	0.50	0.46	671.85
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Drainage	pounds per day	4.3	19.1	37.5	2.4	2.2	3428.1
	Drainage	tons per phase	0.0	0.2	0.4	0.0	0.0	37.7

	Default							
Paving	Number of Vehicles		ROG	CO	NOx	PM10	PM2.5	CO2
Override of Default Number of Vehicles	Program-estimate	Туре	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day	pounds/day
		Aerial Lifts	0.00	0.00	0.00	0.00	0.00	0.00
		Air Compressors	0.00	0.00	0.00	0.00	0.00	0.00
		Bore/Drill Rigs	0.00	0.00	0.00	0.00	0.00	0.00
		Cement and Mortar Mixers	0.00	0.00	0.00	0.00	0.00	0.00
		Concrete/Industrial Saws	0.00	0.00	0.00	0.00	0.00	0.00
1.00		Cranes	0.75	3.00	8.48	0.38	0.35	601.74
		Crawler Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Crushing/Proc. Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Excavators	0.00	0.00	0.00	0.00	0.00	0.00
		Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Generator Sets	0.00	0.00	0.00	0.00	0.00	0.00
		Graders	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Tractors	0.00	0.00	0.00	0.00	0.00	0.00
		Off-Highway Trucks	0.00	0.00	0.00	0.00	0.00	0.00
		Other Construction Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other General Industrial Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Other Material Handling Equipment	0.00	0.00	0.00	0.00	0.00	0.00
	1	Pavers	0.42	2.84	4.49	0.22	0.21	481.68
	1	Paving Equipment	0.32	2.69	3.53	0.18	0.16	426.30
		Plate Compactors	0.00	0.00	0.00	0.00	0.00	0.00
		Pressure Washers	0.00	0.00	0.00	0.00	0.00	0.00
		Pumps	0.00	0.00	0.00	0.00	0.00	0.00
1.00	3	Rollers	0.35	1.51	3.09	0.23	0.21	279.53
		Rough Terrain Forklifts	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Dozers	0.00	0.00	0.00	0.00	0.00	0.00
		Rubber Tired Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Scrapers	0.00	0.00	0.00	0.00	0.00	0.00
0.00	2	Signal Boards	0.00	0.00	0.00	0.00	0.00	0.00
		Skid Steer Loaders	0.00	0.00	0.00	0.00	0.00	0.00
		Surfacing Equipment	0.00	0.00	0.00	0.00	0.00	0.00
		Sweepers/Scrubbers	0.00	0.00	0.00	0.00	0.00	0.00
1.00	2	Tractors/Loaders/Backhoes	0.36	1.57	3.27	0.25	0.23	335.92
		Trenchers	0.00	0.00	0.00	0.00	0.00	0.00
		Welders	0.00	0.00	0.00	0.00	0.00	0.00
	Paving	pounds per day	2.2	11.6	22.9	1.3	1.2	2125.2
	Paving	tons per phase	0.0	0.0	0.1	0.0	0.0	5.8
Total Emissions all Phases (tons per construction perio	od) =>		0.1	0.4	0.8	0.0	0.0	76.8

Equipment default values for horsepower and hours/day can be overridden in cells C289 through C322 and E289 through E322.

	Default Values	Default Values	
Equipment	Horsepower	Hours/day	
Aerial Lifts	63	8	
Air Compressors	106	8	
Bore/Drill Rigs	206	8	
Cement and Mortar Mixers	10	8	
Concrete/Industrial Saws	64	8	
Cranes	226	8	
Crawler Tractors	208	8	
Crushing/Proc. Equipment	142	8	
Excavators	163	8	
Forklifts	89	8	
Generator Sets	66	8	
Graders	175	8	
Off-Highway Tractors	123	8	
Off-Highway Trucks	400	8	
Other Construction Equipment	172	8	
Other General Industrial Equipment	88	8	
Other Material Handling Equipment	167	8	
Pavers	126	8	
Paving Equipment	131	8	
Plate Compactors	8	8	
Pressure Washers	26	8	
Pumps	53	8	
Rollers	81	8	
Rough Terrain Forklifts	100	8	
Rubber Tired Dozers	255	8	
Rubber Tired Loaders	200	8	
Scrapers	362	8	
Signal Boards	20	8	
Skid Steer Loaders	65	8	
Surfacing Equipment	254	8	
Sweepers/Scrubbers	64	8	
Tractors/Loaders/Backhoes	98	8	
Trenchers	81	8	
Welders	45	8	

Appendix B

BIOLOGICAL RESOURCES LETTER REPORT

HELIX Environmental Planning, Inc.

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October 21, 2015 QIC-03

Stephan Vance San Diego Association of Governments 401 B Street, Suite 800 San Diego, CA 92101

Subject: Biological Resources Letter Report for the San Diego River Trail

Qualcomm Stadium Segment Project

Dear Mr. Vance:

HELIX Environmental Planning, Inc. (HELIX) has prepared this letter report to document the findings of a biological resources technical study for the proposed San Diego River Trail (SDRT) Qualcomm Stadium Segment Project (project) located in San Diego, California. This letter briefly summarizes the methods, results, and recommendations from a general biological survey and includes a concise impact analysis for the proposed project.

INTRODUCTION

Project Location

The project site is located in the Mission Valley community in the City of San Diego primarily just south of Qualcomm Stadium and Friars Road, northwest of the Intestate 15 (I-15)/I-8 interchange and adjacent to the San Diego River. The site is located within an unsectioned portion of Township 16 South, Range 2 West, on the U.S. Geological Survey (USGS) 7.5' La Mesa and La Jolla quadrangles (Figures 1 and 2).

Project Description

The San Diego Association of Governments (SANDAG) proposes to construct an approximately 0.8-mile segment of SDRT through Qualcomm Stadium in the Mission Valley community of the City of San Diego. The proposed Qualcomm Segment of the SDRT would extend eastward from the terminus of Fenton Parkway along a vegetated slope behind the Fenton Marketplace shopping center and through the southern portion of the Qualcomm Stadium parking lot to connect with Rancho Mission Road. The proposed trail would be a constructed as a Class I

bikeway, which is a path that provides a separated right-of-way for the exclusive use of people walking and riding bikes. Most of the trail would occur on existing paved surfaces within the stadium parking lot. A barrier, such as portable concrete barriers or chain-link fencing) would be installed along the trail within the stadium parking area to separate trail users from other activities at the stadium. Some grading would be required along the vegetated slope behind the shopping center in the western extent of the trail. This slope is covered primarily with ornamental vegetation. The San Diego River is located adjacent to the trail on the south; however, the trail would not encroach into the river corridor, but would be entirely within developed areas north of the river.

METHODS

Prior to conducting fieldwork, HELIX performed a review of aerial imagery (Google 2015), topographic maps (USGS 1996), soils maps (USDA 2015), and maps from the San Diego Subarea Plan (SAP) (City of San Diego Public Utilities 2013) and SanGIS/SANDAG (SANDAG 2013). Database applications reviewed included the California Department of Fish and Wildlife (CDFW), California Natural Diversity Database (CNDDB; CDFW 2015), California Native Plant Society (CNPS) Inventory of Endangered and Rare Plants (CNPS 2010), and the United States Fish and Wildlife Service (USFWS) Critical Habitat Portal (USFWS 2015a, 2015b). The pre-survey investigation also included a review of the SanGIS/SANDAG Parcel Lookup map (SanGIS 2015), in addition to a vegetation communities map compiled by City of San Diego Public Utilities (City of San Diego PUD 2013, SANDAG 2013).

HELIX's biologist Benjamin Rosenbaum performed an initial general biological resources survey of the project site on July 14, 2015 in order to assess existing vegetation communities and habitat types; evaluate the potential for sensitive plant and animal species to occur; and identify other sensitive biological resource constraints associated with the project site and the immediate vicinity, such as potential jurisdictional waterways and wetlands. HELIX biologist Karl Osmundson performed a follow-up general biological survey on August 19, 2015, which specifically targeted portions of the site being considered for a potential construction staging area. All plant and animal species observed or otherwise detected during the surveys were recorded in a field notebook. Vegetation communities were generally classified according to Holland (1986) and Oberbauer *et al.* (2008). Plant species names generally follow Baldwin *et al.* (2012). Animal species names follow nomenclature from the CDFW (CDFW 2008).

APPLICABLE REGULATIONS

Based on the findings of this report, activities affecting the biological resources determined to exist or have the potential to exist within the project site could be subject to the federal, State, and local regulations discussed below.



Letter to Mr. Stephen Vance October 21, 2015

Federal

Federal Endangered Species Act

The Federal Endangered Species Act (ESA) (7 United States Code (USC) 136; 16 USC 460 et seq. [1973]) extends legal protection to plants and animals listed as endangered or threatened and gives authorization to the USFWS to review proposed federal actions to assess potential impacts to species listed as endangered or threatened. The ESA prohibits the unauthorized "taking" of a federally listed species.

"Taking" of a threatened or endangered species is deemed to occur when an intentional or negligent act or omission results in any of the following actions: "to harass, harm, pursue, hunt, shoot, kill, trap, capture, or collect, or attempt to engage in any such conduct." Such acts may include significant habitat modification or degradation if it results in death or injury. Likewise, import, export, interstate, and foreign commerce of listed species are all prohibited. Sections 7 and 10 of the ESA permit "incidental take" of a listed species via a federal or private action, respectively, through formal consultation with the USFWS. In lieu of a separate Section10a Permit, an applicant may be included in a local Habitat Conservation Plan (HCP).

Clean Water Act

The Federal Water Pollution Control Act, more commonly known as the Clean Water Act (CWA) (33 USC ss/1251 et seq. [1977]), establishes the basic structure for regulating discharges of pollutants into the waters of the United States and is the primary regulatory body affecting wetlands. The objective of the CWA is to restore and maintain the chemical, physical, and biological integrity of the Nation's waters. The CWA gives the United States Environmental Protection Agency (USEPA) authority to implement pollution control programs, set water quality standards for all contaminants in surface waters, and to address nonpoint source pollution. The CWA makes it illegal for any person to discharge pollutants into navigable waters, unless a permit is first obtained.

Section 404 of the CWA regulates the discharge of dredged or fill material into navigable waters and defines standards under which these types of activities may be permitted. The U.S. Army Corps of Engineers (USACE) regulates impacts to Waters of the U.S. (WUS) under Section 404 of the Clean Water Act (CWA; 33 U.S.C. 401 et seq.; 33 U.S.C. 1344; U.S.C. 1413; and Department of Defense, Department of the Army, Corps of Engineers 33 CFR Part 323). The purpose of the CWA is to restore and maintain the chemical, physical, and biological integrity of all WUS. A federal CWA Section 404 Permit would be required for a project to place fill in WUS. A CWA Section 401 Water Quality Certification administered by the Regional Water Quality Control Board (RWQCB) must be issued prior to issuance of a Section 404 Permit.

Migratory Bird Treaty Act

All migratory bird species that are native to the United States or its territories are protected under the federal Migratory Bird Treaty Act (MBTA) as amended under the Migratory Bird Treaty



Reform Act of 2004 (FR Doc. 05-5127). The MBTA is generally protective of migratory birds but does not actually stipulate the type of protection required. Under the MBTA, it is illegal for anyone to take, possess, import, export, transport, sell, purchase, barter, or offer for sale, purchase, or barter, any migratory bird, or the parts, nests, or eggs of such a bird except under the terms of a valid permit issued pursuant to Federal regulations.

State

California Endangered Species Act

Similar to the federal ESA, the California Endangered Species Act (CESA) along with the Native Plant Protection Act authorizes the CDFW to designate, protect, and regulate the taking of special-status species in the State of California. Special-status species are those designated by the State as endangered, threatened or species of concern. CESA defines endangered as those species whose continued existence in California is jeopardized. State-listed threatened species are those not presently threatened with extinction, but which may become endangered if their environments change or deteriorate. Most "species of concern" are species whose breeding populations in California may face local extirpation. To avoid the future need to list these species as endangered or threatened, the CDFW recommends consideration of these species, which do not as yet have any legal status, during analysis of the impacts of proposed projects.

California Environmental Quality Act

Primary environmental legislation in California is found in the California Environmental Quality Act (CEQA) and its implementing guidelines (State CEQA Guidelines), requiring that projects with potential adverse effects or impacts on the environment undergo environmental review. Adverse impacts to the environment are typically mitigated as a result of the environmental review process in accordance with existing laws and regulations.

Although threatened and endangered species are protected by specific federal and state statutes, CEQA Guidelines Section 15380(d) provides that a species not listed on the federal or state list of protected species may be considered rare or endangered if the species can be shown to meet certain specified criteria. These criteria have been modeled after the definition in ESA and the section of the California Fish and Game Code dealing with rare or endangered plants and animals. CEQA Guideline Section 15380(d) allows a public agency to undertake a review to determine if a significant effect would occur on species that have not yet been listed by either the USFWS or CDFW (i.e., species of concern). Thus, if warranted under special circumstances, CEQA provides an agency with the ability to protect a species from a project's potential impacts until the respective government agencies have an opportunity to designate the species as formally protected.

Pursuant to the requirements of CEQA, an agency reviewing a proposed project within its jurisdiction must determine whether any state-listed endangered or threatened species may be present in the project area and determine whether the proposed project will have a potentially significant impact on such species.



Letter to Mr. Stephen Vance October 21, 2015

California Fish and Game Code

The California Fish and Game (CFG) Code regulates the taking or possession of birds, mammals, fish, amphibians, and reptiles, as well as natural resources such as wetlands and waters of the state. Pursuant to CFG Code Section 3503, it is unlawful to take, possess, or needlessly destroy the nest or eggs of any bird, except as otherwise provided by the code or any regulation made pursuant thereto. Raptors (birds of prey) and owls and their active nests are protected by CFG Code Section 3503.5, which states that it is unlawful to take, possess, or destroy any birds of prey or to take, possess, or destroy the nest or eggs of any such bird unless authorized by the CDFW. In common practice, CDFW places timing restrictions on clearing of potential nesting habitat (e.g., vegetation), as well as restrictions on disturbances allowed near active raptor nests.

Local

San Diego Multiple Species Conservation Program Subarea Plan

In July 1997, the United States Fish and Wildlife Service (USFWS), California Department of Fish and Game (CDFG; currently known as CDFW), and City adopted the Multiple Species Conservation Program (MSCP) Implementing Agreement (City 1997), which allows incidental take of threatened and endangered species as well as other sensitive species conserved by the MSCP (covered species). The City's MSCP covers 85 plant and animal species, 15 of which are also listed as narrow endemic species that have restricted geographic distributions, soil affinities, and/or habitats. Under the MSCP, impacts to Narrow Endemic Species are to be avoided to the maximum extent practicable.

The MSCP designates regional preserves (MHPAs) that are intended to be mostly void of development activities while allowing development of other areas subject to program requirements. The project site is located outside the MHPA; however, it is adjacent to the MHPA, south of the proposed project site along the San Diego River. SANDAG is not a signatory to the MSCP.

RESULTS

HELIX's qualified biologist Benjamin Rosenbaum performed a general biological survey within accessible portions of the Biological Study Area (BSA) on July 14, 2015. A follow-up survey targeting a potential staging area was conducted by HELIX biologist Karl Osmundson on August 19, 2015. The portion of the BSA on private property owned by Lowes (on a portion of the vegetated slope in the western extent of the BSA) was not accessed because permission to enter this area was not granted by the property owner. Assessment of this area was conducted from the adjacent parcel and from aerial imagery. Physical access to the portion of the BSA within the stadium, including the recycling center and parking lot, were not physically accessed because these areas are entirely developed and lack vegetation. Assessment of this developed area of the BSA was conducted from adjacent areas and from aerial imagery. In addition, a potential staging area is located just east of the project site underneath an I-15 overpass (refer to Figure 2). This staging area is a Caltrans yard that has been graded in the past and could not be



directly accessed due to a chain link fence and locked gate. Assessment of the potential staging areas was conducted from the sidewalk (at the fence) and from aerial imagery. The BSA encompasses approximately 54.9 acres and includes the proposed alignment and a buffer of generally approximately 100 feet to the north within the Qualcomm Stadium parking lot and the San Diego River corridor adjacent to the proposed alignment. Table 1 below provides a summary of the conditions encountered during the survey.

Table 1 SURVEY TIMES AND CONDITIONS						
DATE	TIME	SURVEYOR	CONDITIONS	SURVEY		
7/14/15	1100-1300	Benjamin	Clear, 72°F-75°F,	General Biological		
		Rosenbaum	wind 0-1 mph	Survey		
8/19/15	1130-1230	Karl	Clear, 76°F,	General Biological		
	Osmundson wind 0-1 mph Survey of the potential					
				staging area		

^{*}F = Fahrenheit, mph = miles per hour

Vegetation Communities/Habitat Types

In addition to developed land, the BSA is characterized by southern riparian woodland and non-native vegetation (Figure 3). A description of each vegetation community or land use type is provided below, which includes a discussion of plant species observed during the general biological survey. Table 2 provides a summary of the existing vegetation communities found to occur within the BSA, as well as project impacts (temporary and permanent) to these vegetation communities.

Table 2 VEGETATION COMMUNITIES WITHIN THE BSA AND PROJECT IMPACTS							
VEGETATION COMMUNITY	BSA	IMPACTS (acres)					
(HOLLAND CODE)	(acres)	Temporary	Permanent				
Wetland Habitats							
Southern Riparian Woodland (SRW)	32.2	0	0				
Upland Habitats							
Non-Native Vegetation (NNV)	1.4	0	0.3				
Disturbed Habitat	0.5	0	0.5				
Urban/Developed	20.8	0.1	1.6				
TOTAL	54.9	0.1	2.4				



Southern Riparian Woodland

Southern riparian woodland is a sensitive habitat type, and includes areas in which there are dense riparian forests that cannot be differentiated from other riparian categories. Typical vegetation within southern riparian forests includes a high predominance of sycamore (*Platanus racemosa*), cottonwood (*Populus* spp.), and many other wetland plants.

Southern riparian woodland is the predominant habitat type within the BSA and occurs primarily within the adjacent San Diego River corridor. Southern riparian woodland also occurs in a small patch on the slope north of the bike trail adjacent to the Ikea parking lot, and has an acreage of 0.18. Plant species observed within the southern riparian forest within the BSA included a predominance of cottonwood, red willow (*Salix laevigata*), arroyo willow (*Salix lasiolepis*), and mule fat (*Baccharis salicifolia*). Non-native plants such as eucalyptus (*Eucalyptus* spp.), fennel (*Foeniculum* vulgare), castor bean (*Ricinus communis*), and Mexican fan palm (*Washingtonia robusta*) were also present, but in a lower percent cover than the dominant native plants.

As identified in Table 2, no impacts to southern riparian habitat would occur. Refer also to Figure 3 for project impacts.

Non-Native Vegetation

Non-native vegetation includes areas dominated by one or few naturalized, non-native (usually invasive) species and is not considered a sensitive vegetation community. Typical species forming patches of non-native vegetation include hottentot fig (*Carpobrotus edulis*), Peruvian pepper (*Shinus molle*), Brazlilian pepper (*Schinus terebinthifolius*), acacia (*Acacia spp.*), and pampass grass (*Cortaderia selloana*).

Non-native vegetation is a secondary habitat type within the BSA and occurs primarily on the vegetated slope behind the Fenton Marketplace shopping center, although a small area occurs on the south side of the San Diego River corridor. The areas consist of upland habitat characterized by ornamental landscaping. Disturbance from regular maintenance, foot traffic, trash and debris, and use by domestic pets was also evident. Plant species observed within the non-native vegetation community included acacia, wild oat (*Avena* spp.), pampass grass, weedy cudweed (*Gnaphalium luteo-album*), and Japanese honeysuckle (*Lonicera japonica*).

The areas characterized by non-native vegetation within the BSA provide very low biological function and value. They do not support the vegetative composition of a typical non-native grassland or provide the biological functions of a grassland habitat type. They do not provide suitable habitat for rare plants due to lack of suitable soils, high levels of disturbance, and strong predominance of non-native species.

As identified in Table 2, the project would permanently impact a total of 0.3 acre of non-native vegetation. Refer also to Figure 3.



Disturbed Habitat

Disturbed habitat is a non-native upland habitat type that includes areas in which there is sparse vegetative cover and where there is evidence of soil surface disturbance and compaction from previous human activity and/or the presence of building foundations and debris. Vegetation within disturbed habitat has a high predominance of non-native plant species, including exotic species recruited to the area from adjacent ornamental landscaped areas and/or ruderal (weedy) annual species that are indicators of disturbance, such as Russian thistle (*Salsola tragus*), filaree (*Erodium* sp.), garland daisy (*Glebionis coronaria*), telegraph weed (*Heterotheca grandiflora*), horehound (*Marrubium vulgare*), and sow-thistle (*Sonchus oleraceus*), among others.

Disturbed habitat within the BSA occurs in the potential staging just east of the project site and under I-15 structures and consists of mostly bare areas used for parking and staging areas supporting a preponderance of non-native weedy vegetation.

As identified in Table 2, the project would permanently impact a total of 0.5 acre of disturbed habitat. Refer also to Figure 3.

Urban/Developed

Urban/developed or developed land generally includes areas that have been permanently altered due to the construction of aboveground developments such as buildings, roads, and golf courses. Developed land is characterized by a high percentage of unvegetated bare earth or asphalt, concrete, and other permanent structures. For the purposes of this assessment, developed land may include small isolated stands of non-native ornamental vegetation planted for landscaping improvements. Areas characterized as developed within the BSA provide extremely limited biological function or value.

Urban/developed land within the BSA is comprised mostly of paved surfaces within Qualcomm Stadium, but also includes other surrounding development and roadways. Ornamental vegetation associated with the developed land was not observed in the majority of the BSA. Species observed were non-native, and included castor-bean (*Ricinus communis*), acacia, and red brome (*Bromus madritensis* spp. *rubens*). Ornamental vegetation within the BSA appeared to have been planted or was made up of escaped landscaping and provides very low biological function and value.

As identified in Table 2, the project would result in temporary impacts to 0.1 acre of urban/developed land (associated with installation of a retaining wall adjacent to the Fenton Marketplace service drive and trenching for installation of drainage pipelines between the bio-swale along the bikeway and the proposed detention basin) and permanent impacts to 1.6 acres of urban/developed land. Refer also to Figure 3.



Letter to Mr. Stephen Vance October 21, 2015

Special-Status Plant and Animal Species

Special-Status Plant Species

Special-status plant species are those listed as federally threatened or endangered by the USFWS; State listed as threatened or endangered or considered sensitive by the CDFW; and/or, are CNPS List 1A, 1B, or 2 species, as recognized in the CNPS's Inventory of Rare and Endangered Vascular Plants of California and consistent with the CEQA Guidelines.

A search of the USFWS, CNDDB, and CNPS species records reported in the project vicinity (within five miles) did not result in any point records for sensitive plant species on or immediately adjacent to the project impact limits.

No sensitive plants were observed during the July 14, 2015 and August 19, 2015 general biological surveys. The majority of the impact limit is characterized by non-native vegetation and developed areas. No sensitive plant species have a high potential to occur within the project impact limits due to lack of suitable habitat; inappropriate soil conditions; inappropriate elevations; existing disturbances; and prevalence of non-native plant species.

Special-Status Animal Species

Special-status animal species are those listed as threatened or endangered, proposed for listing, or candidates for listing by the USFWS and considered sensitive animals by the CDFW. A search of the USFWS and CNDDB species records reported in the project vicinity (within five miles) did not result in any point records for sensitive animal species on or immediately adjacent the project site.

Special-status animal species were not observed during the general biological resources surveys on July 14, 2015 and August 19, 2015. The federally- and state-endangered least Bell's vireo (*Vireo bellii pusillus*) has the potential to occur within the BSA in habitat located in the immediate vicinity (i.e., at locations within 500 feet) but outside the proposed bike path impact limits. Least Bell's vireo has the potential to nest outside the impact limits within southern riparian forest habitat associated with the San Diego River located south of the proposed bike path. Surveys for least Bell's vireo were previously conducted along the San Diego River for United States Geological Survey in 2012 (USGS 2012) and for the City of San Diego Public Utilities Department in 2013 (Dudek 2013). Both surveys results were negative; least Bell's vireo was not observed along the San Diego River or within the proposed project impact boundary.

Potential indirect effects on least Bell's vireo from project construction could include those resulting from temporary increases in noise during the species breeding season, as well as from nighttime lighting used during construction activities. Adverse indirect effects could occur if construction noise exceeds 60 dBA during the breeding season of March 15 to September 15. Inadvertent intrusions of construction equipment and personnel into off-site habitat potentially supporting this species is not expected because (1) the San Diego Trolley separates potentially



suitable habitat from the proposed bike path impact limits in the western extent of the bikeway alignment and (2) no encroachment into the adjacent San Diego River would occur. In addition, lighting may be installed along the proposed bike path to provide security, which could potentially result in indirect effects on sensitive species within adjacent habitat.

The project site and immediate vicinity contain trees that could provide suitable nesting habitat for raptors and/or a variety of common (non-sensitive) bird species that occur in urban environments. Species observed during the survey included common raven, lesser goldfinch, acorn woodpecker, Anna's hummingbird, mourning dove, bushtit, song sparrow, spotted towhee, house finch, and black phoebe. No nests or nesting activity was observed during the July 14, 2015 and August 19, 2015 surveys.

Project effects on federally listed species and migratory birds protected under the MBTA would be avoided with the following recommendations:

- 1. To avoid any direct impacts to federally listed species and migratory birds protected under the MBTA, removal of habitat that supports active nests on the project site should occur outside of the breeding season for these species. The general bird nesting season is defined as January 15 through September 15. If removal of habitat must occur during the breeding season, the project applicant shall retain a qualified biologist to conduct a pre-construction survey to determine the presence or absence of nesting birds. The pre-construction survey must be conducted within 10 calendar days prior to the start of construction, and the results must be submitted to SANDAG for review and approval prior to initiating any construction activities. If nesting birds are detected within or adjacent to the impact area, a letter report or mitigation plan, as deemed appropriate by SANDAG, shall be prepared and include proposed measures to be implemented to ensure that disturbance of breeding activities are avoided. The report or mitigation plan shall be submitted to SANDAG for review and approval.
- 2. Lighting used for nighttime construction activities should be shielded and directed away from habitat along the San Diego River.
- 3. Project lighting should be selectively placed, shielded, and directed away from the habitat along the San Diego River.

Jurisdictional Waters and Wetlands

In the context of this assessment, jurisdictional waters and wetlands include those resources subject to the regulatory jurisdiction of the U.S. Army Corps of Engineers (USACE) pursuant to Section 404 of the federal Clean Water Act (CWA), the Regional Water Quality Control Board (RWQCB) pursuant to Section 401 of the CWA and State Porter-Cologne Water Quality Control Act, CDFW pursuant to Sections 1600 *et seq.* of California Fish and Game Code (CFG Code), or protection by the City of San Diego through their Wetlands Protection Program.



Areas mapped as southern riparian woodland have potential to be classified as jurisdictional habitat under USACE and CDFW. In addition to Southern riparian woodland mapped along the San Diego River, an additional potential jurisdictional habitat was mapped north of the proposed trail in the western portion of the BSA, but outside the impact footprint of the proposed trail. This area is situated in upland, is not directly connected to the San Diego River, and consists mainly of cottonwood trees leading downhill to a patch of willow trees. A storm drain from the Ikea parking lot likely feeds into this habitat patch. There are additional cottonwood tree individuals among the non-native vegetation behind the Ikea parking lot, but they are not connected to any drainage and would not constitute a jurisdictional habitat under USACE or CDFW. Therefore, project implementation is not expected to impact potential jurisdictional areas.

Wildlife Corridors and Linkages

No known wildlife corridors or linkages occur on the project site, but the site is located adjacent to the San Diego River, which is a wildlife corridor and part of the City of San Diego's Multi-Habitat Planning Area (MHPA) biological preserve. The project, however, would not interfere with the function of this wildlife corridor because no impacts would occur within the river corridor and the project would not encroach into the MHPA. The proposed bike path would be constructed on the north side of the river within developed areas and does not support habitat that would contribute substantially to the assembly and function of any local or regional wildlife corridors or linkages.

CLOSING

We appreciate the opportunity to provide you with this information. If you have any questions concerning this letter, please call me or Tim Belzman at (619) 462-1515.

Sincerely,

Benjamin Rosenbaum

Biologist

Enclosures:

Figure 1 – Regional Location Map

Figure 2 – Project Vicinity Map (Aerial Photograph)

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Figure 3 – Vegetation/Impacts



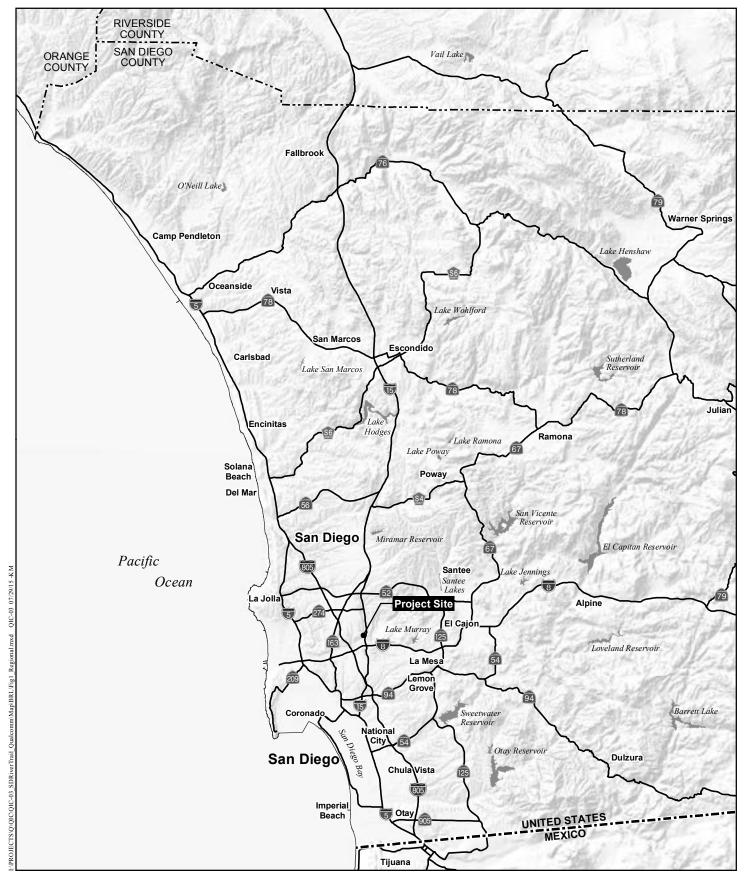
REFERENCES

- Baldwin, B.G., D.H. Goldman, D.J. Keil, R. Patterson, T.J. Rosatti, and D.H. Wilken, editors. 2012. The Jepson Manual: Vascular Plants of California, second edition. University of California Press, Berkeley.
- California Department of Fish and Wildlife (CDFW). 2008. Complete List of Amphibian, Reptile, Bird and Mammal Species in California. September.
- California Department of Fish and Wildlife (CDFW). 2015. California Natural Diversity Database (CNDDB) RareFind Database Program, Version 5. Data updated January 6.
- California Native Plant Society. 2010. The Online CNPS Inventory of Rare and Endangered Plants. December. http://www.rareplants.cnps.org/
- City of San Diego (City). 1997. Multiple Species Conservation Program. City of San Diego MSCP Subarea Plan. March.
 - 2013. City of San Diego Public Utilities Department.
 - 2014. City of San Diego Public Utilities Department. Atkins Vegetation Communities Map for Stadium Wetland Mitigation Project (San Diego River).
- Dudek, 2013. Least Bell's Vireo Presence/Absence 45-day Survey Report for the City of San Diego Murphy Canyon Channel Maintenance Project, City of Carlsbad, California.
- Holland R.F. 1986. Preliminary Descriptions of the Terrestrial Natural Communities of California. Nongame-Heritage Program, State of California, Department of Fish and Game, Sacramento. 156 pp.
- Google Earth. 2015. Google Earth 5.0. Available for download online at: http://earth.google.com/
- Oberbauer, Thomas, Meghan Kelly, and Jeremy Buegge. March 2008. Draft Vegetation Communities of San Diego County. Based on "Preliminary Descriptions of the Terrestrial Natural Communities of California," Robert F. Holland, Ph.D., October 1986.
- SanGIS. 2015. SanGIS Interactive Map. Information provided by the participants of San GIS. Available at: http://sdgis.sandag.org/
- U.S. Department of Agriculture (USDA). 2015. Soil Survey Staff, Natural Resources Conservation Service, Web Soil Survey. URL: http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx



- U.S. Fish and Wildlife Service (USFWS). 2015a. Critical Habitat Portal. Available at http://criticalhabitat.fws.gov
- U.S. Fish and Wildlife Service (USFWS). 2015b. National Wetlands Inventory. Available at http://www.fws.gov/wetlands
- U.S. Geological Survey (USGS). 1996. National City and Imperial Beach, California 7.5 Minute Series (Topographic) Maps.
- U.S. Geological Survey (USGS). 2012. Bell's Vireo Presence/Absence 45-day Survey Report for the City of San Diego.





Regional Location Map

SAN DIEGO RIVER TRAIL - QUALCOMM SEGMENT







Project Vicinity Map (Aerial Photograph)

SAN DIEGO RIVER TRAIL - QUALCOMM SEGMENT







Vegetation/Impacts

SAN DIEGO RIVER TRAIL - QUALCOMM SEGMENT



Appendix C CULTURAL RESOURCES STUDY

HELIX Environmental Planning, Inc.

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October 29, 2015 QIC-03

Mr. Stephan Vance San Diego Association of Governments 401 B Street, Suite 800 San Diego, CA 92101

Subject: San Diego River Trail Qualcomm Stadium Segment Project - Cultural

Resources Study

Dear Mr. Vance:

HELIX Environmental Planning, Inc. (HELIX) was contracted to conduct a cultural resources survey in conjunction with the environmental review for the San Diego River Trail Qualcomm Stadium Segment Project (project). This letter report details the methods and results of the cultural resources study, which included a records search, Sacred Lands File search, a review of historic aerial photographs and maps, and a pedestrian survey.

PROJECT DESCRIPTION AND LOCATION

The project site is located in the Mission Valley community of the City of San Diego (City), in San Diego County (Figure 1). The project property is located just south of Qualcomm Stadium and Friars Road, northwest of the Intestate 15 (I-15)/I-8 interchange and adjacent to the San Diego River (Figures 2 and 3). The western portion of the Area of Potential Effects (APE) is located in a landscaped slope just south of Northside Drive; descending eastward, it follows the southern boundary of the Qualcomm Stadium parking lot to its eastern end. With the exception of this small landscaped area, the APE is entirely within paved areas of the Qualcomm Stadium parking lot. The project area is in an unsectioned portion of Township 16 South, Range 2 West, on the U.S. Geological Survey (USGS) 7.5' La Mesa and La Jolla quadrangles (Figure 2).

The San Diego Association of Governments (SANDAG) proposes to construct an approximately 0.8-mile segment of the San Diego River Trail (SDRT) through Qualcomm Stadium in the Mission Valley community. The proposed Qualcomm Segment of the SDRT would extend eastward from the terminus of Fenton Parkway, along a vegetated slope behind the Fenton Marketplace shopping center and through the southern portion of the Qualcomm Stadium parking lot to connect with Rancho Mission Road (Figure 3). The proposed trail would be

constructed as a Class I bikeway, which is a path that provides a separated right-of-way for the exclusive use of people walking and riding bikes. Most of the trail would occur on existing paved surfaces within the stadium parking lot. A barrier, such as portable concrete barriers (K rails) or chain-link fencing would be placed along the trail within the stadium parking area to separate trail users from other activities at the stadium. Some grading would be required along the vegetated slope behind the shopping center in the western extent of the trail. This slope is covered primarily with ornamental vegetation. The San Diego River is located adjacent to the trail on the south; however, the trail would not encroach into the river corridor, but it would be entirely within developed areas north of the river.

REGULATORY FRAMEWORK

Under the California Environmental Quality Act (CEQA), any object, building, structure, site, area, place, record, or manuscript that a lead agency determines to be historically significant or significant in the architectural, engineering, scientific, economic, agricultural, educational, social, political, military, or cultural annals of California may be considered to be an historical resource, provided the lead agency's determination is supported by substantial evidence in light of the whole record. Generally, a resource shall be considered by the lead agency to be "historically significant" if the resource meets the criteria for listing on the California Register of Historical Resources (CRHR) (Public Resources Code [PRC] §5024.1, Title 14 California Code of Regulations [CCR] Section 4852) including the following:

- A (1): Is associated with events that have made a significant contribution to the broad patterns of California's history and cultural heritage;
- B (2): Is associated with the lives of persons important in our past;
- C (3): Embodies the distinctive characteristics of a type, period, region, or method of construction, or represents the work of an important creative individual, or possesses high artistic values, or:
- D (4): Has yielded or may be likely to yield information important in prehistory or history.

Cultural resources eligible for the CRHR are considered significant resources, and impacts to them are significant environmental effects under CEQA.

ENVIRONMENTAL SETTING

The project site is located in Mission Valley, directly adjacent to the San Diego River. It ranges in elevation from approximately 70 feet above mean sea level (AMSL) at the western end to about 49 feet AMSL at the base of the western slope. Geologically, the project site is underlain by Quaternary Pleistocene stream-terrace deposits and Quaternary Holocene alluvium and slopewash (Kennedy 1975). The soils on site and in the adjacent area consist mainly of made land and riverwash, with a strip of Salinas clay loam, 2 to 9 percent slopes in the east. Made land is imported fill soil compacted and flattened for development; it can be found across the Qualcomm Stadium parking area. Riverwash is located along the San Diego River and consists



of sandy, gravelly, or cobbly soil that is often barren but occasionally supports sparse sycamore, live oak, shrubs, and forbs (Bowman 1973). The Salinas series soils are located in floodplains and alluvial fans and support mainly annual grasses and forbs with scattered trees and shrubs (Bowman 1973). Riparian woodland species such as sycamore, cottonwood, and other wetland plants occur along the river, adjacent to the project APE. These plants and associated animal species would have been used by the Kumeyaay people for food, medicine, tools, shelter, ceremonial, and other uses (Christenson 1990; Hedges and Beresford 1986).

CULTURAL ENVIRONMENT

Several summaries discuss the prehistory of San Diego County and provide a background for understanding the archaeology of the general area surrounding the project. Moratto's (1984) review of the archaeology of California contains important discussions of Southern California, including the San Diego area, as does a relatively new book by Neusius and Gross (2007). Bull (1983, 1987), Carrico (1987), Gallegos (1987), and Warren (1985, 1987) provide summaries of archaeological work and interpretations; another paper (Arnold et al. 2004) discusses advances since 1984. The following is a brief discussion of the cultural history of the San Diego region.

Carter (1957, 1978, 1980), Minshall (1976) and others (e.g., Childers 1974; Davis 1968, 1973) have long argued for the presence of Pleistocene humans in California, including the San Diego area. The sites identified as "early man" are all controversial. Carter and Minshall are best known for their discoveries at Texas Street and Buchanan Canyon. The material from these sites is generally considered nonartifactual, and the investigative methodology is often questioned (Moratto 1984).

The earliest accepted archaeological manifestation of Native Americans in the San Diego area is the San Dieguito complex, dating to approximately 10,000 years ago (Warren 1967). The material culture of the San Dieguito complex consists primarily of scrapers, scraper planes, choppers, large blades, and large projectile points. The San Dieguito complex is chronologically equivalent to other Paleoindian complexes across North America, and sites are sometimes called "Paleoindian" rather than "San Dieguito." San Dieguito material underlies La Jolla complex strata at the C. W. Harris site in San Dieguito Valley (Warren, ed. 1966).

The traditional view of San Diego prehistory has the San Dieguito complex followed by the La Jolla complex at least 7,000 years ago, possibly as long as 9,000 years ago (Rogers 1966). The La Jolla complex is part of the Encinitas tradition and equates with Wallace's (1955) Millingstone Horizon, also known as Early Archaic or Milling Archaic. The Encinitas tradition is generally "recognized by millingstone assemblages in shell middens, often near sloughs and lagoons" (Moratto 1984:147). "Crude" cobble tools, especially choppers and scrapers, characterize the La Jolla complex (Moriarty 1966). Basin metates, manos, discoidals, a small number of Pinto series and Elko series points, and flexed burials are also characteristic.

Warren et al. (1961) proposed that the La Jolla complex developed with the arrival of a desert people on the coast who quickly adapted to their new environment. Moriarty (1966) and Kaldenberg (1976) have suggested an in situ development of the La Jolla people from the San Dieguito. Moriarty has since proposed a Pleistocene migration of an ancestral stage of the



La Jolla people to the San Diego coast. He suggested this Pre-La Jolla complex is represented at Texas Street, Buchanan Canyon, and the Brown site (Moriarty 1987).

Various authors (Bull 1987; Gallegos 1987) have proposed that the San Dieguito, La Jolla, and Pauma complexes are manifestations of the same culture, with differing site types "explained by site location, resources exploited, influence, innovation and adaptation to a rich coastal region over a long period of time" (Gallegos 1987:30). The classic "La Jolla" assemblage is one adapted to life on the coast and appears to continue through time (Robbins-Wade 1986, 1988; Winterrowd and Cárdenas 1987). Inland sites adapted to hunting contain a different tool kit, regardless of temporal period (Cárdenas and Van Wormer 1984).

Other archaeologists argue that an apparent overlap among assemblages identified as "La Jolla," "Pauma," or "San Dieguito" does not preclude the existence of an Early Milling period culture in the San Diego region, separate from an earlier culture (Cook 1985; Gross and Hildebrand 1998; Warren 1998). One perceived problem is that many site reports in the San Diego region present conclusions based on interpretations of stratigraphic profiles from sites at which stratigraphy cannot validly be used to address chronology or changes through time. The subsurface deposits at numerous sites are the result of such agencies as rodent burrowing, insect activity, and other bioturbative factors (Bocek 1986; Erlandson 1984; Gross 1992; Johnson 1989).

The Late Prehistoric period is represented by the Cuyamaca complex in the southern portion of San Diego County and the San Luis Rey complex in the northern portion. The Cuyamaca complex is the archaeological manifestation of the Yuman forebears of the Kumeyaay people. The San Luis Rey complex represents the Shoshonean predecessors of the ethnohistoric Luiseño. The name Luiseño derives from Mission San Luis Rey de Francia and has been used to refer to the Indian people associated with that mission, while the Kumeyaay people are also known as Ipai, Tipai, or Diegueño (named for Mission San Diego de Alcala). Agua Hedionda Creek is often described as the division between the territories of the Luiseño and the Kumeyaay people (Bean and Shipek 1978; Luomala 1978; White 1963), although various archaeologists and ethnographers use slightly different boundaries. The Native American people know their traditional use areas through songs and stories passed down through generations.

The project area is within lands that have traditionally been inhabited by the Kumeyaay people, also known as Diegueño or Ipai/Tipai (Luomala 1978). The area is rich in cultural resources, situated within Mission Valley and the San Diego River floodplain. These areas were occupied for thousands of years. Two ethnohistoric village sites associated with Mission San Diego de Alcala existed in Mission Valley: Cosoy (or Kosoi) and Nipaquay (Carrico 1993). In her introduction to the autobiography of Delfina Cuero, Shipek wrote that around 1900, many Diegueño Indians lived in Mission Valley and in various other places around San Diego, including "at the foot of Rose Canyon, along Ocean Beach, around the edge of Mission Bay (False Bay), and all up and down Mission Valley. Each of these locations has been corroborated independently by non-Indian 'old timers' in San Diego" (Shipek 1970:9).

Mission Valley supported agricultural uses from the Mission period until the development of commercial and residential uses in the past 50 years or so. Dairies were still present in some



parts of the valley in the 1970s. Sand and gravel mining has also been conducted in the vicinity. The area surrounding the project site has been subject to a great deal of disturbance over many years from sand and gravel operations, construction of roadways, development of commercial and residential uses, channelization of the San Diego River, and other improvements.

STUDY METHODS

HELIX conducted a records search of the California Historical Resources Information System (CHRIS) at the South Coastal Information Center (SCIC) on July 8, 2015. The records search covered a one-mile radius around the project area (the entire Qualcomm Stadium parking lot was included as the project area, to allow for potential expansion of the APE) and included archaeological and historical resources, locations, and citations for previous cultural resources studies, as well as a review of the state Office of Historic Preservation (OHP) historic properties directory. The records search summary and map are included as Confidential Appendix A to this letter report.

HELIX contacted the Native American Heritage Commission (NAHC) on July 6, 2015 for a Sacred Lands File search and list of Native American contacts for the project area. SANDAG conducted outreach to the Native American community regarding the project.

A survey of the APE was conducted on July 13, 2015 by HELIX Cultural Resources Director Mary Robbins-Wade and Native American monitor Natausha Eggen from Red Tail Monitoring and Research, Inc. With the exception of a heavily vegetated slope and landscaped area at the top of the slope, the project APE was entirely paved with asphalt. The portion of the landscaped area and vegetated slope for which rights-of-entry had been granted were walked, and all visible ground that was not paved was carefully inspected for cultural constituents. Thick vegetation totally obscured the ground surface over the vast majority of this area.

A potential staging area was identified just east of the project site, as illustrated in Figure 4. This staging area is a Caltrans yard that has been graded in the past and has gravel surface in some areas. A site visit was made on August 17, 2015 by Mary Robbins-Wade; however, the parcel could not be accessed due to a chain link fence and locked gate.

RECORDS SEARCH RESULTS

As previously noted, a records search was conducted at the SCIC for the project site (including the entire Qualcomm Stadium parking lot) and a one-mile radius. Seven resources have been recorded within the search radius (see Table 1, *Previously Recorded Resources within One Mile*), but none of them are located in the immediate vicinity of the project site. Two of these are prehistoric artifact scatters, one is a prehistoric isolate, two are historic refuse deposits, one is unknown, and one site (CA-SDI-35) is the multicomponent village of *Nipaguay* and the site of Mission San Diego de Alcalá. The two prehistoric scatters include lithic and ceramic artifacts, as well as shell and bone. The isolate consists of a single lithic flake. The historic refuse deposits include glass, ceramics, metal, and bone and date to the 1940s to 1950s. Site CA-SDI-35 contains the remnants of the prehistoric and early contact period Kumeyaay village site of *Nipaguay*, noted as one of two large villages in Mission Valley by Carrico (1993). Remnants of



the original Mission San Diego de Alcalá building have been recorded during renovations of the current Mission, including the discovery of a river cobble-packed pavement believed to have been a courtyard west of the main building. At ½ mile to the northeast, this is the nearest, previously recorded historic resource to the project APE. Site CA-SDI-239 and historic address 10818 San Diego Mission Road are also located in the valley, near the Mission. The other sites and nine other historic properties are located in the hills north and south of Mission Valley. The records search map is included as Confidential Appendix A to this report.

Table 1 PREVIOUSLY RECORDED RESOURCES WITHIN ONE MILE			
Resource Number (CA-SDI-#)	Resource Number (P-37-#)	Description	Recorder, Date
35	000035	Prehistoric village of Nipaguay/Protohistoric and historic Mission San Diego de Alcalá: Multicomponent site with Spanish, Mexican, and American period historic refuse deposits including glass, ceramics, beads, marbles, nails, and modern trash; prehistoric lithics, shells, and Tizon brown ware ceramics; features include the original Mission	Schaefer, 2013; Wolfe, 2013; Schaefer, 1990; Hedges, 1976; Pilling, 1949
202	000202	None noted Prehistoric artifact scatter including pottery, obsidian and chert flakes, bone, and shell	Treganza, n.d. Hall, 1951
11056	011056	Prehistoric artifact and shell scatter in midden soil, artifacts include lithics	Affinis, n.d.
	014959 024379	Prehistoric isolated flake Historic refuse deposit including bottles, jars, tableware, and bones dating to the 1940s	Clevenger, 1990 Pierson, 2002
	024380	Historic refuse deposit including mostly bone and metal dating to the 1940s-1950s	Pierson, 2002

The SCIC has 112 cultural resource studies on file for the one-mile radius around the project area. Of these, seven have been conducted within the project area. Three of these reports were studies of the San Diego River Valley (Mission Valley) that covered the entire project area; two were linear studies conducted for water reclamation and sewer utility lines that run through a portion of the APE. The two remaining reports were for a storm water system maintenance program and covered portions of the APE.



SURVEY RESULTS

The APE was surveyed on July 13, 2015 by Robbins-Wade and Eggen. Ground surface visibility was nonexistent to poor, because the project site was almost completely paved over. The only area with any ground surface visibility was a thickly vegetated, steep slope ascending west from the Qualcomm Stadium parking lot to Northside Drive. The survey was conducted in parallel transects 5 meters (m) apart on the top of the slope, with wider transect intervals on the slope itself, where thick vegetation totally obscured the ground surface. No cultural resources were observed in the little ground surface that was visible.

A potential staging area was visited by Robbins-Wade on August 17, 2015, but access to the parcel was restricted. A portion of the proposed staging area could be viewed through the fence; no cultural material was observed except recent trash. The potential staging area is a Caltrans yard that has been graded in the past and has gravel surface in some areas.

Historic aerial photographs and topographic maps were referenced for historical information about the project site. A 1903 USGS topographic map of the La Jolla quadrangle shows that the San Diego River split along three routes near Murphy Canyon, the top of which covered the project area, before merging into one course again. Historic aerial photographs from 1953 and topographic maps from 1942 reveal that the project site was relatively undeveloped until construction began on Qualcomm Stadium (then known as San Diego Stadium) between 1964 and 1966 (historicaerials.com). The topographic maps show that the San Diego River ran in a single course through the project area directly under the modern stadium from 1942 until its channelization and the beginning of stadium construction. The area immediately around the river appears as an alluvium wash with traces of past river beds scarring the ground. No buildings or agricultural fields were present within the project site before this, though a few short dirt roads appear to have been cut from Camino Del Rio north through the western portion of the APE. Agricultural fields were located southeast and north of the project site, and the nearest buildings were along a dirt road connecting to Camino Del Rio just south of the APE.

As previously noted, HELIX contacted the NAHC for a Sacred Lands File search and list of Native American contacts for the project area. The NAHC response received on August 6, 2015 and confirmed by email on August 10, 2015 indicated that there are "no Sacred Lands File concerns" in the project area. SANDAG conducted outreach to the Native American community regarding the project; no concerns were expressed regarding the project.

SUMMARY OF EFFECTS

No cultural resources have been identified within the project area. Based on this, the project is expected to have no impacts to cultural resources. Ground visibility was poor during the survey, and a portion of the area could not be surveyed, as rights-of-entry were not granted for that area; however, this area is a manufactured slope. The vast majority of the trail segment would be on existing pavement; the remainder would be on manufactured slopes and areas that have been subject to extensive impacts from the development of stadium uses, the library, and commercial uses at Fenton Marketplace. If fencing is installed within the parking lot, minimal ground



disturbance would be required (post holes for the fencing would be 3 feet deep, and the poles would be 3 inches to 4 inches in diameter).

Although no impacts to cultural resources are anticipated, due to the disturbed nature of the project site, there is a possibility that construction grading could expose, encounter, or accidentally discover cultural resources. Based on this, the following standard measures would be included as part of the project:

- Prior to construction, contractors will receive an archaeological orientation from a professional archaeologist regarding the types of resources that could be uncovered during construction activities and the identification of these resources. The orientation also will cover procedures to follow in the case of any archaeological discovery.
- If cultural resources are encountered at any time during project grading, construction personnel will avoid altering these materials and their context until a qualified archaeologist and Native American monitor have evaluated the situation. Project personnel will not collect or retain cultural resources.
- In the event of accidental discovery or recognition of any human remains, the County Medical Examiner's Office shall be notified immediately, and construction activities will be halted within 100 feet of the area of the discovery. If the remains are determined to be Native American, the NAHC will be notified by the Medical Examiner's Office within 24 hours. The NAHC will notify the Most Likely Descendant (MLD), and the MLD shall be contacted by the Principal Investigator in order to determine proper treatment and disposition of the remains. All requirements of Health & Safety Code §7050.5 and Public Resources Code §5097.98 shall be followed.

If you have any questions, please contact Mary Robbins-Wade at (619) 462-1515.

Mary Robbins-Wade, RPA

Director of Cultural Resources

Southern California

Nicole Falvey Staff Archaeologist

Attachments:

Figure 1 Regional Location Map

Figure 2 Project Vicinity Map (USGS Topography)

Figure 3 Area of Potential Effect (APE)

Figure 4 Potential Staging Area

Confidential Attachments (under separate cover):

A Records Search Map

B Native American Correspondence



REFERENCES

Arnold, J.E., M.R. Walsh, and S.E. Hollimon.

2004 The Archaeology of California. *Journal of Archaeological Research* 12:1-73.

Bean, Lowell John, and Florence C. Shipek

1978 Luiseño. In *California*, edited by Robert F. Heizer, pp. 550-563. *The Handbook of North American Indians*, vol. 8. William C. Sturtevant, general editor. Smithsonian Institution, Washington, D.C.

Bocek, Barbara

1986 Rodent Ecology and Burrowing Behavior: Predicted Effects on Archaeological Site Formation. *American Antiquity* 51:589-603.

Bowman, Roy H.

1973 *Soil Survey: San Diego Area*. United States Department of Agriculture. Beltsville, MD.

Bull, Charles S.

- 1983 Shaking the Foundations: The Evidence for San Diego Prehistory. *Casual Papers: Cultural Resource Management* 1(3):15-64. Cultural Resource Management Center, San Diego State University.
- A New Proposal: Some Suggestions for San Diego Prehistory. In *San Dieguito-La Jolla: Chronology and Controversy*, edited by Dennis Gallegos, pp. 35-42. San Diego County Archaeological Society, Research Paper 1.

Cárdenas, D. Seán, and Stephen R. Van Wormer

1984 Archaeological Investigation of SDI-4648 and SDM-W-348. RBR & Associates, Inc., San Diego. Report submitted to the City of El Cajon, Planning Department. Report on file at South Coastal Information Center, San Diego State University.

Carrico, Richard L.

- 1987 Sixty-five Years of San Diego County Archaeology. In *San Dieguito-La Jolla:* County Archaeological Society, Research Paper 1.
- 1993 Ethnohistoric Period. In Draft Historic Properties Background Study for the City of San Diego Clean Water Program, pp. V-1--V-24. Brian F. Mooney Associates, San Diego. Report submitted to City of San Diego, Clean Water Program for Greater San Diego.



Carter, George F.

- 1957 Pleistocene Man at San Diego. Johns Hopkins Press, Baltimore.
- 1978 An American Lower Paleolithic. *Anthropological Journal of Canada* 16:2-38.
- 1980 Earlier Than You Think: A Personal View of Man in America. Texas A&M University Press, College Station.

Childers, W. Morlin

1974 Preliminary Report on the Yuha Burial, California. *Anthropological Journal of Canada* 12 (1):2-9.

Christenson, Lynne E.

1990 The Late Prehistoric Yuman People of San Diego County, California: Their Settlement and Subsistence System. Ph.D. dissertation, Department of Anthropology, Arizona State University, Tempe. University Microfilms, Ann Arbor.

Cook, John R.

An Investigation of the San Dieguito Quarries and Workshops near Rancho Santa Fe, California. Mooney-Lettieri and Associates, San Diego. Report submitted to County of San Diego, Department of Planning and Land Use. Report on file at South Coastal Information Center, San Diego State University.

Davis, E.L.

- Early Man in the Mojave Desert. *Eastern New Mexico University Contributions in Anthropology* 1 (4):42-47.
- 1973 People of the Old Stone Age at China Lake. Ms., on file at Great Basin Foundation, San Diego.

Erlandson, Jon M.

1984 A Case Study in Faunalturbation: Delineating the Effects of the Burrowing Pocket Gopher on the Distribution of Archaeological Materials. *American Antiquity* 49:785-790.

Gallegos, Dennis

A Review and Synthesis of Environmental and Cultural Material for the Batiquitos Lagoon Region. In *San Dieguito-La Jolla: Chronology and Controversy*, edited by Dennis Gallegos, pp. 23-34. San Diego County Archaeological Society, Research Paper 1.



Gross, G. Timothy

1992 Site Formation and Transformation Processes in Coastal Shell Middens and Shell-Rich Sites. In *Essays on the Prehistory of Maritime California*, edited by Terry L. Jones, pp. 195-204. Center for Archaeological Research at Davis Publications 10, University of California, Davis.

Gross, G. Timothy, and John A. Hildebrand

1998 San Dieguito and La Jolla: Insights from the 1964 Excavations at the C.W. Harris Site. Paper presented at the 32nd Annual Meeting of the Society for California Archaeology, San Diego.

Hedges, Ken, and Christina Beresford

1986 Santa Ysabel Ethnobotany. San Diego Museum of Man Ethnic Technology Notes No. 20.

Johnson, Donald L.

1989 Subsurface Stone Lines, Stone Zones, Artifact-Manuport Layers, and Biomantles Produced by Bioturbation Via Pocket Gophers (*Thomomys bottae*). *American Antiquity* 54:370-389.

Kaldenberg, Russell L.

1976 Paleo-technological Change at Rancho Park North, San Diego County, California. Unpublished Master's thesis, Department of Anthropology, San Diego State University.

Kennedy, Michael P.

1975 Geology of the San Diego Metropolitan Area, California. California Division of Mines and Geology, Sacramento.

Luomala, Katherine

1978 Tipai-Ipai. In *California*, edited by Robert F. Heizer, pp. 592-609. *The Handbook of North American Indians*, vol. 8. William C. Sturtevant, general editor. Smithsonian Institution, Washington, D.C.

Minshall, Herbert L.

1976 *The Broken Stones*. Copley Books, San Diego.

Moratto, Michael J.

1984 California Archaeology. Academic Press, Orlando.



Moriarty, James R., III

- 1966 Cultural Phase Divisions Suggested By Typological Change Coordinated with Stratigraphically Controlled Radiocarbon Dating in San Diego. *The Anthropological Journal of Canada* 4 (4):20-30.
- A Separate Origins Theory for Two Early Man Cultures in California. In *San Dieguito-La Jolla: Chronology and Controversy*, edited by Dennis Gallegos, pp. 49-60. San Diego County Archaeological Society, Research Paper 1.

Neusius, Sarah W., and G. Timothy Gross

2007 Seeking Our Past: An Introduction to North American Archaeology. Oxford University Press, New York.

Robbins-Wade, Mary

- 1986 Rising Glen: SDM-W-143/146 (SDI-5213 C & D). *Casual Papers* 2 (2):37-58. Cultural Resource Management Center, San Diego State University.
- 1988 Coastal Luiseño: Refining the San Luis Rey Complex. *Proceedings of the Society for California Archaeology, Fresno, California* 1:75-95. Society for California Archaeology, San Diego.

Rogers, Malcolm J.

1966 Ancient Hunters of the Far West. Union-Tribune Publishing Company, San Diego.

Shipek, Florence

1970 *The Autobiography of Delfina Cuero*. As told to Florence Shipek. Malki Museum Press, Banning, CA.

Wallace, William J.

1955 A Suggested Chronology for Southern California Coastal Archaeology. Southwestern Journal of Anthropology 11:214-230.

Warren, Claude N.

- 1967 The San Dieguito Complex: A Review and Hypothesis. *American Antiquity* 32:168-185.
- 1985 Garbage about the Foundations: A Comment on Bull's Assertions. *Casual Papers: Cultural Resource Management* 2(1):82-90. Cultural Resource Management Center, San Diego State University.
- 1987 The San Dieguito and La Jolla: Some Comments. In *San Dieguito-La Jolla: Chronology and Controversy*, edited by Dennis Gallegos, pp. 73-85. San Diego County Archaeological Society, Research Paper 1.



Warren, Claude N. (cont.)

1998 San Dieguito-La Jolla: Chronology and Controversy, Ten Years Later.
Discussant in symposium at the 32nd Annual Meeting of the Society for California Archaeology, San Diego.

Warren, Claude N. (editor)

1966 The San Dieguito Type Site: M. J. Rogers' 1938 Excavation on the San Dieguito River. San Diego Museum Papers No. 5. San Diego Museum of Man.

Warren, Claude N., D.L. True, and Ardith A. Eudey

1961 Early Gathering Complexes of Western San Diego County: Results and Interpretations of an Archaeological Survey. *University of California, Los Angeles Archaeological Survey Annual Report 1960-1961*, pp. 1-106. Department of Anthropology, University of California, Los Angeles.

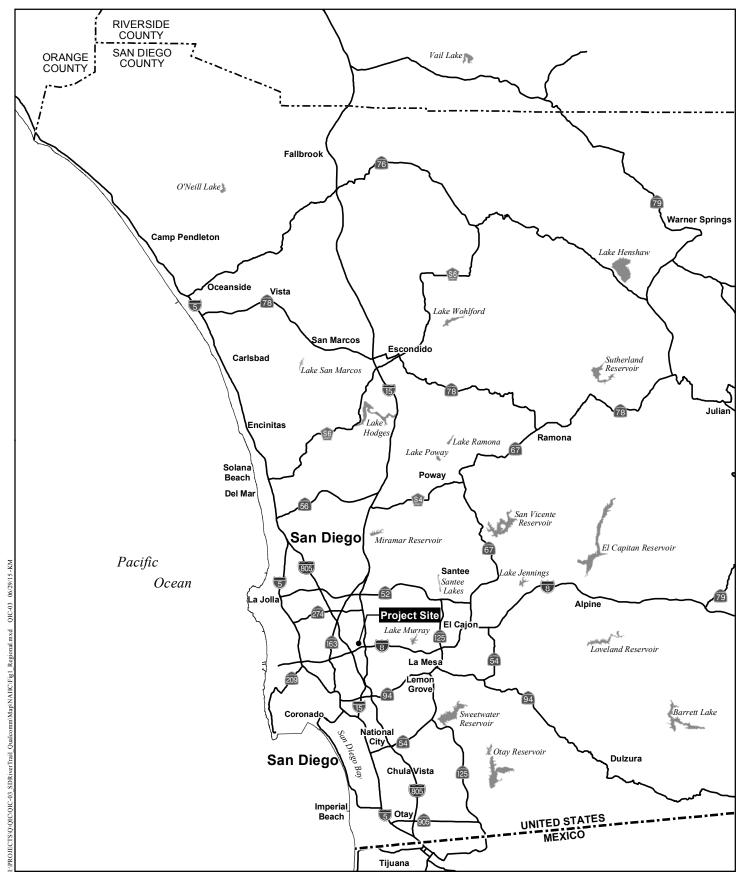
White, Raymond C.

1963 Luiseño Social Organization. *University of California Publications in American Archaeology and Ethnology* 48(2):91-194.

Winterrowd, Cathy L., and D. Seán Cárdenas

1987 An Archaeological Indexing of a Portion of the Village of La Rinconada de Jamo SDI-5017 (SDM-W-150). RBR & Associates, Inc., San Diego. Submitted to the City of San Diego, Planning Department. Report on file at South Coastal Information Center, San Diego State University.

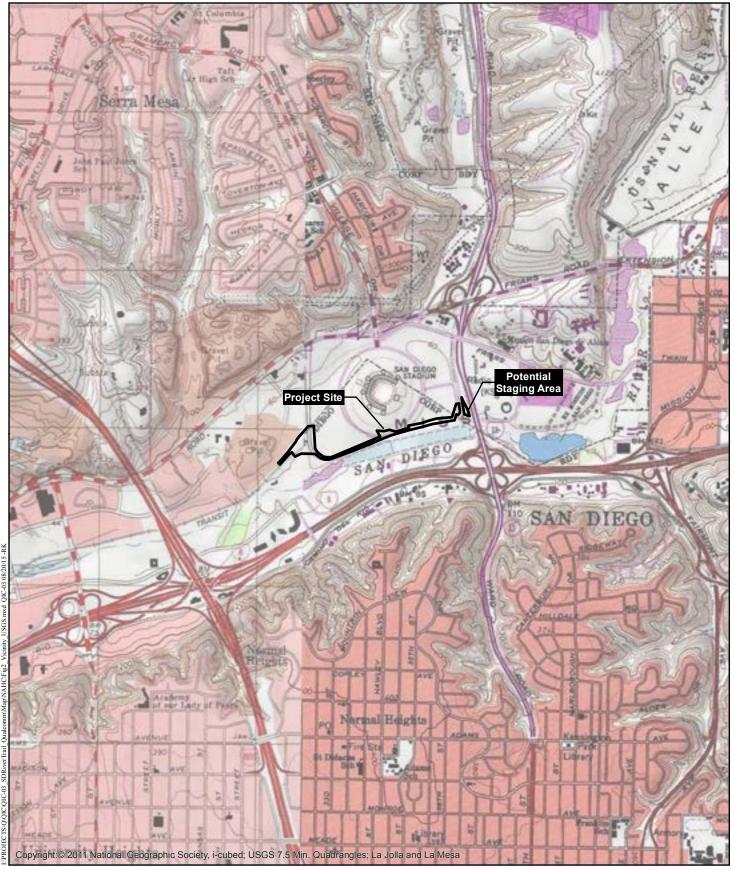




Regional Location Map







Project Vicinity Map (USGS Topography)

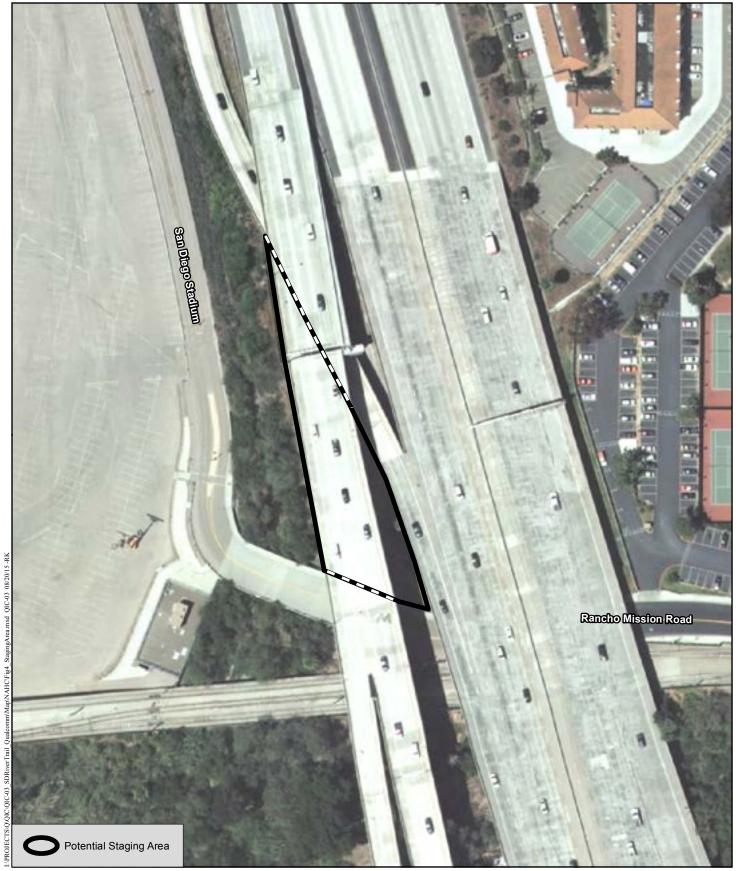






Area of Potential Effect (APE)





Potential Staging Area





Appendix D GEOTECHNICAL DESKTOP STUDY

FINAL GEOTECHNICAL DESKTOP STUDY SAN DIEGO RIVER TRAIL QUALCOMM STADIUM SEGMENT SAN DIEGO ASSOCIATION OF GOVERNMENTS

Submitted to:

QUALITY INFRASTRUCTURE CORPORATION 7777 Alvarado Road, Suite 606 La Mesa, CA 91942

Prepared By:

ALLIED GEOTECHNICAL ENGINEERS, INC. 9500 Cuyamaca Street, Suite 102 Santee, California 92071-2685

October 19, 2015



October 19, 2015

Kirk Bradbury, P.E. Quality Infrastructure Corporation 7777 Alvarado Road, Suite 606 La Mesa, CA 91942

Subject:

FINAL GEOTECHNICAL DESKTOP STUDY

SAN DIEGO RIVER TRAIL QUALCOMM STADIUM SEGMENT

SAN DIEGO ASSOCIATION OF GOVERNMENTS

AGE Project No. 54A6

Dear Mr. Bradbury:

In accordance with your request, we are pleased to submit this report which presents the findings, opinions and recommendations of a geotechnical desktop study that we have performed for the above-mentioned subject project. This Final Report incorporates our response to the review comments on our Report dated July 31, 2015 that we have received from Quality Infrastructure Corporation.

We greatly appreciate the opportunity to be of service on this important project for the San Diego Association of Governments. Should you have any questions or need further assistance, please feel free to give us a call.

Sincerely,

ALLIED GEOTECHNICAL ENGINEERS, INC.

Nicholas E. Barnes, P.G./C.E.G

Senior Geologist

NB/SS/TJL:sem

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FINAL GEOTECHNICAL DESKTOP STUDY SAN DIEGO RIVER TRAIL QUALCOMM STADIUM SEGMENT SAN DIEGO ASSOCIATION OF GOVERNMENTS

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FINAL GEOTECHNICAL DESKTOP STUDY SAN DIEGO RIVER TRAIL QUALCOMM STADIUM SEGMENT SAN DIEGO ASSOCIATION OF GOVERNMENTS

1.0 SITE AND PROJECT DESCRIPTION

In accordance with the request of Quality Infrastructure Corporation (QIC), Allied Geotechnical Engineers, Inc. (AGE) has performed a Geotechnical Desktop study for the San Diego River Trail (SDRT) Qualcomm Stadium Segment for the San Diego Association of Governments (SANDAG). The study was performed in conformance with AGE's proposal dated April 10, 2015, and the subconsultant agreement entered into by and between QIC and AGE on June 12, 2015.

The findings and recommendations of this study were presented in a report dated July 31, 2015. At the request of QIC we have prepared this updated report which incorporates our response to the review comments from SANDAG which we received on October 15, 2015.

SANDAG proposes to construct an approximately 0.8-mile segment of the SDRT through Qualcomm Stadium in the Mission Valley community of the City of San Diego. The proposed Qualcomm Segment of the SDRT would extend eastward from the terminus of Fenton Parkway along a vegetated slope behind the Fenton Marketplace shopping center and through the southern portion of the Qualcomm Stadium parking lot to connect with Rancho Mission Road.

The proposed project is located in a developed area with residential and commercial uses to the west, north, and east. The San Diego River is located adjacent to the proposed trail on the south, with commercial office development on the south side of the river. Most of the trail would occur on existing paved surfaces within the stadium parking lot, which is topographically flat. The western end of the proposed trail would occur on a slope behind the shopping center that contains some dense vegetation. The proposed trail would be a constructed as a Class I bikeway, which is a path that provides a separated right-of-way for the exclusive use of people walking and riding bikes.

Existing improvements along and adjacent to the project alignments include landscaped area, the San Diego trolley line (both ground level and overhead tracks), Qualcomm Stadium Recycling Center, a soccer field, Qualcomm Stadium parking lot, Fenton Marketplace Shopping Center driveway behind the IKEA store, Qualcomm Trolley Station, and the 78-inch diameter North Mission Valley Interceptor Sewer (NMVIS).

The proposed pedestrian/ bike pathway will require the construction of retaining walls in the areas between the IKEA driveway and the trolley line fence, and through the low lying area at its eastern terminus. Construction of the retaining walls at the eastern terminus of the project alignment will require removal of existing asphaltic concrete (A.C.) pavement.

2.0 OBJECTIVE AND SCOPE OF STUDY

The objective of this desktop study is to provide general information and to evaluate potential major geologic and geotechnical issues and constraints which could impact the proposed project alignment. The study was performed in conformance with AGE's proposal dated April 10, 2015, and the subconsultant agreement entered into by and between QIC and AGE on June 12, 2015. The scope of the desktop study includes the performance of several tasks/services which are more fully described below.

2.1 Information Review

For this task, we have reviewed information pertaining to the project area that was readily available from a variety of sources which include the following:

- AGE's in-house references and aerial photographs;
- Published geologic literature and maps, including geologic and fault maps published by the City of San Diego, California Geological Survey and United States Geological Survey;
- Pertinent project-related information, including geotechnical reports prepared by others;
- Aerial photography available at Google Earth.

A listing of the references that were reviewed for this study is presented in Section 7.0.

2.2 Site Reconnaissance

The information obtained from our literature review was supplemented with visual observations gathered during our field reconnaissance visit that was conducted on July 14, 2015. The purpose of the site visit was to observe existing site conditions and geologic exposures along the project alignments and in surrounding areas.

2.3 Data Evaluation and Reporting

This task involved a synthesis and evaluation of the data collected during the information review and field reconnaissance phases of this study, particularly with respect to known and anticipated geotechnical conditions and potential geologic hazards, such as faulting and seismicity; seismicinduced hazards, slope stability issues, and landslides. Based on an evaluation of the data, we have prepared this report to present a summary of our preliminary findings and opinions.

3.0 GEOLOGIC CONDITIONS

3.1 Geologic Setting

The project alignment is located within the Peninsular Ranges geomorphic province, a north-south oriented mountain range which extends from the southern edge of the Los Angeles Basin into Baja California, Mexico. Basement rocks of the Peninsular Ranges province include Cretaceous crystalline rocks of the Southern California Batholith and Jurassic metasedimentary and metavolcanic rocks of the Santiago Peak Volcanics.

The project alignment is situated within the San Diego Embayment, a deep sedimentary-filled basin which is underlain at depth by the basement rock complex. The sedimentary formations consist of nearly flat-lying to gently southwest dipping, marine and non-marine sediments which range from Cretaceous to Holocene in age.

3.2 Tectonic Setting

Tectonically, the San Diego region is situated in a broad zone of northwest-trending, predominantly right-slip faults that span the width of the Peninsular Ranges and extend offshore into the California Continental Borderland Province west of California and northern Baja California. At the latitude of San Diego, this zone extends from the San Clemente fault zone, located approximately 50 miles to the west, to the San Andreas fault located about 90 miles to the east.

Major active regional faults of tectonic significance include the Coronado Bank, San Diego Trough, San Clemente, and Newport-Inglewood/Rose Canyon fault zones which are located offshore; the faults in Baja California, including the San Miguel-Vallecitos and Agua Blanca fault zones; and the faults located further to the east in Imperial Valley which include the Elsinore, San Jacinto and San Andreas fault zones.

3.3 Geologic Units

For site characterization purposes, the subsurface materials along the project alignment can be categorized into fill materials and Quaternary alluvium. Each geologic unit can be distinguished by its origin or depositional character and has different compositional characteristics. A generalized geologic map is shown on Figure 1.

3.3.1 Fill Materials

Based on a review of the cross-sections and logs of test borings prepared by San Diego Geotechnical Consultants, Inc. for the design of the NMVIS, it appears that the entire project alignment is underlain by man-made fill of variable thickness ranging from approximately 10 feet to over 20 feet (SDGC, 1988). Beginning in World War II, sand and gravel mining operations stripped away most of the natural deposits along the river, down to below the groundwater table. These areas have since been refilled for later development. The composition of the fill materials encountered in the SDGC borings and test borings performed for the Mission Valley West LRT Extension (1999) includes a wide range of materials from silt to gravels and cobbles. Documentation regarding the source and original placement of the fill materials is not available.

3.3.2 Quaternary Alluvium

The published geologic map (Kennedy and Tan, 2005) and aforementioned test borings indicate that the fill materials are underlain by Quaternary alluvial deposits. The alluvium consists of channel, floodplain, and estuary deposits laid down by the San Diego River. These deposits have been disturbed by mining in many places. Based on a review of the Mission Valley West LRT Extension test borings, the depth of the alluvium along the project alignment is estimated to be on the order of 50 feet below the ground surface (bgs) or greater.

3.4 Groundwater

The project study area is located in the Mission San Diego Hydrologic Subarea of the Lower San Diego Hydrologic Area of the San Diego Hydrologic Unit (San Diego Regional Water Quality Control Board (SDRWQCB,1995). Groundwater in this area has beneficial agricultural and industrial service and process supply, and has been exempted by the Regional Board for the municipal use designation under the terms and conditions of the State Board Resolution No. 88-63, "Sources of Drinking Water" Policy.

The San Diego Hydrologic Unit is a triangular shaped area of approximately 440 square miles that includes the San Diego River watershed (SDRWQCB, 1995). Major storage reservoirs within this unit include San Vicente, El Capitan, Jennings, Murray and Cuyamaca reservoirs. These facilities serve portions of the San Diego Metropolitan area and the communities of Santee, El Cajon, Lakeside, Alpine and Julian.

Given the proximity of the project alignment to the San Diego River, shallow to near-surface groundwater is anticipated along proposed project alignment. The SDGC borings reportedly encountered groundwater at an approximate depth varying from 9 to 15 feet bgs. These depths correspond to elevations of 38 feet to 42 feet msl. The project alignment is also located within the 100 year flood zone (EDR, 2015).

4.0 GEOLOGIC HAZARDS

Geologic hazards are those hazards that could impact a site due to local and regional geologic and seismic conditions. Our evaluation of the various geologic hazards and their potential impact on the project alignment are discussed in the following sections.

4.1 Local Faulting

San Diego County is located in a seismically active area, typical of the southern California region. The project alignment is likely to experience moderate to severe ground shaking in response to a local or more distant large magnitude earthquake occurring during the expected life span of the proposed project.

The nearest mapped potentially active fault to the project alignment is the La Nacion fault zone (LNFZ). The LNFZ is comprised of several en echelon faults within a generally north-south trending broad system of faults across the southern San Diego metropolitan area. The faults are generally dipslip in nature with a down-to-the-west sense of separation. The main fault trace is mapped approximately 2 miles to the east of the project site (Kennedy and Tan, 1977; City of San Diego, 1995).

Geologic studies that have been performed on the LNFZ to date have not discovered any evidence for fault activity within Holocene time (11,000 years BP) (Dowlen, et.al, 1975; Hart, 1974). Based on the California Division of Mines and Geology fault classification criteria, the LNFZ may be considered "potentially active", meaning that it has documented evidence of movement within Pleistocene time (the last 1.5 to 2 million years) but no movement in Holocene time.

The closest major active fault to the project site is the Rose Canyon fault zone (RCFZ), approximately 4 miles west of the project site. The RCFZ is a complex set of anastomosing and enechelon, predominantly strike slip faults that extend from off the coast near Carlsbad to offshore south of downtown San Diego. Investigations of the RCFZ in the Rose Creek area (Rockwell et al, 1991) and in downtown San Diego (Patterson et al, 1986; Woodward-Clyde Consultants, 1994) found evidence of multiple Holocene earthquakes. Based on these studies, several fault strands within the RCFZ have been classified as active faults, and are included in Alquist-Priolo Special Studies Zones. A summary of the fault parameters is shown in Table 1 on the next page.

Table 1 Summary of Fault Parameters

	Rose Canyon fault zone (San Diego Section)
Maximum Moment Magnitude	6.8
Fault Type	Strike-Slip (SS)
Fault Dip Angle	90 degree
Dip Direction	Vertical
Bottom of Rupture Plane	8 km
Top of Rupture Plane	0
Rrup*	6.432 km
Rjb*	6.432 km
Rx*	6.432 km
Fnorm*	0
Frev*	0

	Rose Canyon Fault Zone (Silver Strand Section - Downtown Graben Fault)
Maximum Moment Magnitude	6.8
Fault Type	Strike-Slip (SS)
Fault Dip Angle	90 degree
Dip Direction	Vertical
Bottom of Rupture Plane	8 km
Top of Rupture Plane	0
Rrup*	6.822 km
Rjb*	6.822 km
Rx*	3.420 km
Fnorm*	0
Frev*	0

Table 1 (Continued) Summary of Fault Parameters

	Rose Canyon fault zone (Silver Strand section-Spanish Bight fault)
Maximum Moment Magnitude	6.8
Fault Type	Strike-Slip (SS)
Fault Dip Angle	90 degree
Dip Direction	Vertical
Bottom of Rupture Plane	8 km
Top of Rupture Plane	0
Rrup*	7.201 km
Rjb*	7.201 km
Rx*	7.198 km
Fnorm*	0
Frev*	0

* Definition of Terms in Table 1

Rrup - Closest distance (km) to the fault rupture plane.

Rjb - Joyner-Boore distance: The shortest horizontal distance to the surface projection of the rupture area. Rjb is zero if the site is located within that area.

Rx - Horizontal distance to the fault trace or surface projection of the top of rupture plane. It is measured perpendicular to the fault (or the fictitious extension of the fault).

Fnorm - Fault normal Frev - Fault reverse The project alignment is subject to moderate to severe ground shaking in response to a major earthquake occurring on the RCFZ or on one of the major regional active faults. The closest active regional faults to the project alignment with recurring magnitude 4.0 and greater earthquakes are the Coronado Bank, the Vallecitos-San Miguel, and the Elsinore fault zones. Other more distant, active regional faults that are considered potential sources of seismic activity include the offshore located San Diego Trough and San Clemente fault zones and some of the faults in Imperial Valley which include the San Jacinto and San Andreas fault zones.

The location of the project alignment in relation to the active faults in the region is shown on the Regional Fault Map (Figure 2). The computer program EQFAULT (Blake, 2000, updated 2004) was used to approximate the distance of known faults to the project alignment. Seven (7) known active faults are identified within a search radius of 50 miles from the project alignment. A summary of seismic source characteristics for faults that present the most significant seismic hazard potential to the pipeline are presented in Table 2 below.

Table 2
Summary of Seismic Source Characteristics

Fault	Maximum Magnitude (Mw)	Peak Site Acceleration (g)	Closest Distance to Site (miles)
Rose Canyon	6.9	0.444	3.9
Coronado Bank	7.4	0.236	16.8
Newport-Inglewood (offshore)	6.9	0.080	31.5
Elsinore - Julian	7.7	0.077	37.0
Elsinore - Temecula	7.7	0.051	41.9
Earthquake Valley	6.5	0.039	42.2
Elsinore - Coyote Mountain	7.7	0.045	46.3

4.2 Historical Seismicity

EQSEARCH is a program that performs automated searches of a catalog of historical Southern California earthquakes. As the program searches the catalog, it computes and prints the epicentral distance from a selected site to each of the earthquakes within a specified radius (100 kilometers). From the computed distance, the program also estimates (using an appropriate attenuation relation) the peak horizontal ground acceleration that may have occurred at the site due to each earthquake. Based on the blow counts which are shown on the logs of borings which were performed for the NMVIS, a V_{S30} of 250 m/s was estimated for the project alignment

Based on the estimated shear wave velocities and our visual observations of the on-site geologic units, site Class D attenuation was used for all of our analysis. We used a combined earthquake catalog for magnitude 5.0 or larger events which occurred within 100 kilometers of the project alignment between 1800 and December 1999. The earthquake catalog for events prior to about 1933 is limited to the higher magnitude events.

The search results indicate that the nearest earthquake of magnitude 5.0 occurred on May 25, 1803 about 2.1 miles from the project alignment on an unmapped fault in the Allied Gardens area of San Diego. The seismic event resulted in a calculated ground acceleration of 0.227g. The largest site acceleration generated from this search is 0.256 g which was the result of a 6.5 magnitude earthquake which occured on November 22, 1800 on a strand of the Rose Canyon Fault Zone (Del Mar Section). The largest magnitude earthquake reported was a magnitude 7.0 event in 1858, located 78.9 miles of the project alignment on a strand of the Fontana Fault in the Riverside area of California which resulted in a calculated ground acceleration of 0.021 g.

It is our opinion that the major seismic hazard affecting the project alignment would be seismic-induced ground shaking. The alignment will likely be subject to moderate to severe ground shaking in response to a local or more distant large magnitude earthquake occurring during the life of the proposed project. For project design purposes, we recommend that the RCFZ be considered as the dominant seismic source.

4.3 Seismic Design Parameters

For structural design in accordance with the 2010 ASCE 7 procedures, the United States Geological Survey Design Maps (USGS, 2013) were used to calculate ground motion parameters for the project alignment. The Risk-Targeted Maximum Considered Earthquake (MCE_R) ground motion response acceleration is calculated based on the most severe earthquake effects considered by ASCE 7-10 determined for the orientation that resulted in the largest maximum response to the horizontal ground motions and with adjustment to the targeted risk. The Maximum Considered Earthquake Geometric Mean (MCE_G) is determined for the geometric peak ground acceleration and without adjustment for the targeted risk. The MCE_G Peak Ground Acceleration (PGA) adjusted for site effects (PGA_M) should be used for design and evaluation of liquefaction, lateral spreading, seismic settlements, and other soil related issues.

The calculated seismic design parameters are presented in Table 3 on the next page. The design criteria are based on the soil profile type as determined by existing subsurface geologic conditions, on the proximity of the site to a nearby fault and on the maximum moment magnitude and slip rate of the nearby fault. The Design Response Spectrum and Risk-Targeted Maximum Considered Earthquake (MCE_R) Response Spectrum are shown on Figures 3 and 4, respectively.

Table 3
Summary of Seismic Design Parameters

<u>REFERENCE</u>	<u>PARAMETER</u>
Table 20.3-1 Site Classification	Site Class = D
Figure 22-1	$S_S = 1.038 g$
Table 11.4-1 Site Coefficient Fa	Fa = 1.085
Figure 22-2	$S_1 = 0.398 g$
Table 11.4-2 Site Coefficient Fv	Fv = 1.604
Equation 11.4-1	$S_{MS} = 1.126 g$
Equation 11.4-2	$S_{M1} = 0.638 g$
Equation 11.4-3	$S_{DS} = 0.751 g$
Equation 11.4-5	$S_{D1} = 0.426 g$
Figure 22-12	$T_L = 8$ seconds
Figure 22-7	PGA = 0.436 g
Equation 11.8-1	$PGA_{M} = 0.464 g$
Figure 22-17	$C_{RS} = 0.899$
Figure 22-18	$C_{R1} = 0.958$

Figure 22-1	Ss Risk-Targeted Maximum Considered Earthquake (MCER) Ground Motion Parameter for the Conterminous United States for 0.2 s Spectral Response Acceleration (5% of Critical Damping), Site Class B.
Figure 22-2	S1Risk-Targeted Maximum Considered Earthquake (MCER) Ground Motion Parameter for the Conterminous United States for 1.0 s Spectral Response Acceleration (5% of Critical Damping), Site Class B.
Figure 22-12	Mapped Long-Period Transition Period, TL(s), for the Conterminous United States.
Figure 22-7	Maximum Considered Earthquake Geometric Mean (MCEG) PGA, %g, Site Class B for the Conterminous United States.
Figure 22-17	Mapped Risk Coefficient at 0.2 s Spectral Response Period, CRS.
Figure 22-18	Mapped Risk Coefficient at 1.0 s Spectral Response Period, CR1.

Based on the calculated S_{DS} of 0.751 g and S_{D1} of 0.426 g, a Seismic Design Category of "D" may be used for design of facilities with risk categories I, II and III.

4.4 Liquefaction

Seismic-induced soil liquefaction is a phenomenon during which loose, saturated granular materials undergo matrix rearrangement, develop high pore water pressure, and lose shear strength due to cyclic ground vibrations induced by earthquakes. Manifestations of soil liquefaction can include loss of bearing capacity below foundations, surface settlements and tilting in level ground, and instabilities in areas of sloping ground. Soil liquefaction can also result in increased lateral and uplift pressures on buried structures.

Based on a review of the logs of the borings performed for the NMVIS, it appears that the fill materials have low to moderate liquefaction potential whereas the alluvial deposits have low to high potential for liquefaction. Liquefaction phenomena along the project alignment most likely would manifest itself as local ground subsidence and settlement.

4.5 Landslides

A review of the published geologic maps indicates that the project site is not located on or below any known (mapped) ancient landslides. Furthermore, a review of the State of California Seismic Hazard Zones (2009) and City of San Diego Seismic Safety Study Geologic Hazards and Faults map (1995) indicate that the site is not located in an area that is susceptible to landslide hazards.

4.6 Lateral Spread Displacement

Due to the relatively level ground surface elevation and the absence of nearby mapped faults, the project alignment is not considered susceptible to seismic-induced lateral spreading.

4.7 Differential Seismic-Induced Settlement

Differential seismic settlement occurs when seismic shaking causes one type of soil to settle more than another type. It may also occur within a soil deposit with largely homogenous properties if the seismic shaking is uneven due to variable geometry or thickness of the soil deposit.

The project alignment is generally underlain by fill materials of variable thickness, and alluvium to a depth of approximately 50 feet bgs. There may be areas with low to moderate potential of differential settlement along the project alignment where sharp transitions between fill thickness and consistency of the alluvium occur.

4.8 Ground Lurching

Ground lurching is a permanent displacement or shift of the ground in response to seismic shaking. Ground lurching occurs in areas with high topographic relief, and usually occurs near the source of an earthquake. These displacements can result in permanent cracks in the ground surface. Considering the absence of nearby active faults, it is our opinion that ground lurching does not represent a potential hazard along the proposed project alignment.

4.9 Expansive Soils

Based on a review of the laboratory test results performed for the NMVIS, the onsite fill materials are considered to possess low expansion potential.

4.10 Compressible Soils

Based on a review of the logs of borings performed for the NMVIS and the Mission Valley West LRT Extension, it appears that the fill materials and alluvial deposits are not compressible.

4.11 Secondary Hazards

Given the elevation of the project alignment and the absence of nearby large bodies of water, the risk of damage resulting from seismic-induced seiches or tsunamis is considered negligible. In the event of failure or spillage of one of the upstream dams, the site will be subject to damage due to flooding and erosion.

The project alignment is located within the 100-year flood plain. Seasonal flooding caused by overflows of Murphy Canyon Creek and/or San Diego River from heavy rainfall events should be anticipated.

5.0 CONSTRUCTION CONSIDERATIONS

5.1 Earthwork

5.1.1 General Requirements

The earthwork operations for the project should be performed in accordance with the approved plans and specifications for the project, the applicable provisions of the City of San Diego Grading Ordinance, and Section 300 of the latest edition of Standard Specifications for Public Works Construction (SSPWC, known as the "Green Book").

5.1.2 Soil Excavation Characteristics

Based on our experience with similar geologic units, we anticipate that excavations in the on-site soil materials can be easily accomplished using conventional heavy-duty excavation equipment.

5.1.3 Fill Materials

The soil materials generated from excavations at the project site are considered suitable for use and placement as structural fill in the proposed building areas. Fill materials should be free of biodegradable materials, hazardous substance contamination, or other deleterious debris. If the fill materials contain rocks or hard lumps, at least 70 percent (by weight) of its particles shall pass a U.S. Standard ³/₄-inch sieve. Fill materials should consist of predominantly granular soil (less than 50 percent passing the U.S. Standard #200 sieve) with Expansion Index of less than 30. Biodegradable materials, hazardous substance contamination, or other deleterious debris will need to be segregated, stockpiled and removed from the project site.

5.1.4 Fill Placement and Compaction

Prior to placement of fill materials, the firm competent ground which is determined to be satisfactory for the support of filled ground shall be plowed or scarified to a depth of at least 6 inches until the surface is free from ruts, hummocks, or other uneven features which would tend to prevent uniform compaction by the equipment to be used.

The fill materials should then be moisture-conditioned, placed and uniformly compacted in layers until final elevations are reached. Each layer should be no thicker than will allow for adequate bonding and compaction, but shall not exceed 8 inches in loose (uncompacted) thickness. Unless otherwise specified, all fills shall be compacted to at least 90 percent of maximum dry density as determined in the laboratory by the ASTM D1557 test method. Fill placed within 24 inches below the bottom of the bikeway pavement section should be compacted to at least 95 percent of maximum dry density. Field density testing shall be performed in accordance with either the Sand Cone Method (ASTM D1556) or the Nuclear Gauge Method (ASTM D2922 and D3017).

5.2 Retaining Walls

Based on the information provided by QIC, it is our understanding that the proposed retaining walls will be designed using the Caltrans Standard Plans (2010 Edition) for Type 1 and Type 5 retaining walls. The wall heights have not been determined at the time of the preparation of this report. However, based on the information provided by QIC, it is anticipated that maximum height of the proposed retaining wall is on the order of 8 feet.

We recommend that the wall foundations be supported on properly compacted filled ground. Where applicable, it is recommended that a setback of at least 6 feet be observed for retaining wall foundations from the top of any slope. Where walls are closer than 6 feet from the top of a slope, it is recommended that the foundations in those areas be deepened such that the exterior face of the footing at its bottom level is at least 6 feet away from the face/surface of the slope at the same level. No reduction in friction and passive pressure is required for retaining walls designed as above.

Gross nominal bearing resistance of 6 ksf for footings up to 6 feet wide, 8 ksf for footings between 6 feet and 10 feet wide, 10 ksf for footings up to 16 feet wide (or mat foundation) may be used for the design of the retaining wall foundations. The permissible net contact stress is estimated to be on the order of 8 ksf for one inch settlement and an assumed soil angle of friction of 30°.

An active soil pressure equivalent to that generated by a fluid weighing 32 and 48 pounds per cubic foot, for level and 2:1 (horizontal: vertical) sloped backfill, respectively, may be used for design of these walls assuming that they are free to rotate at the top at least 0.001H (where H is the height of the wall). An at-rest soil pressure equivalent to that generated by a fluid weighing 60 pounds per cubic foot may be used for design of restrained walls.

For seismic loading, an inverted triangular pressure distribution of 5 pcf (equivalent fluid pressure, Level II seismic event) may be used in addition to the static earth pressures. This seismic earth pressures may be assumed to act at 0.6H from the bottom of the wall and are applicable for both cantilever and braced conditions. Forces resulting from wall inertia effects are expected to be relatively minor for non-gravity walls and/or walls retaining less than 5 feet of backfill materials, and may be ignored in estimating the seismic lateral earth pressure.

Lateral loads may be resisted by a passive pressure equivalent to that generated by a fluid weighing 250 pounds per cubic foot, and maximum passive resistance is limited to 2,500 pounds per square foot. A coefficient of friction of 0.35 between concrete and soil may be used to calculate the resistance to sliding provided that the concrete is placed directly against the soil. Passive pressure and friction may be used in combination, without reduction, in determining the total resistance to lateral loads.

The above recommendations assume properly drained granular backfill with no surcharge. Surcharge and foundation loads occurring within a horizontal distance equal to the wall height should be added to the lateral pressures.

All retaining walls should be properly waterproofed and provided with a gravel and perforated pipe drain system to reduce the potential for hydrostatic pressure build-up behind the walls. The discharge from the wall subdrain should be directed to flow into a nearby located on-site drainage facility. As an alternative to a pipe and gravel drain system, a pre-manufactured drainage product such as "Mirafi G100N" or equivalent, may be used.

We recommend that the wall be backfilled with soil materials which have less than 40 percent passing the standard #200 sieve and not less than 70 percent passing the U.S. standard 3/4-inch sieve, and expansion index of less than 20 and sand equivalent of at least 30. In addition, the backfill materials should not contain any organic debris, rocks or hard lumps greater than 6 inches, or other deleterious materials. All wall backfill soils should be compacted to at least 90 percent of maximum dry density as determined in the laboratory by the ASTM D1557 testing procedures. Small, hand-operated compacting equipment should be used for compaction of wall backfill soils. If large equipment is used, additional lateral pressures due to equipment weight should be considered in the design of the wall.

5.3 Fill Slope

Construction of the elevated portion of the bikeway at the eastern terminus and along the slope between IKEA and the trolley line at the western terminus of the project alignment may require the construction of fill slopes. The new fill slopes are anticipated to be less than 6 feet in height and have a slope gradient of 2:1 (horizontal: vertical) or gentler.

Provided that the new fill slopes are constructed with structural fill which meet the criteria presented in Section 5.1.3, the new fill slopes should have a factor of safety greater than 1.5 against deep-seated and shallow failures under static loading and a factor of safety greater than 1.1 under pseudo-static loading. All slopes should be planted, drained and maintained to reduce erosion. It is recommended that the frequency and amount of irrigation be kept to a minimum to support the vegetation cover without overwatering. Surface drainage should not be allowed to flow directly over the surface of the slopes.

Where fills are to be placed on hillsides or slopes with gradients greater than 10 percent, horizontal benches shall be cut into firm undisturbed natural ground in order to provide both lateral and vertical stability. This is to provide a horizontal base so that each layer is placed and compacted on a horizontal plane. The initial bench at the toe of the fill shall be at least 10 feet in width and 2 feet in depth on firm undisturbed natural ground at the elevation of the toe stake placed by the surveyor. The Engineer shall determine the width and frequency of all succeeding benches which will vary with the soil conditions and the steepness of the slope.

5.4 Temporary Excavation

Excavation and safety during construction are the sole responsibility of the contractor. Excavations should be performed in accordance with applicable Local, State, and prevailing Federal and Cal OSHA safety regulations to prevent excessive ground movement and failure.

Unsupported temporary excavations along the project alignment may be constructed at an inclination no steeper than 1.5 : 1 (horizontal to vertical), or flatter, up to a maximum height of 15 feet. Temporary construction slopes are considered to have a factor of safety against deep-seated failure in excess of 1.2 under static conditions.

Observations will need to be performed during site grading to check that no adverse conditions, geologic features or discontinuities are exposed in the excavation which may necessitate shoring or tie-backs. The contractor should exercise caution and provide adequate safety measures during excavations to protect equipment and/or personnel working directly below any excavation. Adequate safety measures include, but are not limited to, providing proper drainage control above and below the excavation, and elimination of any surcharge within a lateral distance equal to the height of the excavations.

5.5 Temporary Shoring

Prevailing Federal and Cal OSHA safety regulations require that any excavations 4 feet or deeper be either sloped (if sufficient construction space or easement is available), shored, braced, or protected with an approved sliding trench shield.

The safety of the excavation and the design and construction of the shoring system shall be the sole responsibility of the contractor. Prior to commencement of the excavation work, it is recommended that all existing structures within a horizontal distance that is at least two times the depth of the excavation be inspected to document their existing conditions. Documentation should include photographs of the existing building and site conditions as well as field surveys of the building floors and exterior pavements.

During the course of the construction, deflection of the shoring system should be regularly monitored. In addition, the structures should be periodically inspected for signs of distress. Continued field surveys should be performed to check and document any movement of slabs and pavements resulting from the construction activities. In the event that distress or settlement is noted, an investigation should be performed and appropriate corrective measures should be taken to protect the structures from any further distress/movement.

5.5.1 Settlement

Settlement of existing street improvements and/or utilities adjacent to the shoring may occur in proportion to both the distance between shoring system and adjacent structures or utilities and the amount of horizontal deflection of the shoring system. Vertical settlement will be maximum directly adjacent to the shoring system, and decreases as the distance from the shoring increases. At a distance equal to the height of the shoring, settlement is expected to be negligible. Maximum vertical settlement is estimated to be on the order of 75 percent of the horizontal deflection of the shoring system. It is recommended that shoring be designed to limit the maximum horizontal deflection to ½-inch or less where structures or utilities are to be supported.

5.5.2 Lateral Earth Pressures

Temporary shoring should be designed to resist the pressure exerted by the retained soils and any additional lateral forces due to loads placed near the top of the excavation. For design of braced shorings supporting fill materials and topsoil the recommended lateral earth pressure should be 30H psf, where H is equal to the height of the retained earth in feet. For braced shoring supporting bedrock, the recommended lateral earth pressures may be reduced to 20H psf. Any surcharge loads would impose uniform lateral pressure of 0.3q, where "q" equals the uniform surcharge pressure. The surcharge pressure should be applied starting at a depth equal to the distance of the surcharge load from the top of the excavation.

The recommended lateral earth pressures have been developed based on several assumptions, as follows: the shored earth is level at the surface; there are no hydrostatic pressures above the bottom of the excavation; and the shoring system is temporary in nature. In the event that the water table rises above the bottom of the excavation, it is recommended that a hydrostatic pressure equal to $62.4h_w$ psf, where " h_w " is equal to the height of groundwater above the bottom of the excavation, be added to the lateral pressure.

5.5.3 Lateral Bearing Capacity

Resistance to lateral loads will be provided by passive soil resistance. The same allowable passive resistance presented in Section 5.2 may also be used to calculate lateral bearing capacity for design of temporary shorings.

5.6 Dewatering

Proposed excavations for the subject project are anticipated to be less than 5 feet in depth and under normal conditions not expected to extend below the groundwater table. We therefore do not anticipate the need for dewatering of foundation and trenched excavations made during construction. The contractor should, however, anticipate the possible need for sump pumps in the event that localized perched water conditions are encountered during construction. The design, installation, and operation of any construction dewatering measures necessary for the project shall be the sole responsibility of the contractor.

It must be noted that the project alignment is located adjacent to the San Diego River and subject to seasonal flooding and high groundwater level. In the event that project construction is performed during a wet season, the use of shallow well points in combination with sump pump may be require to keep the project excavations dry.

5.7 North Mission Valley Interceptor Sewer

The retaining walls that will be constructed on the slope between IKEA and the trolley line at the western terminus of the project alignment may be located over the 78-inch diameter City of San Diego North Mission Valley Interceptor Sewer. Considering the dimension and age of the sewer pipeline, we recommend that an analysis be performed to evaluate the loading impact from the retaining walls' foundation on the existing sewer pipeline.

5.8 Additional Geotechnical Studies

The findings of this desktop study are based on a cursory evaluation of readily available information which is generally very limited and contain data gaps in many areas. We therefore recommend that additional geotechnical studies be performed for final design of the proposed project. Subsurface field exploration for the subject project should at a minimum include the performance of soil borings or test pits in the area of the proposed retaining walls.

6.0 LIMITATIONS

The information presented in this report is intended for the sole use of QIC and the SANDAG in their planning and design of the subject project. Our firm did not perform an investigation to evaluate the subsurface conditions along the project alignment. This report is based on a review and evaluation of readily available information, various assumptions to bridge over data gaps, and our previous experience in the general project study area.

This study was performed in accordance with the authorized scope of work for this project. The findings and professional opinions presented in this report were developed in general conformance with the current practices and standard of care exercised by local geotechnical engineering consultants performing similar tasks at the present time. No other warranty, either expressed or implied, is made with regard to the findings and professional opinions presented in this report.

7.0 REFERENCES

Blake, T.F., 2000, EQFAULT and EQSEARCH Version 3.0.

California Department of Transportation 2010 Standard Plans.

California Department of Transportation 2010 Standard Specifications.

City of San Diego Seismic Safety Study, 1995 edition.

Department of Conservation, California Geological Survey Regulatory Hazard Zones Maps for Earthquake Faults, Liquefaction and Landslide Zones.

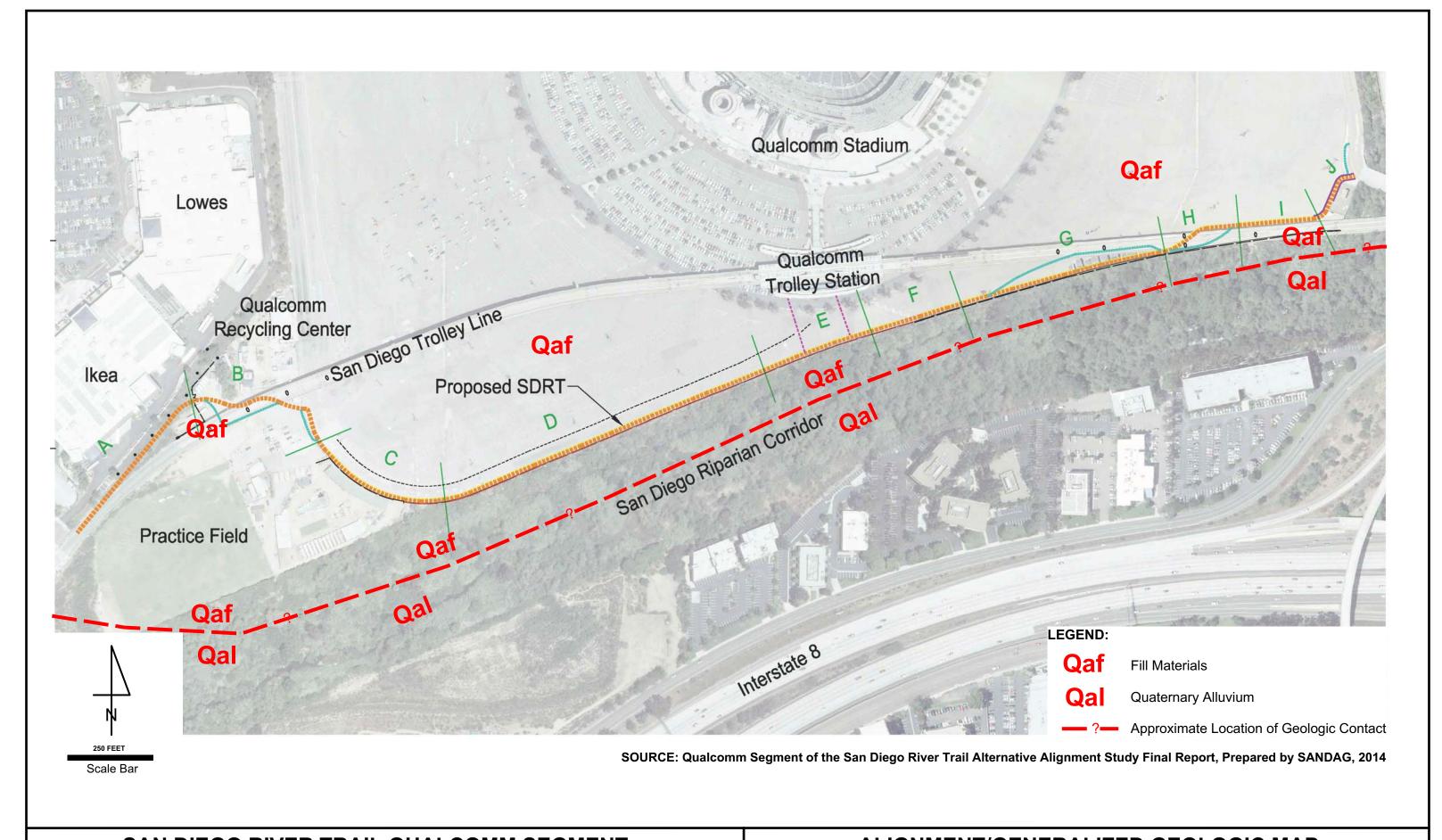
Environmental Data Resources, Inc., "EDR Radius Map with GeoCheck, San Diego River Trail Qualcomm Segment, 9449 Friars Road, San Diego, CA 92108, Inquiry Number: 4333219.2s", dated June 22, 2015.

Geotracker Data Base - (http://geotracker.waterboards.ca.gov).

Hart, E.W., 1992, "Fault Rupture Hazard Zones in California": California Division of Mines and Geology, Special Publication No. 42.

International Conference of Building Officials, 1997, Maps of Known Active Fault Near Source Zones in California and Adjacent Portions of Nevada.

- Kennedy, M.P. and Peterson, G.L., 1975, "Geology of the San Diego Metropolitan Area, California", California Division of Mines and Geology, Bulletin 200.
- Kennedy, M.P, and Tan, S.S, 2005, "Geologic Map of the San Diego 30' x 60' Quadrangle, California", Digital Preparation by U.S. Geological Survey.
- MTDB, "Mission Valley West LRT Extension, Stadium Segment, Log of Test Borings, Sta 279+50 to 311+00", Drawing No. B-193 thru B-198, sheets 491 thru 494, As-Built February 1999.
- Patterson, R.H., D.L. Schug, and B.E. Ehleringer, 1986, "Evidence of Recent Faulting in Downtown San Diego, California" in Geological Society of America, Abstracts With Programs, v. 18, No. 2, p. 169.
- Quality Infrastructure Corporation, "San Diego River Trail Qualcomm Segment", preliminary sketches, undated.
- Rockwell, T.K., et al, 1991, "Minimum Holocene Slip Rate for the Rose Canyon Fault in San Diego, California" in Environmental Perils in the San Diego Region (P.L. Abbott and W.J. Elliott, editors): San Diego Association of Geologists, pp. 37-46.
- SANDAG,"Qualcomm Segment of the San Diego River Trail Alternative Alignment Study, Final Report', report dated 2014.
- San Diego Geotechnical Consultants, Inc., "Detailed Geotechnical Study North Mission Valley Interceptor Sewer Stadium Way to Fairmount Avenue, San Diego, California", unpublished consulting report, dated August 25, 1988.
- State of California, "San Diego Region Hydrologic Basin Planning Area", Regional Water Quality Control Board, San Diego Region, revised April 1995.
- Tan, S.S., 1995, "Landslide Hazards in the Southern Part of the San Diego Metropolitan Area, San Diego County, California, Landslide Hazard Identification Map No. 33", DMG Open-File Report 95-03.
- Treiman, J.A., 1993, "The Rose Canyon Fault Zone, Southern California": California Division of Mines and Geology Open File Report 93-02.
- Woodward-Clyde Consultants. 1982. "Evaluation of Liquefaction Susceptibility in the San Diego, California Urban Area", Final Technical Report sponsored by U.S. Geological Survey Contract No. 14-08-0001-19110.
- USGS, 2013, ASCE 7-10 Design Maps.

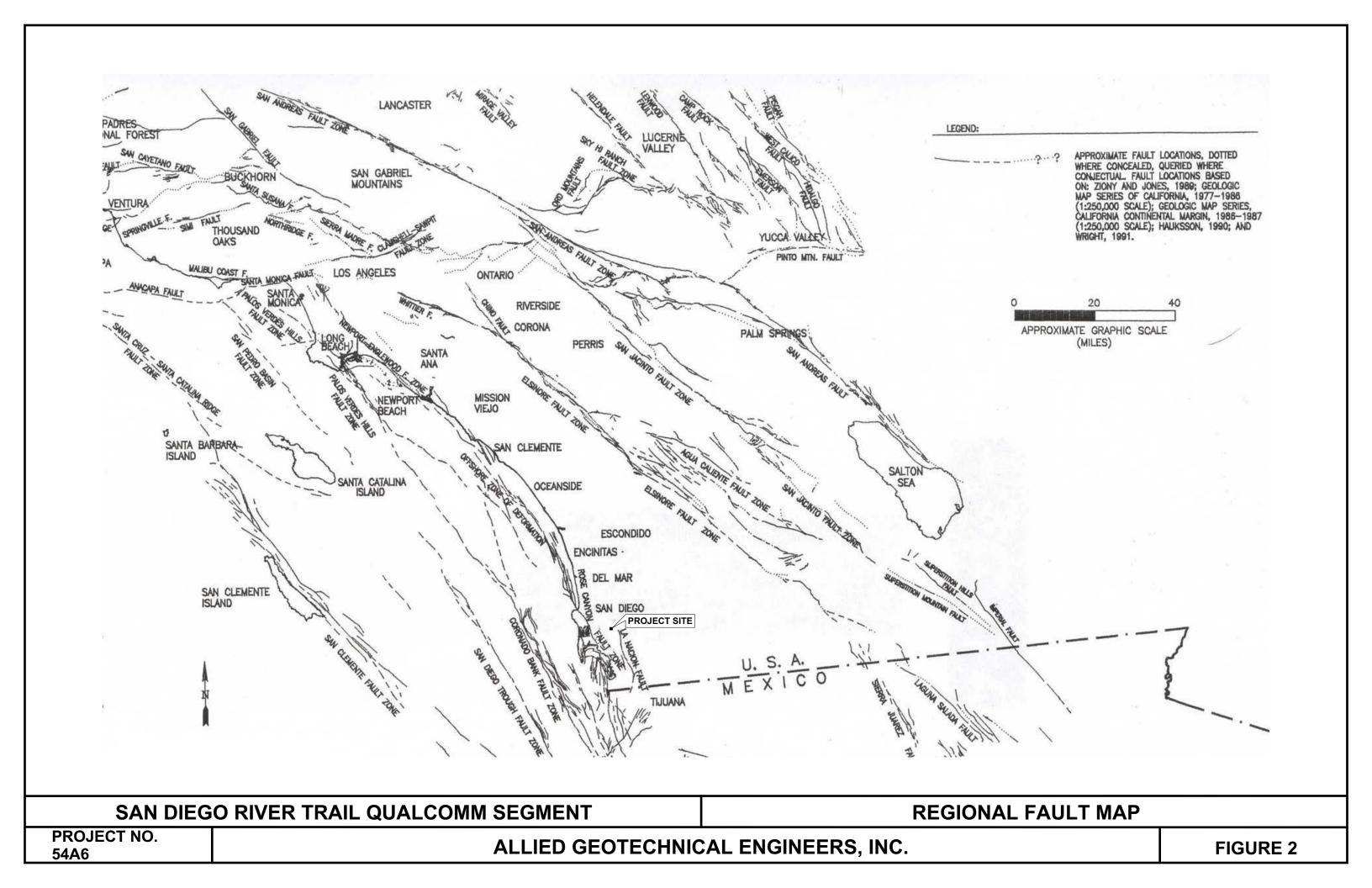


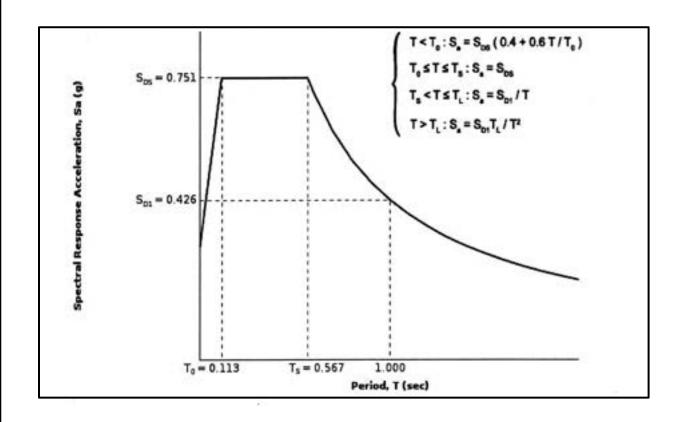
SAN DIEGO RIVER TRAIL QUALCOMM SEGMENT

PROJECT NO.
54A6

ALLIED GEOTECHNICAL ENGINEERS, INC.

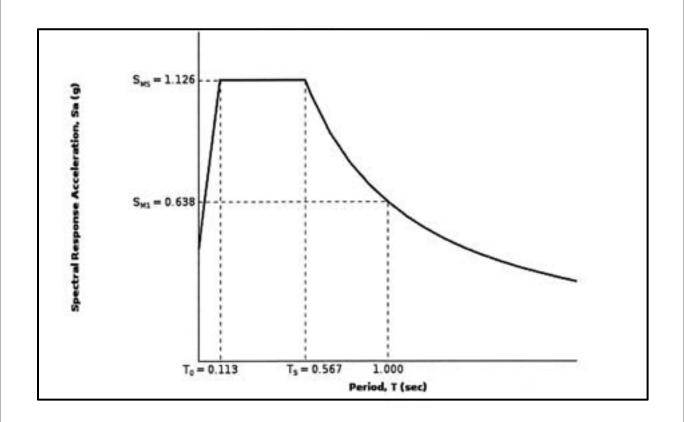
FIGURE 1





DESIGN RESPONSE SPECTRUM				
	SAN DIEGO RIVER TRAIL QUALCOMM SEGME	NT		
PROJECT NO.	ALLIED GEOTECHNICAL ENGINEERS, INC.	FIGURE 3		

54A6



RISK-TARGETED MAXIMUM CONSIDERED EARTHQUAKE (MCE _R)
SAN DIEGO RIVER TRAIL QUALCOMM SEGMENT

PROJECT NO. 54A6

ALLIED GEOTECHNICAL ENGINEERS, INC.

FIGURE 4

Appendix E

PHASE I ENVIRONMENTAL SITE ASSESSMENT

FINAL PHASE I ENVIRONMENTAL SITE ASSESSMENT SAN DIEGO RIVER TRAIL QUALCOMM STADIUM SEGMENT SAN DIEGO ASSOCIATION OF GOVERNMENTS

Submitted to:

QUALITY INFRASTRUCTURE CORPORATION 7777 Alvarado Road, Suite 606 La Mesa, CA 91942

Prepared By:

ALLIED GEOTECHNICAL ENGINEERS, INC. 9500 Cuyamaca Street, Suite 102 Santee, California 92071-2685

October 22, 2015



October 22, 2015

Kirk Bradbury, P.E. Quality Infrastructure Corporation 7777 Alvarado Road, Suite 606 La Mesa, CA 91942

Subject:

FINAL PHASE I ENVIRONMENTAL SITE ASSESSMENT

SAN DIEGO RIVER TRAIL QUALCOMM STADIUM SEGMENT

SAN DIEGO ASSOCIATION OF GOVERNMENTS

AGE Project No. 54A6

Dear Mr. Bradbury:

In accordance with your request, we have performed a Phase I Environmental Site Assessment for the above-mentioned subject project. We are pleased to submit the accompanying report to present a summary of our findings, opinions and conclusions. This Final Report incorporates our response to the review comments that we have received from SANDAG on our report dated August 20, 2015.

Should you have any questions regarding the contents of the report or if we may be of further assistance, please feel free to contact our office.

Sincerely,

ALLIED GEOTECHNICAL ENGINEERS, INC.

Nicholas Barnes, P.G., C.E.G.

Muholan & B.

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Sellioi Geologist

NB/SS/TJL:cal

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INTRODUCTION

1.0 INTRODUCTION

1.1 **Project Background**

In accordance with the request of Quality Infrastructure Corporation (QIC), Allied Geotechnical Engineers, Inc. (AGE) has performed a Phase I Environmental Site Assessment (Phase I ESA) study for the San Diego River Trail (SDRT) Qualcomm Stadium Segment for the San Diego Association of Governments (SANDAG). The study was performed in conformance with AGE's proposal dated April 10, 2015, and the subconsultant agreement entered into by and between QIC and AGE on June 12, 2015.

The findings and recommendations of this study were presented in a report dated August 20, 2015. At the request of QIC we have prepared this updated report which incorporates our response to the review comments from SANDAG which we received on October 15, 2015.

SANDAG proposes to construct an approximately 0.8-mile segment of the SDRT through Qualcomm Stadium in the Mission Valley community of the City of San Diego. The proposed Qualcomm Segment of the SDRT would extend eastward from the terminus of Fenton Parkway along a vegetated slope behind the Fenton Marketplace shopping center and through the southern portion of the Qualcomm Stadium parking lot to connect with Rancho Mission Road.

The proposed project is located in a developed area with residential and commercial uses to the west, north, and east. The San Diego River is located adjacent to the proposed trail on the south, with commercial office development on the south side of the river. Most of the trail would occur on existing paved surfaces within the stadium parking lot, which is topographically flat. The western end of the proposed trail would occur on a slope behind the shopping center that contains some dense vegetation. The proposed trail would be a constructed as a Class I bikeway, which is a path that provides a separated right-of-way for the exclusive use of people walking and riding bikes.

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Existing improvements along and adjacent to the project alignments include landscaped area, the San Diego trolley line (both ground level and overhead tracks), Qualcomm Stadium Recycling Center, a soccer field, Qualcomm Stadium parking lot, Fenton Marketplace Shopping Center driveway behind the IKEA store, Qualcomm Trolley Station, and the 78-inch diameter North Mission Valley

Interceptor Sewer (NMVIS).

The proposed pedestrian/ bike pathway will require the construction of retaining walls in the areas between the IKEA driveway and the trolley line fence, and through the low lying area at its eastern terminus. Construction of the retaining walls at the eastern terminus of the project alignment will require removal of existing asphaltic concrete (A.C.) pavement.

1.2 Objective and Scope of Services

The objective of this Phase I ESA study is to review past and present land use practices and site operations to evaluate the potential presence of recognized environmental conditions within 1 mile of the proposed alignment. The scope of this ESA study included the performance of a visual site reconnaissance along the project alignment and the adjacent properties. The study also included a review of pertinent records/files maintained by various local regulatory agencies.

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The guidelines used for the definition of hazardous materials/hazardous wastes, as used in this

report, are referenced in the California Code of Regulations (CCR) "Title 22, Division 4.5". The

report has been prepared in general accordance with the procedures presented in ASTM E1527 - 13

(Standard Practice for Environmental Site Assessment: Phase I Environmental Site Assessment

Process) and ASTM E2600-10 (Standard Guide for Vapor Encroachment Screening on Property

Involved in Real Estate Transactions).

The scope of this study did not include a subsurface investigation to collect soil and groundwater

samples for analytical laboratory testing nor did it include a survey to evaluate the possible presence

of radon and/or methane gases along the project alignment. Furthermore, our study also did not

include an assessment of potential hazards associated with the presence of asbestos, lead-based

paint, lead in drinking water, wetlands, regulatory compliance, cultural and historic resources,

industrial hygiene, health and safety, ecological resources, endangered species, indoor quality or

electromagnetic fields which are not included in the scope of the ASTM E1527 - 13 standard.

The ASTM E1527 - 13 standard was specifically developed to assess potential environmental

concerns/issues pertaining to commercial real estate transactions. Considering that the ASTM

standard does not apply to the proposed project which involves the preliminary planning and

predesign of a pedestrian/bicycle pathway, we have modified some of the ASTM procedures as

described below:

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• Exclude review of Building Department Records, Property Tax Files, Land Title Records,

Local Street Directories, Zoning/Land Use Records, and Environmental Liens and Chain-of-

Title searches;

• Limit field reconnaissance to sites that were readily accessible; and

• Conduct interviews only with selected parties.

It is noted that the main purpose of the ASTM E1527 - 13 standard is to provide the user to satisfy

one of the requirements to qualify for the innocent landowner, contiguous property owner, or

bonafide prospective purchaser limitations on Comprehensive Environmental Response,

Compensation and Liability Act (CERCLA) liability which is not the purpose of this report.

Therefore, the modifications that we have made in this study are not expected to create data gaps that

would impact the evaluation of the proposed project.

1.3 Credentials

This report has been prepared by AGE under the professional supervision of the project manager

whose name and signature appears on the letter of transmittal. The information presented in this

report has received appropriate technical review, and the opinions represent professional judgements

which are based upon an interpretation of the data gathered during this Phase I ESA study and

AGE's experience in geotechnical and environmental consulting engineering services.

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SECTION ONE

1.4 Geologic Conditions

The project study area is situated within the San Diego Embayment, a deep sedimentary-filled basin

which is underlain at depth by the basement rock complex. The sedimentary formations consist of

nearly flat-lying to gently southwest dipping, marine and non-marine sediments which range from

Cretaceous to Holocene in age.

Mapped geologic units along the project alignment include Pleistocene to Holocene age alluvial

deposits (Kennedy and Tan, 2005). Although not shown on the published geologic map, man-made

fills are anticipated to occur along the majority of the alignment.

1.5 Hydrogeologic Conditions

The project study area is located in the Mission San Diego Hydrologic Subarea of the Lower San

Diego Hydrologic Area of the San Diego Hydrologic Unit (San Diego Regional Water Quality

Control Board (SDRWQCB),1995). Groundwater in this area has beneficial agricultural and

industrial service and process supply, and has been exempted by the Regional Board for the

municipal use designation under the terms and conditions of the State Board Resolution No. 88-63,

"Sources of Drinking Water" Policy.

The San Diego Hydrologic Unit is a triangular shaped area of approximately 440 square miles that

includes the San Diego River watershed (SDRWQCB, 1995). Major storage reservoirs within this

unit include San Vicente, El Capitan, Jennings, Murray and Cuyamaca reservoirs. These facilities

serve portions of the San Diego Metropolitan area and the communities of Santee, El Cajon,

Lakeside, Alpine and Julian.

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Given the proximity of the project alignment to the San Diego River, shallow to near-surface groundwater is anticipated along proposed project alignment. The log of test borings performed for the Mission Valley West LRT Extension (MTDB, 1999) indicate groundwater depths on the order of 5 to 21 feet below the ground surface (bgs). These depths correspond to elevations of 41 feet to 46 feet msl. The project alignment is located within the 100 year flood zone (EDR, 2015).

SECTION TWO

2.0 SCOPE OF WORK

The scope of this Phase I ESA study included the performance of several tasks which are more fully

described in the following sections.

2.1 Records Review

In order to assess whether current or past land uses at or adjacent to the project alignment may have

created a potential for contamination of the project alignment, we performed a review of readily

available public records maintained by various Federal, State, and Local environmental regulatory

agencies. The database search was performed by Environmental Data Resources, Inc. (EDR).

A copy of EDR's Data Map Environmental Atlas Report is presented in Appendix A. The limits of

database search and location of listed sites are shown on the EDR Data Map which is shown on

Figure 2.

The available database records were reviewed for the following areas:

• Within a 1/4-mile wide corridor along the proposed project alignment for registered

underground storage tanks (USTs) and Resource Conservation and Recovery Act (RCRA)

generators;

Within a 1/2-mile wide corridor along the proposed project alignment for leaking USTs,

landfill sites, and Comprehensive Environmental Response, Compensation and Liability

Information System (CERCLIS) sites;

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SECTION TWO

• Within a 1/2-mile wide corridor along the proposed project alignment for RCRA treatment,

storage and disposal facilities; and

Within a 1-mile wide corridor along the proposed project alignment for State and Federal

superfund sites.

A description of the databases searched by EDR is presented on Pages GR-1 through GR-43 of the

EDR report. A summary of the sites of potential concern identified in the EDR report is presented

on pages 1 through 285 of the EDR report. The approximate locations of these sites are shown on

the EDR Detail Map.

EDR was also requested to provide historical topographic maps, aerial photographs and Sanborn Fire

Insurance Maps. The historical topographic maps and aerial photographs were used to evaluate

historical development and land usage along the project alignment.

The Sanborn Maps were originally created for assessing fire insurance liability in urbanized areas

in the United States. The maps include detailed information regarding town and building

information in approximately 12,000 US towns and cities from 1867 to 2007. The Sanborn maps

themselves are large-scale lithographed street plans at a scale of 50 feet to one inch (1:600) on 21

by 25 inches (53 cm by 64 cm) sheets of paper. The maps were published in volumes, bound and

then updated until the subsequent volume was produced. Today, Sanborn maps are primarily used

for historical research. EDR, however, reported that no historical Sanborn Fire Insurance Maps are

available for the project alignment and surrounding area. EDR Certified Sanborn Map Report is

included in Appendix B.

Copies of the topographic maps and aerial photographs are included in Appendix C and D,

respectively.

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SECTION TWO

2.2 Visual Site Reconnaissances

Mr. Nicholas Barnes and Mr. Sani Sutanto from AGE conducted a site reconnaissance of the project

alignment and surrounding area on July 14, 2015. The purpose of the site reconnaissance was to

observe existing site conditions with regard to the presence of the Recognized Environmental

Conditions (RECs) which were identified in the EDR report.

Pursuant to ASTM E 1527-13, a REC is described as the presence or likely presence of any

hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the

environment; (2) under conditions indicative or a release to the environment; or (3) under conditions

that pose a material threat of a future release to the environment.

The term includes the presence of hazardous substances or petroleum products even under conditions

in compliance with laws and regulations. The term is not intended to include de minimis conditions

that generally do not present a material risk of harm to public health or the environment and that

generally would not be the subject of an enforcement action if brought to the attention of appropriate

governmental agencies.

A summary of our site reconnaissance is presented herein. Selected photographs taken during the

site reconnaissance visit are presented in Appendix E. The sites discussed herein are identified by

their EDR Map ID numbers.

SECTION TWO

Our site reconnaissance started inside the Qualcomm Stadium Parking lot (EDR Map ID Nos. A-3, A-4, A-5, A-7, A-9, A-11 and A-12). From the Qualcomm Trolley Station, we walked eastward along the southern edge of the parking lot to the eastern terminus at Rancho Mission Road. A series of stadium bleacher sections were stored toward the eastern end of the project alignment. Just past the bleacher storage area, the project alignment passes through the low point of the parking lot. A thick layer of silt was observed on the pavement which indicate past flooding events.

At the eastern edge of the parking lot, we reversed direction and walked back in a westerly direction. Once we reached the Qualcomm Stadium Recycling Center, the site reconnaissance continues north and northwest through the recycling center, under the overhead trolley tracks and stopped at the locked gate at the northwest corner of the recycling center.

We then drove to the southern cul-de-sac and Fenton Parkway, and walked in an easterly direction along the Fenton Shopping Center driveway (EDR Map ID Nos. G-38, G-40, G-41 and G-42) and observed the slope area located between the driveway and the trolley tracks.

The majority of the project alignment is asphalt concrete (A.C.) paved, and displays no visual indications of contamination. Surficial staining typical of leaking vehicle undercarriages was observed on asphalt and concrete pavement along the project alignment. Monitoring wells and vapor/groundwater extraction wells were observed at various locations throughout the stadium parking lot. Some of the wells are located in the vicinity of the project alignment. These wells were installed as part of the remediation program of the petroleum hydrocarbon contamination that resulted due to prior unauthorized releases from the Kinder Morgan tank farm site. Various storm drain crossings, inlets and outlets were observed during our reconnaissance. Manholes for North Mission Valley Interceptor Sewer were observed along the southern edge of the parking lot. No apparent chemical odors were detected during the reconnaissance.

2.3 Interviews

The scope of this ESA study also included telephone interviews with the following individuals:

- Mr. Sean McClain, California Regional Water Quality Control Board (RWQCB). His telephone number is (619) 521-3374.
- Mr. Mike McSweeney, general manager of Qualcomm Stadium for the City of San Diego. His telephone number is (619) 641-3100.

2.4 Data Interpretation and Reporting

This task involves the preparation of a written report to present a summary of our findings, opinions and recommendations based on the information gathered from our site reconnaissance and records review.

3.0 GOVERNMENTAL AGENCIES RECORDS REVIEW

3.1 Environmental Data Resources Data Map Environmental Atlas Report

For the purpose of this study, AGE retained the services of Environmental Data Resources (EDR) to conduct a search of Federal, State and Local environmental regulatory agency databases in conformance with the ASTM E1527 - 13 search parameters.

3.2 Records Review

Records with regard to the history/background and current status information for the sites of concern were obtained from the Geotracker website database records.

3.3 Historic Aerial Photographs, Topographical and Sanborn Maps

No historical Sanborn Fire Insurance Maps are available for the project study area. Available aerial photographs and topographical maps pertaining to the general site area were reviewed to assess historical usage of the project site and surrounding areas. Historical aerial photographs of the project study area that were reviewed cover the years 1949, 1953, 1964, 1970, 1979, 1989, and 1994.

Topographical maps for the La Mesa and La Jolla Quadrangles (1:24,000 to 1:62,500 scale) were reviewed, as well as the Southern California (1:250,000) Map Sheet. The years covered by the topographic maps are as follows:

GOVERNMENTAL AGENCIES RECORDS REVIEW

La Mesa - 1942, 1947, 1953, 1967, 1975, and 1994.

La Jolla - 1903, 1953, 1967, 1975, and 1996.

Southern California Sheet 2 - 1904.

SECTION FOUR SITE HISTORY

4.0 SITE HISTORY

The project study area is located in Mission Valley which was home to Native Americans for

thousands of years prior to the arrival of Europeans. The earliest documented construction near the

project site is the Mission Basilica San Diego de Alcala, established in 1769 by Spanish Friars. The

mission is located less than one mile east of the study area.

The 1903 La Jolla topographic map shows the San Diego Mission site and some structures in the

community of Grantville, approximately 1.4 miles northeast of the study area. Several unnamed

roads are also shown on the map at the approximate present day locations of Friars Road, Camino

Del Rio South, and I-15. The 1903 map depicts the San Diego River as having three channels within

an approximately 1,500-foot wide basin. The basin is located within the general footprint of the

present day Qualcomm Stadium. The three river channels are also evident in the 1949 and 1953

aerial photos.

The 1942 La Mesa topographic map shows extensive land development and road construction in

Normal Heights, and some additional development in Grantville. Friars Road, Camino Del Rio

Road and Highway 395 are named on the map, as well as several unimproved roads leading to

structures located in the general vicinity of the study area. A portion of what is referred to as Friars

Road on the map is shown along the present day alignment of San Diego Mission Road. Highway

395 is shown east of where present day I-15 traverses Mission Valley.

The 1949 and 1953 aerial photographs show tilled land on relatively level terraces on the north and

south sides of the San Diego River. Several isolated structures which may represent farmhouses

and/or outbuildings are visible on the photographs within the tilled areas. Several dirt roads and

structures that appear related to sand mining are present in the 1,500-foot wide river basin.

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SECTION FOUR SITE HISTORY

By 1953 the Alvarado Freeway had been constructed but contained only two traffic lanes in each direction. The 1953 topographic map and 1953 aerial photograph also show continuing land developments in Normal Heights and Grantville, and KSDO radio towers west of Highway 395 (east of present day I-15). Land developments are also present near the junction of the Alvarado Freeway and Highway 395. The map shows a well in the northern portion of the Qualcomm site, but no other significant nearby developments.

A 1964 aerial photograph shows a small reservoir nearly 1,000 feet in length and up to 200 feet wide along the main channel of the San Diego River at the approximate location of the project site, and several ponds within the river channel downstream of the site. The photograph also shows three storage tanks and several structures north of San Diego Mission Road and west of Highway 395, at the present day Kinder-Morgan tank farm site.

The 1967 La Mesa topographical map shows San Diego Stadium, the present day alignment of Friars Road, I-15 and a widened I-8 with 4-lanes in each direction. Construction of the stadium required realignment of the San Diego River channel to its present day location adjacent to the south side of the stadium parking lot. San Diego Stadium opened in August 1967 after 20 months of construction, and originally held 53,000 seats (www.sandiego.gov). The stadium was re-named San Diego Jack Murphy Stadium in 1982, and in 1984 was expanded to 61,000 seats including 50 skyboxes. By 1997 the stadium had expanded to 71,000 seats including a Club Level and 113 suites, and was re-named Qualcomm Stadium. Construction of the Mission Valley West Trolley line was completed in 1997. The trolley line features a raised track and a multi-level transit station which services Qualcomm Stadium.

A 1970 aerial photograph shows several structures located between I-8 and the San Diego River channel. The photo also shows a fourth storage tank at the Kinder-Morgan tank farm site. The 1979 aerial photograph shows additional land developments between I-8 and the San Diego River, and ongoing earthwork west of the stadium site. The land developments and earthwork were still ongoing in the 1989 aerial photograph. By 1994 an office complex had been completed west of the stadium parking lot south of Friars Road, and by 2001 construction of the Fenton Marketplace shopping mall had been completed. The mall is located west of the stadium parking lot and includes an IKEA, Lowe's and Costco stores.

DISCUSSIONS, FINDINGS AND OPINIONS

SECTION FIVE

5.0 DISCUSSION, FINDINGS AND OPINIONS

Based on the results of this ESA study, we would like to present the following summary of our

findings, opinions and recommendations with regard to the historic and current environmental

conditions and issues at the project site.

5.1 Environmental Risk Evaluation

The EDR report lists a total of 50 sites/cases of HREC and CREC within the boundary of the project

study area. A review of these sites/cases reveals that many of them are duplicate listings due to

changes in ownership and/or multiple agency listings/jurisdictions.

Based on review of the available background information and visual site observations gathered

during our site reconnaissance visits we have eliminated sites identified in the EDR report that are

not likely to pose a significant environmental hazard to the proposed project alignment. The

sites/cases which were eliminated include the following:

• cases/sites which do not involve UST and above ground storage tanks (AST);

• cases which only involve administrative violations;

• temporary construction permits only;

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- traffic accident reports only;
- small quantity generators and handlers;
- cases/sites which require Air Pollution Exposure Model for their employees; and
- EDR Historic U.S. Auto Station and Cleaner Listing without follow-up reference and/or documentation.

Based on our further review and evaluation of the remaining sites/cases, we have identified a total of twenty (20) REC sites/cases which are considered to pose a minimal risk to the proposed project. All these sites/cases previously or currently have USTs and ASTs, documented Leaking Underground Storage Tanks (LUST) leaks/releases, documented major spills, environmental site investigations, mitigations and/or cleanups. A listing and summary descriptions of these sites/cases are presented in Table 1 on the next page.

TABLE 1
Listing of REC Sites/Cases With Minimal Potential Impact

EDR Map ID	Site Name/Address	Primary Business Activity/Operation	Reasons for Potential Risk Designation
A-3	Neilson Dillingham Builders Inc. 9449 Friars Road San Diego, CA 92108	Construction	In 1997 disposed of 0.8428 tons of contaminated soil to a transfer station during site cleanup, no other details provided. Site is upgradient of the proposed project alignment. This case does not involve an unauthorized release and is not expected to impact the proposed project.
A-4	SDCTY Qualcomm Stadium, 9449 Friars Road San Diego, CA 92108	Sports facility	From 1993-2013, storage/bulking and/or offsite transfer of solid waste, and fuel blending prior to energy recovery at another site. Site is upgradient of the proposed project alignment. This case does not involve an unauthorized release and is not expected to impact the proposed project.
A-5	Robbie Gordon Stadium Super Truck 9449 Friars Road San Diego, CA 92108	Stadium sports event	In 2005 and 2013, storage/bulking and/or offsite transfer of solid waste, and incineration/recycling of organic and alkaline waste. No reported leaks. Site is upgradient of the proposed project alignment. This case does not involve an unauthorized release and is not expected to impact the proposed project.
A-7	Parking lot, San Diego Jack Murphy Stadium 9449 Friars Road San Diego, CA 92108	Leak incident	In 1995 there was a reported leak of approximately 1,000 gallons of dissolved jet fuel in the stadium parking lot. Herzog Construction performed spill cleanup; no other details provided. Site is upgradient of the proposed project alignment. Considering the age of the case and limited amount of unauthorized release, the case is not expected to impact the proposed project.

TABLE 1
Listing of REC Sites/Cases With Minimal Potential Impact

EDR Map ID	Site Name/Address	Primary Business Activity/Operation	Reasons for Potential Risk Designation
A-9	9449 Friars Road San Diego, CA 92108	Leak incident	In February of 2008 an equipment failure caused a hydrocarbon spill of 50 gallons onto the stadium parking lot during drilling operations. The spill was cleaned up with absorbents. No waterways were affected. Site is upgradient of the proposed project alignment. Considering the age of the case and limited amount of unauthorized release, the case is not expected to impact the proposed project.
A-10	Qualcomm Stadium 9449 Friars Road San Diego, CA 92108	Sports facility	County of San Diego Department of Environmental Health (DEH) Case No. H21360-001 due to gasoline spill affecting soils only was initiated on December 7, 2005 and closed on March 15, 2007. Case was a private Voluntary Assistance Program (VAP), no details provided. Site is upgradient of the proposed project alignment. Considering the age of the case and case closed status, the case is not expected to impact the proposed project.
A-11	9449 Friars Road San Diego, CA 92108	Spill incident	In February of 2014 approximately 40 gallons of fluorescent dye was coming out of a storm drain mixed with water, and may have affected the San Diego River. San Diego Fire Rescue Hazmat could not determine the source. Spill was allowed to dry; no cleanup was performed. Site is upgradient of the proposed project alignment. Considering the limited amount of unauthorized release, the case is not expected to impact the proposed project.

TABLE 1
Listing of REC Sites/Cases With Minimal Potential Impact

EDR Map ID	Site Name/Address	Primary Business Activity/Operation	Reasons for Potential Risk Designation
A-12	9449 Friars Road	Sports facility	In February of 2003 leaking refrigerant in a motor home injured
	San Diego, CA		three people in the stadium parking lot. The leak did not affect any
	92108		waterways.
			A 550 gallon UST containing leaded gasoline was removed in 1991, a 1,000 gallon UST containing unleaded gasoline was removed in 2004, and two 1,000 gallon USTs containing diesel fuel were removed in 2004. No documented leaks. During our telephone interview with Mr. Mike McSweeney, we were informed that the former USTs were located in a maintenance building in the southwest portion of the stadium property.
			The facility maintains a 500 gallon AST containing diesel fuel and
			a 1,000 gallon AST containing gasoline. There are no reported
			leaks from these tanks. These tanks are also located in the
			maintenance building. Facility has received past violation citations
			mainly pertaining to administrative and waste handling issues. Site
			is upgradient of the proposed project alignment. The case is not
			expected to impact the proposed project.

TABLE 1
Listing of REC Sites/Cases With Minimal Potential Impact

EDR Map ID	Site Name/Address	Primary Business Activity/Operation	Reasons for Potential Risk Designation
A-13 and	9449 Friars Road	Leak incidents	In April of 2013 a tanker truck overturned at the intersection of San
A-16	San Diego, CA		Diego Mission Road and Mission Village Drive, releasing
	92108		approximately 6,000 gallons of ethanol and traces of gasoline onto
			two areas of the stadium parking lot. Approximately 2,500 gallons
			of ethanol was recovered. DEH Case No. 2013-LSAM -000173
			was opened. Soil sampling confirmed the presence of ethanol
			contamination below the affected areas of the parking lot within 5-
			feet below the ground surface (bgs). The consultant, SCS
			Engineers (2013) determined that the ethanol contamination would
			rapidly degrade naturally, and that no further action was necessary.
			In a letter dated February 11, 2014, DEH concurred with SCS
			Engineers and granted No Further Action status, but also stated
			that changes in land use could result in a reassessment to determine
			if the revised land use represents a potential risk to public health.
			In September of 2005 a sewer pipe blockage caused the release of
			103 gallons of raw sewage. The spill was contained; no other
			details are available. Site is upgradient of the proposed project
			alignment. The case is not expected to impact the proposed
			project.
C-22	Thermal	Land disposal site	Class II solid waste facility where designated wastes may be
	Treatment Facility		treated or stored. San Diego RWQCB Case No. 9-615; case closed
	2365 Northside		as of 3/17/2005; no details provided. Site is considered a
	Drive, Box 10		significant threat to water quality.
	San Diego, CA		
	92108		The site is currently occupied by an office complex, and is located
			downgradient of the proposed project alignment. Considering the
			case close status and the current usage of the site, the case is not
			expected to impact the proposed project.

TABLE 1
Listing of REC Sites/Cases With Minimal Potential Impact

EDR Map ID	Site Name/Address	Primary Business Activity/Operation	Reasons for Potential Risk Designation
E-26	Costco Wholesale #488, 2345 Fenton Parkway, San Diego, CA 92108	Wholesale retailer	Large quantity generator of hazardous waste, no violations found. Site is downgradient of the proposed project alignment, and does not involve an unauthorized release. This case is not expected to impact the proposed project.
28	California Highway Patrol 3703 Camino Del Rio South, San Diego, CA 92120	Law enforcement agency	Historic UST containing waste of unknown nature on site; no known (reported) leaks. Site is located on the south side of the San Diego River, and is not expected to impact the proposed project alignment.
30	Centerside One 3111 Camino Del Rio North # 603 San Diego, CA 92108	Unknown	575 gallon UST containing motor vehicle fuel on site; no known (reported) leaks. Site is located on the south side of the San Diego River, and is not expected to impact the proposed project alignment.

TABLE 1
Listing of REC Sites/Cases With Minimal Potential Impact

EDR Map ID	Site Name/Address	Primary Business Activity/Operation	Reasons for Potential Risk Designation
G-38 and	Fenton Properties	Class II land	DEH Case No. H02325-001 was opened on June 29, 1993. The
G-40	9300 Friars Road	disposal site	case involved soil and possible groundwater hydrocarbon
	San Diego CA		contamination discovered during a tank closure. Abatement by
	92108		removal of contaminated soil and disposal at an approved site. The
			file was discarded, and the case closed as of May 19, 2000.
			DEH Case No. H02325-002 was opened on August 18, 1994. The
			case involved soil and possible groundwater contamination with
			diesel fuel. The case was closed as of March 9, 2000; no other
			details available.
			DEH Case No. H02325-003 was opened on August 31, 1995. The
			case involved soil and possible groundwater contamination with
			diesel fuel discovered during a tank closure. Abatement by
			removal of contaminated soil and disposal at an approved site. The
			case closed as of March 9, 2000; no other details available.
			DEH Case No. H02325-004 was opened on November 20, 1998.
			The case involved soil and possible groundwater contamination
			with gasoline. The case was closed as of March 9, 2000; no other
			details available.
			A total of nine (9) USTs containing diesel, unleaded fuel, oil, waste
			oil, solvent, and unknown contents were removed in 1993. The
			site is located approximately 2,000 feet downgradient of the
			proposed project alignment. A portion of the site is currently
			occupied by the Fenton Marketplace shopping mall. Considering
			the age and case closed status, downgradient location of the site,
			and current usage, the case is not anticipated to impact the
			proposed project.

TABLE 1
Listing of REC Sites/Cases With Minimal Potential Impact

EDR Map ID	Site Name/Address	Primary Business Activity/Operation	Reasons for Potential Risk Designation
G-39	H.G. Fenton	Soil and rock	Spill, Leak Investigation and Cleanup (SLIC) DEH Case No.
	Material Co.	construction	H21131-001, was opened on July 22, 1988; no other details
	7400 Murray	supply	available. The case was closed as of April 4, 1998.
	Canyon Road		
	San Diego, CA		Two USTs containing diesel fuel were removed in 1986. No
	92108		known (reported) leaks. Site is currently occupied by an office
			complex, and is located downgradient of the proposed project
			alignment. Considering the age and case closed status,
			downgradient location of the site, and current usage, the case is not
			anticipated to impact the proposed project.
G-40,	Class II Soil	Class II land	RWQCB Case No. H21130-001 was opened on April 6, 1994 and
G-41 and	Treatment Facility	disposal site	closed on January 17, 1996. The case involved soil only; no other
G-42	9310 Friars Road		details available.
	San Diego, CA		
	92168		DEH Case No. H21130-002 was opened on June 21, 1993 and
			closed on June 23, 1994. The case involved soil only; no other
			details available.
			San Diego RWQCB Case No. 9-655 opened and closed on March
			17, 2005. Case involved soil contamination of an unknown nature,
			no details provided.
			Site is Class II solid waste storage facility, and is considered a
			moderate threat to water quality. The site is located downgradient
			of the proposed project alignment. This site may be contiguous
			with 9300 Friars Road (EDR Map IDs G-38 and 40). A portion of
			the site is currently occupied by the Fenton Marketplace shopping
			mall. Considering the age and case closed status, downgradient
			location of the site, and current usage, the case is not anticipated to
			impact the proposed project.

DISCUSSIONS, FINDINGS AND OPINIONS

TABLE 1
Listing of REC Sites/Cases With Minimal Potential Impact

EDR Map ID	Site Name/Address	Primary Business Activity/Operation	Reasons for Potential Risk Designation
45	National	Educational	DEH VAP Case No. H38278-001 was opened on February 19,
	University/V.A.P.	institute	1993 due to a hydraulic oil leak from an elevator shaft. The project
	4007 Camino Del		consultant, Environmental Business Solutions, Inc., concluded that
	Rio South		it was unlikely for the leakage to affect the local groundwater, and
	San Diego, CA		that the contamination would degrade naturally. No Further Action
	92108		status was granted by the DEH in a letter dated August 12, 1999.
			Site is located on the south side of the San Diego River, and is not
			expected to impact the proposed project.
48	Truly Nolen	Pest control	Toxic Pit site. A Final Hydro-Geologic Site Assessment Review
	Exterminating	business	was completed on March 1, 1988, and case closure was granted on
	5909 Mission		March 20, 1990; no details provided.
	Gorge Road		
	San Diego, CA		Site is located on the south side of the San Diego River, and is not
	92020		expected to impact the proposed project.

TABLE 1
Listing of REC Sites/Cases With Minimal Potential Impact

EDR Map ID	Site Name/Address	Primary Business Activity/Operation	Reasons for Potential Risk Designation
49	Former ARCO	Gasoline station	One UST containing waste oil was removed in 1988. Four USTs
	#1761	and convenience	were removed in 2001, three containing unleaded fuel and one
	2696 Mission	store	containing waste oil.
	Village Drive		
	San Diego, CA		DEH Case No. H12275-001 was opened on March 9, 1987 due to a
	92121		failed integrity test. The case was closed on February 25, 1988.
			DEH Case No. H12275-003 was opened on September 12, 1988
			due to gasoline contamination of soil that was discovered during a
			tank closure; no other details available. The file was discarded and
			the case was closed on May 14, 2008.
			DEH Case No. H12275-003 was opened on June 17, 1992 due to a
			failed integrity test. The case was closed on September 8, 1992.
			DEH Case No. H12275-004 was opened on March 16, 1992. The
			case is an open remedial investigation of an unknown nature; no
			details available.
			DEH Case No. H12275-005 was opened on February 1, 2001. The
			case is an open remedial investigation. The project consultant,
			Stantec Consulting Services (2015) reported that soil and
			groundwater contaminations are largely confined to the location of
			the former gas station site, and are degrading by natural
			attenuation.
			The site is located approximately 1 mile north of the proposed
			project alignment, and is not expected to affect the project site.
			DEH records indicate that the former gasoline station was
			demolished. The site remains vacant as of the date of this report.

TABLE 1
Listing of REC Sites/Cases With Minimal Potential Impact

EDR Map ID	Site Name/Address	Primary Business Activity/Operation	Reasons for Potential Risk Designation
50	Former ARCO 6110 Mission Gorge Road San Diego, CA 92120	gasoline station	A total of Three USTs containing unleaded fuel were removed in 2000. LUST cleanup site involving gasoline contamination of soil and groundwater. Based on the results of groundwater monitoring, Secor (2004) recommended that no further action be taken. No Further Action status was granted by DEH on September 18, 2005.
			Site is located on the south side of the San Diego River, and is not expected to impact the proposed project. DEH records indicate that the former gasoline station was demolished. The site remains vacant as of the date of this report.

We have identified one REC site/case which is considered to pose an environmental risk to the project alignment. The site/case is summarized in Table 2 on the next page.

TABLE 2
Listing of REC Sites/Cases With High Potential Impact

EDR Map ID (Focus Map & Site ID)	Site Name/Address	Primary Business Activity/Operation	Reasons for Potential Risk Designation
F-32 thru F-37	SFPP, LP/ Kinder Morgan Mission Valley Terminal AT0404 9950and 9966 San Diego Mission Road San Diego, CA 92108	Fuel storage facility	USTs containing unknown contents were removed in 1987. California RWQCB Case No. 9UT542 (Local DEH Case No. H21132-001) was opened on May 23, 1994. The case is an active investigation involving contamination of a drinking water aquifer. Site remediation consisting of free product removal, groundwater and soil vapor extraction has been ongoing since the early 1990's (LFR Levine-Fricke, 2005). Primary Contaminants of Concern (COC) include diesel and gasoline, MTBE and TBA. The contamination affects both the terminal site and adjacent portions of the Qualcomm Stadium parking lot, including the proposed project alignment. Additional soil and groundwater contamination occurred in 2007 due to a failed pump seal on an MV-18 transfer pump (LFR, 2008). In a telephone interview on July 14, 2015, Mr. Sean McClain of the RWQCB stated that the hydrocarbon contamination initiated in the 1980's due to subsurface leakage in a pipe manifold within the facility. He further stated that the leakage may have been ongoing for several years before discovery. Groundwater monitoring to date has demonstrated a significant reduction in the soil and groundwater contamination (Arcadis, 2015). Per Mr. McClain the off-site remediation work in the stadium parking lot has been completed. Pending the results of monitoring in the second and third quarters of 2015 the RWQCB may issue a No Further Action letter after Kinder Morgan properly destroys 75 monitoring wells, 19 groundwater monitoring wells, and 246 soil-vapor extraction wells both on and off their property (Chan, 2015). (Continued next page)

TABLE 2
Listing of REC Sites/Cases With High Potential Impact

EDR Map ID (Focus Map & Site ID)	Site Name/Address	Primary Business Activity/Operation	Reasons for Potential Risk Designation
F-32 thru F-37	SFPP, LP/ Kinder Morgan Mission Valley Terminal AT0404 9950 and 9966 San Diego Mission Road San Diego, CA 92108	Fuel storage facility	Between 2010 and 2011 there were a total of three reported leaks or spillage involving fuel and oil. The largest spill involved 40 gallons of fuel and water, and was contained. The facility also maintains approximately 27.5 million gallon (MG) AST containing fuel. Between 2007 and 2011 a total of twelve (12) ASTs were removed, eight containing fuel, two containing ethanol, and two with unknown contents. One AST with unknown contents remains at the facility. Between 2005 and 2007 there were a total of twelve reported leaks or spillage involving fuel, oil, ethanol, filter water and/or groundwater. Most of the spills involved several gallons or less, and were contained. The largest spill involved 500 gallons of oil which leaked into a contained water remediation system. Facility has received past violation citations mainly pertaining to administrative and waste handling issues. (Continued next page)

TABLE 2
Listing of REC Sites/Cases With High Potential Impact

EDR Map ID (Focus Map & Site ID)	Site Name/Address	Primary Business Activity/Operation	Reasons for Potential Risk Designation
F-32	SFPP, LP/ Kinder	Fuel storage	DEH Case No.H 04288-001 was opened on August 8, 1991.The
thru	Morgan	facility	case is an active preliminary assessment involving contamination
F-37	Mission Valley		of a drinking water aquifer; no other details available. Same
	Terminal AT0404		address as EDR IDs F-34, F-35 and F-36 but different case
	9950 and 9966		number, unknown if they are related.
	San Diego		
	Mission Road San		California RWQCB Case No. H04507-001 opened July 1, 1986.
	Diego, CA 92108		The case is an active remedial investigation involving possible
			hydrocarbon contamination of a drinking water aquifer. The
			contamination resulted from a corroded UST and was discovered
			during the tank closure. Abatement by pumping and treating of
			groundwater, no other details.
			DEH Site Assessment and Mitigation (SAM) Case No. H04507-
			002, opened and closed on April 26, 2001. The case involved soils
			only. Considering the age of the case and case closed status, this
			case is not expected to impact the proposed project.

DISCUSSIONS, FINDINGS AND OPINIONS

SECTION FIVE

5.2 Conclusions

Past unauthorized releases from SFPP, LP/Kinder Morgan Mission Valley Terminal AT0404 (9950

and 9966 San Diego Mission Road) have resulted in contamination of soil and groundwater beneath

the site. The groundwater contamination has migrated in a southwesterly direction, extending below

the stadium site and the proposed project alignment (Geofirma and Interra, 2015). Remediation of

the soil and groundwater contamination has been ongoing since at least the early 1990's (LFR,

Levine-Fricke, 2005).

According to Mr. Sean McCain with the RWQCB, remediation of the stadium parking lot (including

the proposed project alignment) has been completed. Pending the results of groundwater monitoring

that has and will be performed in the second and third quarters of 2015 and proper destruction of

monitoring and vapor extraction wells, the site may be given a No Further Action status by the

RWQCB (Chan, 2015).

A total of four USTs have been removed from the stadium site, but there have been no documented

leaks from these tanks. The facility maintains two active ASTs. In 2005 a gasoline spill of an

unknown nature occurred at the stadium site. DEH records indicate that the release was limited to

soil only, and the case was closed in 2007.

There have also been several documented unauthorized release incidents at the property, the most

significant occurring in 2013 when a tanker truck overturned and spilled approximately 6,000 gallons

of ethanol onto the stadium parking lot. This spill was limited to surface and near-surface soils only,

and the case was granted No Further Action status in 2014. Mr. Mike McSweeney, Qualcomm

Stadium general manager, further indicated that a past tanker truck spill had resulted in a large fire

incident.

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SECTION FIVE

DISCUSSIONS, FINDINGS AND OPINIONS

The lower portion of the parking lot which includes the proposed project alignment has flooded

many times in the past. Mr. McSweeney stated that many of the flood events have resulted from

overspill of Murphy Canyon Creek, which flows into the San Diego River along the east side of the

stadium parking lot. He further indicated that in the past several months accumulated silt has been

removed from Murphy Canyon Creek for the purpose of minimizing the flood risk.

Qualcomm Stadium parking lot, especially during special events, is used by high volumes of vehicles

which generate urban contaminants, including fuels, oils, metals, grease, and other fluids.

Considering the large number of vehicles traveling through or parked at the parking lot, there is the

potential that contaminants from vehicular sources have leached into the underlying soils.

The project study area was previously utilized for agriculture. Therefore, there is a potential for

encountering soil and groundwater contamination caused by the past use of fertilizers, pesticides,

and herbicides. Based on the information provided by Mr. Sean McCain, it is our understanding that

nitrate has been detected during the course of groundwater monitoring below the stadium property,

which is indicative of past agricultural use of the site.

5.3 Recommendations

As discussed in Sections 5.1 and 5.2, the proposed project alignment is underlain by known

contaminated soil and groundwater. Since the majority of the proposed project does not involve any

earthwork, the potential for encountering contaminated soil and groundwater, and exposure to vapor

intrusion within this portion of the project alignment is considered low.

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SECTION FIVE

DISCUSSIONS, FINDINGS AND OPINIONS

However, the proposed project also includes the construction of retaining walls in the areas between the IKEA driveway and the trolley line fence, and at the eastern terminus of the proposed bikeway at its connection with Rancho Mission Road and through the low lying area. Construction of the retaining walls at the eastern terminus of the project alignment will require removal of existing asphaltic concrete (A.C.) pavement. The potential for encountering contaminated soil and groundwater, and exposure to vapor intrusion, during earthwork operation for the construction of the retaining walls cannot be discounted. Therefore, we recommend that a Phase II Environmental Site Assessment investigation which includes the advancement of soil borings to collect soil and groundwater samples be performed in the areas where the walls will be constructed.

We further recommend that SANDAG selects a qualified contractor who has the expertise and experience to handle, perform the necessary environmental testing and monitoring, and treat and/or dispose hazardous or toxic materials in accordance with current industry standards and applicable Local, State and Federal regulations. In addition, it is recommended that SANDAG retain the services of a qualified environmental consultant to develop a soil, groundwater and vapor management plan that will be implemented during construction. We further recommend that the Request For Bid for construction of the proposed project requires the Proposers to include a unit cost for the above-mentioned services if and when required.

SECTION SIX LIMITATIONS

6.0 LIMITATIONS

This Phase I ESA report has been prepared for the sole use of SANDAG. The information obtained

is only relevant for the dates of the records that were reviewed and as of the date of our site visit on

July 14, 2015. Consequently, this report will require periodic updates as conditions within the

project study area may change or as additional information becomes available. Other parties who

use or rely on the findings and conclusions of this report shall do so at their own risk. Furthermore,

because the scope of this Phase I ESA was limited, it is possible that currently unrecognized

conditions or contamination might exist at the project site.

AGE has performed this assessment in accordance with the authorized scope of work and generally

accepted practices in the field of environmental consulting engineering. No warranties, either

expressed or implied, are made by AGE. The records search performed for this study was limited

to information available from public sources. This information is subject to continuous change and

is frequently incomplete. Unless AGE has actual knowledge to the contrary, information obtained

from interviews or provided to AGE by the regulatory agencies has been assumed to be correct and

complete. AGE does not assume any liability for misrepresentation of information or for items not

visible, accessible, or present at the project site at the time of our site reconnaissance visit.

There is no investigation which is thorough enough to preclude the presence of substances on the

subject property which presently, or in the future, may be considered hazardous. Because regulatory

agency evaluation criteria are constantly changing, concentrations of contaminants that are currently

considered to be acceptable may, in the future, become subject to different and more stringent

regulatory standards.

Project No. 54A6 October 22, 2015 SECTION SIX LIMITATIONS

Where records indicate that prior remedial work or tank removals have occurred, there is a risk that the work may not have been performed correctly or completely. In these cases, if the regulatory agency has approved the closure of the tank or other work done, we have assumed that the work was done properly and in complete conformance with said regulatory agency standards.

Professional opinions, conclusions, and judgments expressed in this report are based on AGE's understanding and interpretation of current regulatory standards and the available historical information and documents reviewed, and visual observations of the current conditions at the project site, and should not be construed as legal opinions.

7.0 REFERENCES

Arcadis U.S., Inc, "Results of Periodic Soil Investigation, Event 10, Mission Valley Terminal, San Diego, California (SL 607392800:smcclain)", report dated February 21, 2014.

Arcadis U.S., Inc, "Request for Revision of the Monitoring and Reporting Program, Mission Valley Terminal, San Diego, California (SL 607392800:smcclain)", report dated April 15, 2015.

ASTM E1527 - 13, "Standard Practice for Environmental Site Assessment: Phase 1 Environmental Site Assessment Process".

ASTM E2600 - 10, "Standard Guide for Vapor Encroachment Screening on Property Involved in California Water Resources Control Board and California Regional Water Quality Control Board, Real Estate Transactions".

California Regional Water Quality Control Board, San Diego Region, 1994, "Water Quality Control Plan for the San Diego Basin (9)" (Basin Plan, revised 2007).

Chan, Julie, e-mail to Mike Hansen of the City of San Diego regarding the Stadium Site, dated June 18, 2015.

County of San Diego Department of Environmental Health, "Voluntary Assistance Program, Case # DEH 2013-LSAM-000173", letter dated February 11, 2014.

Environmental Data Resources, Inc., "EDR Radius Map with GeoCheck, San Diego River Trail Qualcomm Segment, 9449 Friars Road, San Diego, CA 92108, Inquiry Number: 4333219.2s", dated June 22, 2015.

- Environmental Data Resources, Inc., "EDR Historical Topographic Map Report, San Diego River Trail Qualcomm Segment, 9449 Friars Road, San Diego, CA 92108, Inquiry Number: 4333219.4", dated June 23, 2015.
- Environmental Data Resources, Inc., "The EDR Decade Aerial Photo Decade Package, San Diego River Trail Qualcomm Segment, 9449 Friars Road, San Diego, CA 92108, Inquiry Number: 4333219.9", dated June 24, 2015.
- Environmental Data Resources, Inc., "Certified Sanborn Map Report, San Diego River Trail Qualcomm Segment, 9449 Friars Road, San Diego, CA 92108, Inquiry Number: 4333219.3", dated June 22, 2015.
- Environmental Data Resources, Inc., "EDR City Directory Abstract, San Diego River Trail Qualcomm Segment, 9449 Friars Road, San Diego, CA 92108, Inquiry Number: 4333219.5", dated June 23, 2015.
- Geofirma Engineering, Ltd. and Interra, Inc., "Post-Remediation Groundwater Quality, Mission Valley Aquifer, Revision 1", report dated March 17, 2015.
- Geotracker Data Base (http://geotracker.waterboards.ca.gov).
- Kennedy, M.P. and Peterson, G.L., 1975, "Geology of the San Diego Metropolitan Area, California", California Division of Mines and Geology, Bulletin 200.
- Kennedy, M.P, and Tan, S.S, 2005, "Geologic Map of the San Diego 30' x 60' Quadrangle, California", Digital Preparation by U.S. Geological Survey.

- KTUA, "San Diego River Trail Qualcomm Stadium", plans dated 9/14.
- LFR Levine Fricke,"Work Plan to Assess the Need for Additional Soil Vapor Extraction Wells in the Off-Terminal LNAPL Area, Mission Valley Terminal, 9950 and 9966 Mission Valley Road, San Diego, California", report dated July 12, 2005.
- LFR, "Additional Remediation Repor for Tank MV-18 Transfer Pump Release (Near Tank MW-12), Mission Valley Terminal, 9950 Mission Valley Road, San Diego, California", report dated May 13, 2008.
- MTDB, "Mission Valley West LRT Extension, Stadium Segment, Log of Test Borings, Sta 279+50 to 311+00", Drawing No. B-193 thru B-198, sheets 491 thru 494, As-Built February 1999.
- SANDAG,"Qualcomm Segment of the San Diego River Trail Alternative Alignment Study, Final Report', report dated 2014.
- SCS Engineers,"Subsurface Assessment Report, Qualcomm Stadium Parking Lot, 9449 Friars Road, San Diego, California, 02108, DEH Case No. DEH2013-LSAM-000173", report dated December 20, 2013.
- Secor International, "ARCO Quarterly Groundwater Monitoring Report, 6110 Mission Gorge Road, San Diego, California", report dated January 14, 2004.
- Stantec Consulting Services, Inc., "Revised Corrective Action Plan, Former ARCO Facility No. 1761, 2696 Mission Village Drive, San Diego, California, 92121", report dated March 6, 2015.

Aerial Photographs

Aerial photographs dated 1953, 1955, 1979, 1980, and 1989.

Google Earth 2014.

Topographical Maps

USGS Quadrangles:

El Cajon - 1893, 1901, 1939, 1948, 1955, 1967, 1975, and 1996.

La Mesa - 1942, 1947, 1953, 1967, 1975, and 1994.

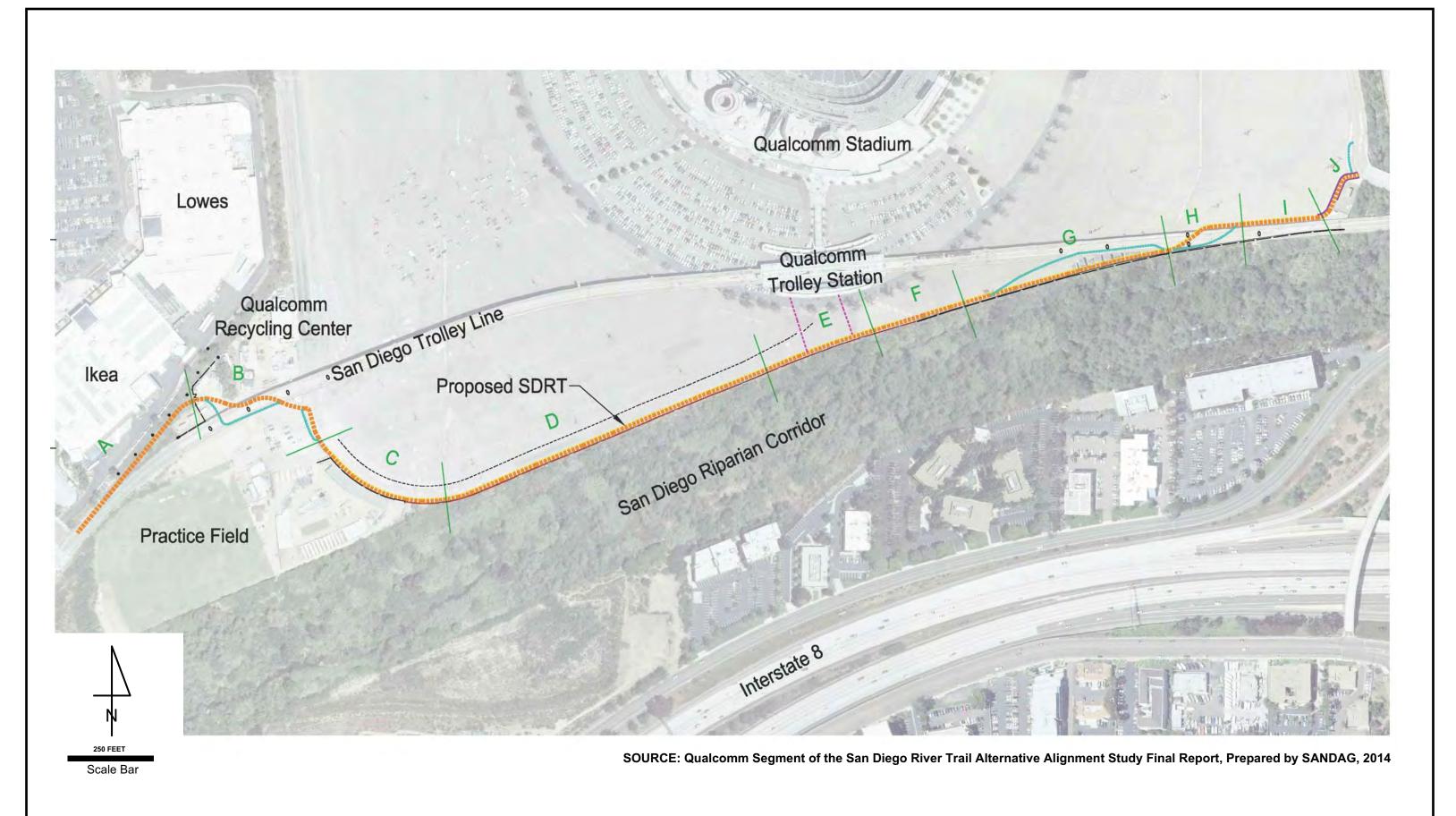
La Jolla - 1953, 1967, 1975, and 1996.

Del Mar - 1967 and 1994.

San Vicente - 1955, 1971, and 1996.

Southern California Sheet 2 - 1904.

Cuyamaca Map Sheet - 1903

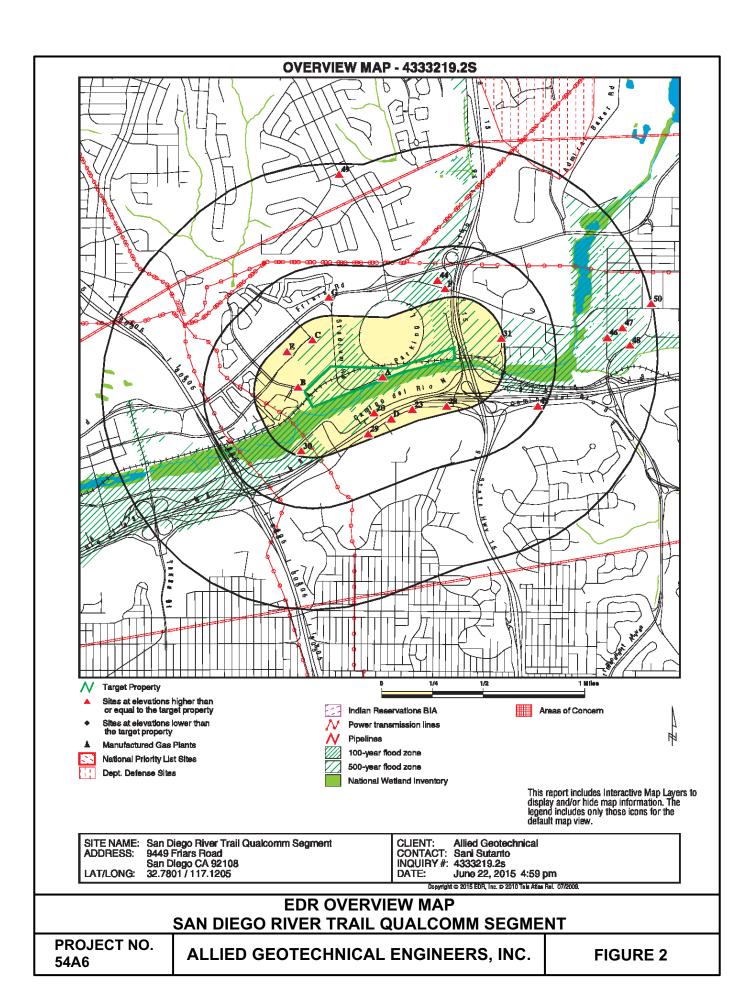


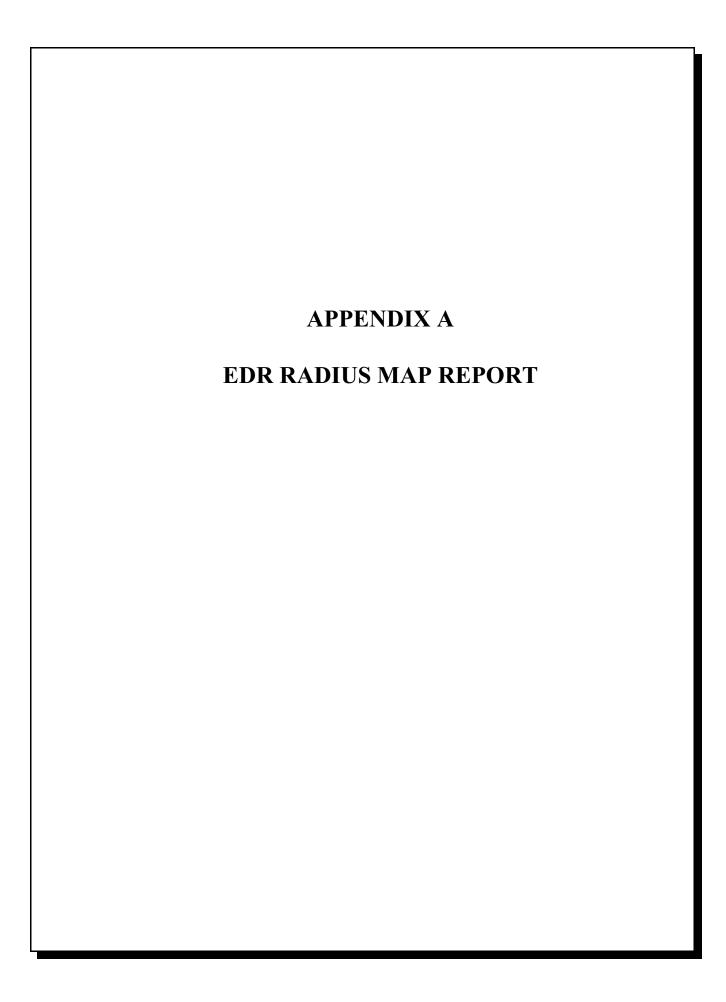
SAN DIEGO RIVER TRAIL QUALCOMM SEGMENT PROJECT ALIGNMENT MAP

PROJECT NO.
54A6

ALLIED GEOTECHNICAL ENGINEERS, INC.

FIGURE 1





San Diego River Trail Qualcomm Segment

9449 Friars Road San Diego, CA 92108

Inquiry Number: 4333219.2s

June 22, 2015

The EDR Radius Map™ Report with GeoCheck®

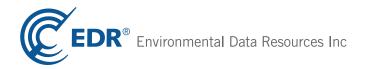


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with any questions or comments.

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TARGET PROPERTY INFORMATION

ADDRESS

9449 FRIARS ROAD SAN DIEGO, CA 92108

COORDINATES

Latitude (North): 32.7801000 - 32° 46' 48.36" Longitude (West): 117.1205000 - 117° 7' 13.80"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 488715.3 UTM Y (Meters): 3626725.2

Elevation: 49 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 32117-G1 LA MESA, CA

Most Recent Revision: 1994

West Map: 32117-G2 LA JOLLA, CA

Most Recent Revision: 1996

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20120519 Source: USDA

MAPPED SITES SUMMARY

Target Property Address: 9449 FRIARS ROAD SAN DIEGO, CA 92108

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS		RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	QUALCOMM STADIUM	9449 FRIARS RD	RGA LUST		TP
A2	CITY OF SAN DIEGO	9449 FRIARS RD	HAZNET		TP
A3	NEILSON DILLINGHAM B	9449 FRIAR'S RD	HAZNET		TP
A4	SDCTY QUALCOMM STADI	9449 FRIARS RD	HAZNET		TP
A5	ROBBIE GORDON STADIU	9449 FRIARS RD	HAZNET		TP
A6	JACK MURPHY STADIUM	9449 FRIARS RD	FTTS, HIST FTTS		TP
A7		PARKING LOT, JACK MU	CHMIRS		TP
A8	JACK MURPHY STADIUM	9449 FRIARS RD	FINDS		TP
A9		9449 FRIARS ROAD	ERNS		TP
A10	QUALCOMM STADIUM	9449 FRIARS RD	SAN DIEGO CO. SAM		TP
A11		9449 FRIARS RD	CHMIRS		TP
A12	SDCTY QUALCOMM STADI	9449 FRIARS RD	SWRCY, SLIC, UST, AST, CHMIRS, San Diego Co. HMME)	TP
A13		9449 FRIARS ROAD	CHMIRS		TP
A14	CTY SD- J.M. STADIUM	9449 FRIARS RD	SWEEPS UST		TP
A15	SAN DIEGO RIVER WETL	9449 FRIARS ROAD	NPDES		TP
A16	QUALCOMM STADIUM PAR	9449 FRIARS ROAD	SLIC		TP
A17	FELD MOTOR SPORTS	9449 FRIARS RD	HAZNET		TP
Reg	MIRAMAR NAVAL AIR ST		DOD	Same	5153, 0.976, NNE
B18	HANGERS CLEANERS	2169 FENTON PKWY STE	DRYCLEANERS	Higher	109, 0.021, West
B19		2169 FENTON PKWY	EDR US Hist Cleaners	Higher	205, 0.039, West
20		3444 CAMINO DEL RIO	EDR US Hist Auto Stat	Higher	725, 0.137, SSW
C21		2365 NORTHSIDE DR	EDR US Hist Auto Stat	Higher	834, 0.158, WNW
C22	THERMAL TREATMENT FA	2365 NORTHSIDE DR, B	LDS, WMUDS/SWAT	Higher	834, 0.158, WNW
23		3545 CAMINO DEL RIO	EDR US Hist Auto Stat	Higher	996, 0.189, SE
D24		3435 CAMINO DEL RIO	EDR US Hist Auto Stat	Higher	1029, 0.195, SSE
D25		3435 CAMINO DEL RIO	EDR US Hist Cleaners	Higher	1029, 0.195, SSE
E26	COSTCO WHOLESALE #48	2345 FENTON PKWY	RCRA-LQG, FINDS	Higher	1065, 0.202, WNW
E27	COSTCO WHOLESALE NO	2345 N MISSION CITY	RCRA NonGen / NLR, FINDS	Higher	1065, 0.202, WNW
28	CALIFORNIA HIGHWAY P	3703 CAMINO DEL RIO	HIST UST	Higher	1138, 0.216, ESE
29		3333 CAMINO DEL RIO	EDR US Hist Auto Stat	Higher	1173, 0.222, SSW
30	CENTERSIDE ONE	3111 CAMINO DEL RIO	SWEEPS UST	Higher	1180, 0.223, SW
31		5942 RANCHO MISSION	EDR US Hist Cleaners	Higher	1253, 0.237, ENE
F32	TEXACO USA (TERMINAL	9966 SAN DIEGO MISSI	UST, SWEEPS UST, San Diego Co. HMMD, SAN DIEGO (CO Higher	1522, 0.288, NE
F33	EQUILON SAN DIEGO TE	9966 SAN DIEGO MISSI	RCRA-SQG, FINDS, LUST, SLIC, HIST UST	Higher	1522, 0.288, NE
F34	MISSION VALLEY TERMI	9950 SAN DIEGO MISSI	San Diego Co. HMMD, SAN DIEGO CO. SAM	Higher	1546, 0.293, NE
F35	SFPP, LP/KINDER MORG	9950 SAN DIEGO MISSI	HIST CORTESE, AST, CHMIRS, San Diego Co. HMMD, El	MI Higher	1546, 0.293, NE
F36	MISSION VALLEY BULK	9950 SAN DIEGO MISSI	NPDES, SLIC, CHMIRS, ENF, HAZNET, ENVIROSTOR	Higher	1546, 0.293, NE
F37	MOBIL OIL CORP, WCS&	9950 SAN DIEGO MISSI	SAN DIEGO CO. SAM	Higher	1546, 0.293, NE
G38	FENTON PROPERTIES	9300 FRIARS RD	LUST, EMI	Higher	1758, 0.333, NW

MAPPED SITES SUMMARY

Target Property Address: 9449 FRIARS ROAD SAN DIEGO, CA 92108

Click on Map ID to see full detail.

MAP				RELATIVE	DIST (ft. & mi.)
ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	ELEVATION	DIRECTION
G39	H G FENTON MATERIAL	7400 MURRAY CANYON R	SLIC, SWEEPS UST, San Diego Co. HMMD, SAN DIEGO	D Higher	1766, 0.334, NNW
G40	CLASS 2 SOIL TRTMENT	9310 FRIARS RD	HIST CORTESE, LUST, LDS, ENF, WMUDS/SWAT	Higher	1798, 0.341, NW
G41	H G FENTON MATERIAL	9310 FRIARS RD	San Diego Co. HMMD, SAN DIEGO CO. SAM	Higher	1798, 0.341, NW
G42	SHEWEY ENVIRONMENT F	9310 FRIARS RD	WMUDS/SWAT	Higher	1798, 0.341, NW
G43	MISSION VALLEY PLANT	9300 FRIARS RD	HIST CORTESE, LUST, SLIC, SWEEPS UST, ENF, San.	Higher	1798, 0.341, NW
44	TEXACO USA SALES TER	9966 MISSION	HIST CORTESE	Higher	1799, 0.341, NNE
45	NATIONAL UNIVERSITY/	4007 CAMINO DEL RIO	SLIC, San Diego Co. HMMD, SAN DIEGO CO. SAM	Higher	2482, 0.470, East
46	ROSE TOYOTA	5926-27,5933,5957 FA	ENVIROSTOR	Higher	3994, 0.756, East
47	USAR CNTR SAN DIEGO		ENVIROSTOR	Higher	4412, 0.836, ENE
48	TRULY NOLEN EXTERMIN	5909 MISSION GORGE R	Toxic Pits	Higher	4573, 0.866, East
49	ARCO #1761	2696 MISSION VILLAGE	LUST, SWEEPS UST, Notify 65, San Diego Co. HMMD,	. Higher	5004, 0.948, NNW
50	FORMER ARCO	6110 MISSION GORGE R	HIST CORTESE, LUST, SLIC, ENVIROSTOR	Higher	5257, 0.996, ENE

TARGET PROPERTY SEARCH RESULTS

The target property was identified in the following records. For more information on this property see page 8 of the attached EDR Radius Map report:

Site	Database(s)	EPA ID
QUALCOMM STADIUM 9449 FRIARS RD SAN DIEGO, CA	RGA LUST	N/A
CITY OF SAN DIEGO 9449 FRIARS RD SAN DIEGO, CA 92108	HAZNET GEPAID: CAH111000319	N/A
NEILSON DILLINGHAM B 9449 FRIAR'S RD SAN DIEGO, CA 92108	HAZNET GEPAID: CAC000771576	N/A
SDCTY QUALCOMM STADI 9449 FRIARS RD SAN DIEGO, CA 92108	HAZNET GEPAID: CAL000022738	N/A
ROBBIE GORDON STADIU 9449 FRIARS RD SAN DIEGO, CA 92108	HAZNET GEPAID: CAC002728728 GEPAID: CAC002598286	N/A
JACK MURPHY STADIUM 9449 FRIARS RD SAN DIEGO, CA 92108	FTTS HIST FTTS	N/A
PARKING LOT, JACK MU PARKING LOT, JACK MU SAN DIEGO, CA 92108	CHMIRS OES Incident Number: 010944	N/A
JACK MURPHY STADIUM 9449 FRIARS RD SAN DIEGO, CA 92108	FINDS Registry ID:: 110011660103 Registry ID:: 110057108133	N/A
9449 FRIARS ROAD 9449 FRIARS ROAD SAN DIEGO, CA	ERNS EDR ID:: 862095	N/A
QUALCOMM STADIUM 9449 FRIARS RD SAN DIEGO, CA 92108	SAN DIEGO CO. SAM Case Number: H21360-001 Facility Status: Closed Case	N/A

9449 FRIARS RD **CHMIRS** N/A 9449 FRIARS RD OES Incident Number: 14-0895 SAN DIEGO, CA 92108 SDCTY QUALCOMM STADI **SWRCY** N/A 9449 FRIARS RD Cert Id: RC14685 SAN DIEGO, CA 92108 SLIC Global Id: T06019753152 Facility Status: Completed - Case Closed Facility Id: H21360 **AST CHMIRS** OES Incident Number: 03-1087 San Diego Co. HMMD Facility ID: 121360 9449 FRIARS ROAD **CHMIRS** N/A 9449 FRIARS ROAD OES Incident Number: '08-1245 SAN DIEGO, CA OES Incident Number: '13-2098 OES Incident Number: 05-5121 CTY SD- J.M. STADIUM **SWEEPS UST** N/A 9449 FRIARS RD Status: A SAN DIEGO, CA 92108 Tank Status: A Comp Number: 21360 SAN DIEGO RIVER WETL **NPDES** N/A 9449 FRIARS ROAD SAN DIEGO, CA 92108 QUALCOMM STADIUM PAR SLIC N/A 9449 FRIARS ROAD Global Id: T10000004719 SAN DIEGO, CA 92108 Facility Status: Completed - Case Closed FELD MOTOR SPORTS **HAZNET** N/A 9449 FRIARS RD GEPAID: CAC002684685

SAN DIEGO, CA 92108

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list				
NPL	_ National Priority List			
Proposed NPL	Proposed National Priority List Sites			
NPL LIENS	Federal Superfund Liens			
Federal Delisted NPL site li	ist			
Delisted NPL	National Priority List Deletions			
Federal CERCLIS list				
	Comprehensive Environmental Response, Compensation, and Liability Information System Federal Facility Site Information listing			
Federal CERCLIS NFRAP s	ite List			
CERC-NFRAP	CERCLIS No Further Remedial Action Planned			
Federal RCRA CORRACTS				
CORRACTS	Corrective Action Report			
Federal RCRA non-CORRA	CTS TSD facilities list			
RCRA-TSDF	RCRA - Treatment, Storage and Disposal			
Federal RCRA generators I	ict			
<u>-</u>				
	RCRA - Small Quantity Generators RCRA - Conditionally Exempt Small Quantity Generator			
	There is a contained and the contained contained			
Federal institutional controls / engineering controls registries				
US ENG CONTROLS	Engineering Controls Sites List			
	Sites with Institutional Controls			
LUCIS	Land Use Control Information System			
State- and tribal - equivalent NPL				
RESPONSE	State Response Sites			
	/or solid waste disposal site lists			
SWF/LF	_ Solid Waste Information System			

State and	tribal	leaking	storage	tank lists
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INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

State and tribal voluntary cleanup sites

INDIAN VCP......Voluntary Cleanup Priority Listing VCP.....Voluntary Cleanup Program Properties

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI...... Open Dump Inventory

HAULERS...... Registered Waste Tire Haulers Listing

INDIAN ODI...... Report on the Status of Open Dumps on Indian Lands

Local Lists of Hazardous waste / Contaminated Sites

SCH..... School Property Evaluation Program

CDL..... Clandestine Drug Labs

US HIST CDL..... National Clandestine Laboratory Register

Local Lists of Registered Storage Tanks

CA FID UST..... Facility Inventory Database

Local Land Records

LIENS 2...... CERCLA Lien Information
LIENS...... Environmental Liens Listing
DEED...... Deed Restriction Listing

Records of Emergency Release Reports

HMIRS...... Hazardous Materials Information Reporting System LDS..... Land Disposal Sites Listing

MCS...... Military Cleanup Sites Listing
SPILLS 90...... SPILLS 90 data from FirstSearch

Other Ascertainable Records

DOT OPS..... Incident and Accident Data

FUDS..... Formerly Used Defense Sites

CONSENT...... Superfund (CERCLA) Consent Decrees

UMTRA..... Uranium Mill Tailings Sites US MINES..... Mines Master Index File

TRIS...... Toxic Chemical Release Inventory System

TSCA..... Toxic Substances Control Act SSTS..... Section 7 Tracking Systems

ICIS_____Integrated Compliance Information System

PADS...... PCB Activity Database System MLTS..... Material Licensing Tracking System RADINFO...... Radiation Information Database

RAATS_____RCRA Administrative Action Tracking System

UIC......UIC Listing

Cortese______"Cortese" Hazardous Waste & Substances Sites List CUPA Listings______CUPA Resources List

WIP..... Well Investigation Program Case List

ENF..... Enforcement Action Listing EMI..... Emissions Inventory Data INDIAN RESERV..... Indian Reservations

SCRD DRYCLEANERS...... State Coalition for Remediation of Drycleaners Listing

WDS..... Waste Discharge System

Financial Assurance Financial Assurance Information Listing

PROC..... Certified Processors Database

HWT...... Registered Hazardous Waste Transporter Database

HWP..... EnviroStor Permitted Facilities Listing MWMP..... Medical Waste Management Program Listing

LEAD SMELTERS..... Lead Smelter Sites

US AIRS...... Aerometric Information Retrieval System Facility Subsystem

EPA WATCH LIST..... EPA WATCH LIST

US FIN ASSUR_____ Financial Assurance Information

COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List

PCB TRANSFORMER...... PCB Transformer Registration Database COAL ASH DOE..... Steam-Electric Plant Operation Data 2020 COR ACTION........... 2020 Corrective Action Program List PRP..... Potentially Responsible Parties

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LF...... Recovered Government Archive Solid Waste Facilities List

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in **bold italics** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/10/2015 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COSTCO WHOLESALE #48	2345 FENTON PKWY	WNW 1/8 - 1/4 (0.202 mi.)	E26	50

State- and tribal - equivalent CERCLIS

ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the ENVIROSTOR list, as provided by EDR, and dated 05/04/2015 has revealed that there are 4 ENVIROSTOR sites within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MISSION VALLEY BULK Status: Inactive - Needs Evaluation Facility Id: 71002597	9950 SAN DIEGO MISSI	NE 1/4 - 1/2 (0.293 mi.)	F36	127
ROSE TOYOTA Status: Refer: 1248 Local Agency Facility Id: 37550008	5926-27,5933,5957 FA	E 1/2 - 1 (0.756 mi.)	46	200
USAR CNTR SAN DIEGO Status: Inactive - Needs Evaluation Facility Id: 80000490		ENE 1/2 - 1 (0.836 mi.)	47	201

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
FORMER ARCO Status: Refer: 1248 Local Agency Facility Id: 60001297	6110 MISSION GORGE R	ENE 1/2 - 1 (0.996 mi.)	50	208

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 03/13/2015 has revealed that there are 4 LUST sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EQUILON SAN DIEGO TE Status: Post remedial action monitoring Case Number: 9UT542	9966 SAN DIEGO MISSI	NE 1/4 - 1/2 (0.288 mi.)	F33	68
FENTON PROPERTIES Status: Case Closed Case Number: 9UT2493 Case Number: 9UT3137 Case Number: 9UT4064 Closed Date: 5/19/00 Closed Date: 3/9/00	9300 FRIARS RD	NW 1/4 - 1/2 (0.333 mi.)	G38	166
CLASS 2 SOIL TRTMENT Status: Completed - Case Closed Global Id: T0607301717	9310 FRIARS RD	NW 1/4 - 1/2 (0.341 mi.)	G40	171
MISSION VALLEY PLANT Status: Completed - Case Closed Status: Case Closed Global Id: T0607301905 Global Id: T0607301245 Global Id: T0607399247 Case Number: 9UT2950 Closed Date: 6/23/93	9300 FRIARS RD	NW 1/4 - 1/2 (0.341 mi.)	G43	184

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 03/13/2015 has revealed that there are 5 SLIC sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
EQUILON SAN DIEGO TE Global Id: T0608182474 Facility Status: Completed - Case Closed	9966 SAN DIEGO MISSI	NE 1/4 - 1/2 (0.288 mi.)	F33	68
MISSION VALLEY BULK Global Id: SL607392800 Facility Status: Open - Remediation	9950 SAN DIEGO MISSI	NE 1/4 - 1/2 (0.293 mi.)	F36	127

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
H G FENTON MATERIAL Global Id: T0608155308 Facility Status: Completed - Case Closed	7400 MURRAY CANYON R	NNW 1/4 - 1/2 (0.334 mi.)	G39	169
MISSION VALLEY PLANT Global Id: T0608197271 Facility Status: Completed - Case Closed	9300 FRIARS RD	NW 1/4 - 1/2 (0.341 mi.)	G43	184
NATIONAL UNIVERSITY/ Global Id: T0608197377 Facility Status: Completed - Case Closed	4007 CAMINO DEL RIO	E 1/4 - 1/2 (0.470 mi.)	45	199

SAN DIEGO CO. SAM: The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

A review of the SAN DIEGO CO. SAM list, as provided by EDR, and dated 03/23/2010 has revealed that there are 7 SAN DIEGO CO. SAM sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TEXACO USA (TERMINAL Case Number: H04507-002 Case Number: H04507-001 Facility Status: Remedial Investigation Facility Status: Closed Case	9966 SAN DIEGO MISSI	NE 1/4 - 1/2 (0.288 mi.)	F32	60
MISSION VALLEY TERMI Case Number: H21132-001 Facility Status: Preliminary Assessment	9950 SAN DIEGO MISSI	NE 1/4 - 1/2 (0.293 mi.)	F34	75
MOBIL OIL CORP, WCS& Case Number: H04288-001 Facility Status: Preliminary Assessment	9950 SAN DIEGO MISSI	NE 1/4 - 1/2 (0.293 mi.)	F37	166
H G FENTON MATERIAL Case Number: H21131-001 Facility Status: Closed Case	7400 MURRAY CANYON R	NNW 1/4 - 1/2 (0.334 mi.)	G39	169
H G FENTON MATERIAL Case Number: H21130-001 Case Number: H21130-002 Facility Status: Closed Case	9310 FRIARS RD	NW 1/4 - 1/2 (0.341 mi.)	G41	182
MISSION VALLEY PLANT Case Number: H02325-001 Case Number: H02325-002 Case Number: H02325-003 Case Number: H02325-004 Facility Status: Closed Case	9300 FRIARS RD	NW 1/4 - 1/2 (0.341 mi.)	G43	184
NATIONAL UNIVERSITY/ Case Number: H38278-001 Facility Status: Closed Case	4007 CAMINO DEL RIO	E 1/4 - 1/2 (0.470 mi.)	45	199

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there are 3 WMUDS/SWAT sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
THERMAL TREATMENT FA	2365 NORTHSIDE DR, B	WNW 1/8 - 1/4 (0.158 mi.)	C22	47
CLASS 2 SOIL TRTMENT	9310 FRIARS RD	NW 1/4 - 1/2 (0.341 mi.)	G40	171
SHEWEY ENVIRONMENT F	9310 FRIARS RD	NW 1/4 - 1/2 (0.341 mi.)	G42	183

Local Lists of Hazardous waste / Contaminated Sites

Toxic Pits: The Toxic Pits Cleanup Act Sites database identifies sites suspected of containing hazardous substances where cleanup has not yet been completed. The data come from the State Water Resources Control Board.

A review of the Toxic Pits list, as provided by EDR, and dated 07/01/1995 has revealed that there is 1 Toxic Pits site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
TRULY NOLEN EXTERMIN Status: CLOSED Closure Date: 03/20/90 Task #: 89008	5909 MISSION GORGE R	E 1/2 - 1 (0.866 mi.)	48	202

Local Lists of Registered Storage Tanks

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 is 1 HIST UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CALIFORNIA HIGHWAY P	3703 CAMINO DEL RIO	ESE 1/8 - 1/4 (0.216 mi.)	28	59
Facility Id: 00000035433				

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 is 1 SWEEPS UST site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
CENTERSIDE ONE Status: A Tank Status: A	3111 CAMINO DEL RIO	SW 1/8 - 1/4 (0.223 mi.)	30	59
Comp Number: 29774				

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/10/2015 has revealed that there is 1 RCRA NonGen / NLR site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
COSTCO WHOLESALE NO	2345 N MISSION CITY	WNW 1/8 - 1/4 (0.202 mi.)	E27	57

DOD: Consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

A review of the DOD list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 DOD site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
MIRAMAR NAVAL AIR ST		NNE 1/2 - 1 (0.976 mi.)	0	45

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 4 HIST CORTESE sites within approximately 0.5 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
SFPP, LP/KINDER MORG Reg Id: 9 000054N91 Reg Id: 9 000055N91 Reg Id: 9 000056N91 Reg Id: 9 000057N91	9950 SAN DIEGO MISSI	NE 1/4 - 1/2 (0.293 mi.)	F35	76

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page 171 184
CLASS 2 SOIL TRTMENT Reg Id: 9UT2950 Reg Id: 9 000000628	9310 FRIARS RD	NW 1/4 - 1/2 (0.341 mi.)	G40	171
MISSION VALLEY PLANT Reg Id: 9UT2493 Reg Id: 9UT3137	9300 FRIARS RD	NW 1/4 - 1/2 (0.341 mi.)	G43	184
TEXACO USA SALES TER Reg ld: 9UT542	9966 MISSION	NNE 1/4 - 1/2 (0.341 mi.)	44	199

Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the Notify 65 list, as provided by EDR, and dated 10/21/1993 has revealed that there is 1 Notify 65 site within approximately 1 mile of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
ARCO #1761	2696 MISSION VILLAGE	NNW 1/2 - 1 (0.948 mi.)	49	203

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 02/18/2015 has revealed that there is 1 DRYCLEANERS site within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
HANGERS CLEANERS EPA Id: CAL000222166	2169 FENTON PKWY STE	W 0 - 1/8 (0.021 mi.)	B18	45

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR US Hist Auto Stat: 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 US Hist Auto Stat list, as provided by EDR, has revealed that there are 5 EDR US

Hist Auto Stat sites within approximately 0.25 miles of the target property.

Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	3444 CAMINO DEL RIO	SSW 1/8 - 1/4 (0.137 mi.)	20	47
Not reported	2365 NORTHSIDE DR	WNW 1/8 - 1/4 (0.158 mi.)	C21	47
Not reported	3545 CAMINO DEL RIO	SE 1/8 - 1/4 (0.189 mi.)	23	49
Not reported	3435 CAMINO DEL RIO	SSE 1/8 - 1/4 (0.195 mi.)	D24	49
Not reported	3333 CAMINO DEL RIO	SSW 1/8 - 1/4 (0.222 mi.)	29	59

EDR US Hist 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.

A review of the EDR US Hist Cleaners list, as provided by EDR, has revealed that there are 3 EDR US Hist Cleaners sites within approximately 0.25 miles of the target property.

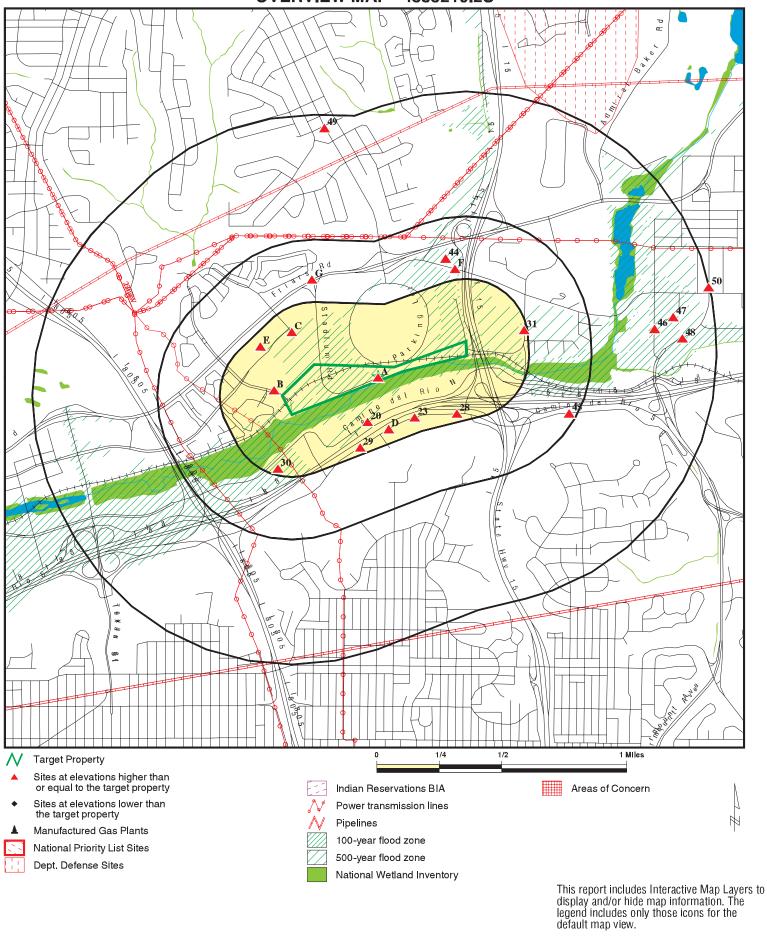
Equal/Higher Elevation	Address	Direction / Distance	Map ID	Page
Not reported	2169 FENTON PKWY	W 0 - 1/8 (0.039 mi.)	B19	46
Not reported	3435 CAMINO DEL RIO	SSE 1/8 - 1/4 (0.195 mi.)	D25	49
Not reported	5942 RANCHO MISSION	ENE 1/8 - 1/4 (0.237 mi.)	31	60

Due to I	poor or inaded	juate address info	ormation, the	following sites	were not mappe	d. Count: 1 reco	ords.

Site Name Database(s)

CAL-MAT MISSION VALLEY SAN DIEGO CO. SAM

OVERVIEW MAP - 4333219.2S



CLIENT: CONTACT: ADDRESS: 9449 Friars Road Sani Sutanto San Diego CA 92108 INQUIRY#: 4333219.2s LAT/LONG:

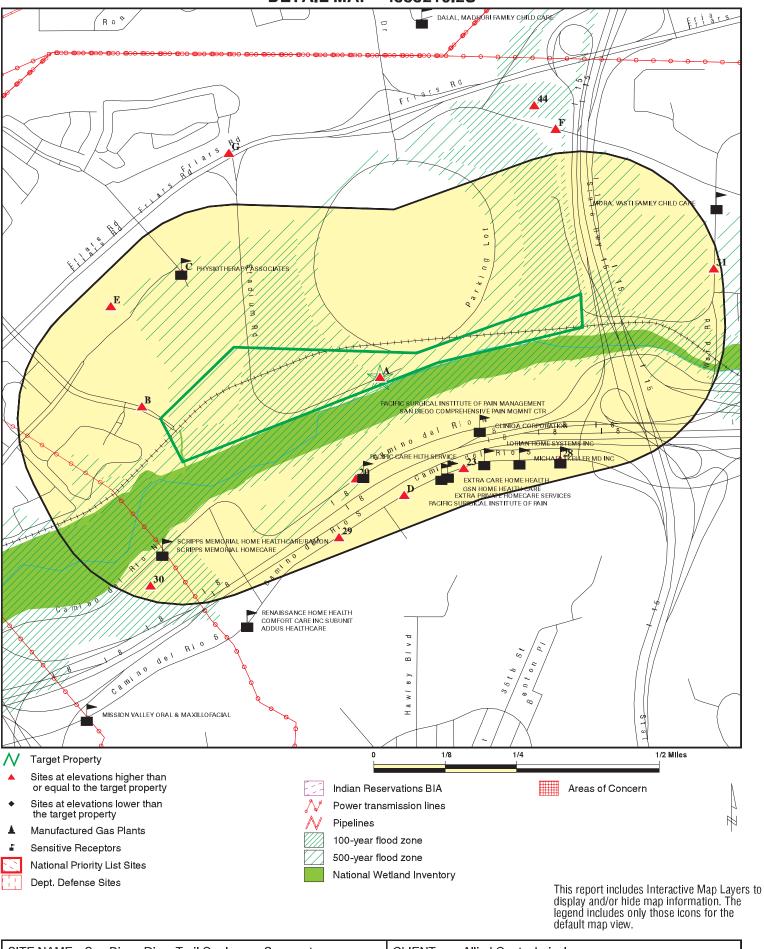
San Diego River Trail Qualcomm Segment

SITE NAME:

32 7801 / 117 1205 DATE: June 22, 2015 4:59 pm

Allied Geotechnical

DETAIL MAP - 4333219.2S



SITE NAME: San Diego River Trail Qualcomm Segment ADDRESS: 9449 Friars Road

San Diego CA 92108 LAT/LONG: 32.7801 / 117.1205 CLIENT: Allied Geotechnical CONTACT: Sani Sutanto

INQUIRY #: 4333219.2s DATE: June 22, 2015 5:01 pm

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Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
STANDARD ENVIRONMENT	TAL RECORDS							
Federal NPL site list								
NPL Proposed NPL NPL LIENS	1.000 1.000 0.001		0 0 0	0 0 NR	0 0 NR	0 0 NR	NR NR NR	0 0 0
Federal Delisted NPL sit	e list							
Delisted NPL	1.000		0	0	0	0	NR	0
Federal CERCLIS list								
CERCLIS FEDERAL FACILITY	0.500 0.500		0 0	0 0	0 0	NR NR	NR NR	0 0
Federal CERCLIS NFRAI	P site List							
CERC-NFRAP	0.500		0	0	0	NR	NR	0
Federal RCRA CORRAC	TS facilities li	st						
CORRACTS	1.000		0	0	0	0	NR	0
Federal RCRA non-COR	RACTS TSD f	acilities list						
RCRA-TSDF	0.500		0	0	0	NR	NR	0
Federal RCRA generator	s list							
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250		0 0 0	1 0 0	NR NR NR	NR NR NR	NR NR NR	1 0 0
Federal institutional con engineering controls reg								
US ENG CONTROLS US INST CONTROL LUCIS	0.500 0.500 0.500		0 0 0	0 0 0	0 0 0	NR NR NR	NR NR NR	0 0 0
Federal ERNS list								
ERNS	0.001	1	0	NR	NR	NR	NR	1
State- and tribal - equiva	lent NPL							
RESPONSE	1.000		0	0	0	0	NR	0
State- and tribal - equiva	lent CERCLIS	3						
ENVIROSTOR	1.000		0	0	1	3	NR	4
State and tribal landfill a solid waste disposal site								
SWF/LF	0.500		0	0	0	NR	NR	0
State and tribal leaking s	storage tank l	ists						
LUST	0.500		0	0	4	NR	NR	4

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC SAN DIEGO CO. SAM INDIAN LUST	0.500 0.500 0.500	2	0 0 0	0 0 0	5 7 0	NR NR NR	NR NR NR	7 8 0
State and tribal registere	ed storage tar	ık lists						
UST AST INDIAN UST FEMA UST	0.250 0.250 0.250 0.250	1	0 0 0 0	0 0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	1 1 0 0
State and tribal voluntary	y cleanup site	es						
INDIAN VCP VCP	0.500 0.500		0	0 0	0 0	NR NR	NR NR	0 0
ADDITIONAL ENVIRONMEN	ITAL RECORDS	<u>s</u>						
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	0	NR	NR	0
Local Lists of Landfill / S Waste Disposal Sites	Solid							
DEBRIS REGION 9 ODI SWRCY HAULERS INDIAN ODI WMUDS/SWAT	0.500 0.500 0.500 0.001 0.500 0.500	1	0 0 0 0 0	0 0 0 NR 0 1	0 0 0 NR 0 2	NR NR NR NR NR	NR NR NR NR NR	0 0 1 0 0 3
Local Lists of Hazardous Contaminated Sites	s waste /							
US CDL HIST Cal-Sites SCH Toxic Pits CDL San Diego Co. HMMD US HIST CDL	0.001 1.000 0.250 1.000 0.001 0.001 0.001	1	0 0 0 0 0	NR 0 0 0 NR NR NR	NR 0 NR 0 NR NR NR	NR 0 NR 1 NR NR	NR NR NR NR NR NR	0 0 0 1 0 1
Local Lists of Registered	d Storage Tar	iks						
CA FID UST HIST UST SWEEPS UST	0.250 0.250 0.250	1	0 0 0	0 1 1	NR NR NR	NR NR NR	NR NR NR	0 1 2
Local Land Records								
LIENS 2 LIENS DEED	0.001 0.001 0.500		0 0 0	NR NR 0	NR NR 0	NR NR NR	NR NR NR	0 0 0
Records of Emergency F	Release Repo	rts						
HMIRS	0.001		0	NR	NR	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CHMIRS LDS MCS SPILLS 90	0.001 0.001 0.001 0.001	4	0 0 0 0	NR NR NR NR	NR NR NR NR	NR NR NR NR	NR NR NR NR	4 0 0 0
Other Ascertainable Rec								
RCRA NonGen / NLR	0.250		0	1	NR	NR	NR	1
DOT OPS	0.001		Ō	NR	NR	NR	NR	0
DOD	1.000		0	0	0	1	NR	1
FUDS	1.000		0	0	0	0	NR	0
CONSENT	1.000		0	0	0	0	NR	0
ROD	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
US MINES	0.250		0	0 ND	NR NR	NR NR	NR	0
TRIS TSCA	0.001 0.001		0 0	NR NR	NR NR	NR NR	NR NR	0 0
FTTS	0.001	1	0	NR NR	NR NR	NR	NR	1
HIST FTTS	0.001	1	0	NR	NR	NR	NR	1
SSTS	0.001	•	Ő	NR	NR	NR	NR	Ö
ICIS	0.001		ő	NR	NR	NR	NR	Ö
PADS	0.001		0	NR	NR	NR	NR	0
MLTS	0.001		0	NR	NR	NR	NR	0
RADINFO	0.001		0	NR	NR	NR	NR	0
FINDS	0.001	1	0	NR	NR	NR	NR	1
RAATS	0.001		0	NR	NR	NR	NR	0
RMP	0.001		0	NR	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	0	NR	0
NPDES	0.001	1	0	NR	NR	NR	NR	1
UIC	0.001		0	NR	NR	NR	NR	0
Cortese HIST CORTESE	0.500 0.500		0 0	0 0	0 4	NR NR	NR NR	0 4
CUPA Listings	0.250		0	0	NR	NR	NR	0
Notify 65	1.000		0	0	0	1	NR	1
DRYCLEANERS	0.250		1	Ö	NR	NR	NR	i 1
WIP	0.250		0	Ö	NR	NR	NR	Ö
ENF	0.001		0	NR	NR	NR	NR	0
HAZNET	0.001	5	0	NR	NR	NR	NR	5
EMI	0.001		0	NR	NR	NR	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
WDS	0.001		0	NR	NR	NR	NR	0
Financial Assurance	0.001		0	NR	NR	NR	NR	0
PROC	0.500		0	0	0 ND	NR	NR	0
HWT HWP	0.250 1.000		0 0	0 0	NR 0	NR 0	NR NR	0 0
MWMP	0.250		0	0	NR	NR	NR	0
LEAD SMELTERS	0.230		0	NR	NR	NR	NR	0
US AIRS	0.001		Ö	NR	NR	NR	NR	0
EPA WATCH LIST	0.001		Ő	NR	NR	NR	NR	Ö
US FIN ASSUR	0.001		Ö	NR	NR	NR	NR	Ö
COAL ASH EPA	0.500		0	0	0	NR	NR	0

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted	
PCB TRANSFORMER	0.001		0	NR	NR	NR	NR	0	
COAL ASH DOE	0.001		0	NR	NR	NR	NR	0	
2020 COR ACTION	0.250		0	0	NR	NR	NR	0	
PRP	0.001		0	NR	NR	NR	NR	0	
EDR HIGH RISK HISTORICAL RECORDS									
EDR Exclusive Records									
EDR MGP	1.000		0	0	0	0	NR	0	
EDR US Hist Auto Stat	0.250		0	5	NR	NR	NR	5	
EDR US Hist Cleaners	0.250		1	2	NR	NR	NR	3	
EDR RECOVERED GOVERN	IMENT ARCHIV	/ES							
Exclusive Recovered Go	vt. Archives								
RGA LUST	0.001	1	0	NR	NR	NR	NR	1	
RGA LF	0.001		0	NR	NR	NR	NR	0	
- Totals		23	2	12	23	6	0	66	

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

Α1 **QUALCOMM STADIUM** RGA LUST S114672979 N/A

Target 9449 FRIARS RD SAN DIEGO, CA **Property**

Site 1 of 17 in cluster A

RGA LUST: Actual:

QUALCOMM STADIUM 49 ft. 2007 9449 FRIARS RD

2006 QUALCOMM STADIUM 9449 FRIARS RD

HAZNET \$113019920 **A2 CITY OF SAN DIEGO Target** 9449 FRIARS RD N/A

SAN DIEGO, CA 92108 **Property**

Site 2 of 17 in cluster A

HAZNET: Actual:

S113019920 envid: 49 ft. Year: 2006

> GEPAID: CAH111000319 DONNA SKINNER Contact: 6194925005 Telephone: Mailing Name: Not reported

Mailing Address: 9601 RIDGEHAVEN CT #320 SAN DIEGO, CA 921231636 Mailing City, St, Zip:

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 0.66 Tons: Facility County: San Diego

envid: S113019920 Year: 2006

GEPAID: CAH111000319 DONNA SKINNER Contact: 6194925005 Telephone: Mailing Name: Not reported

9601 RIDGEHAVEN CT #320 Mailing Address: Mailing City, St, Zip: SAN DIEGO, CA 921231636

Gen County: Not reported TSD EPA ID: CAD050806850 TSD County: Not reported Waste Category: Household waste Disposal Method: Not reported Tons: 0.04

Facility County: San Diego S113019920

envid:

Year: 2006 GEPAID: CAH111000319 Contact: DONNA SKINNER Telephone: 6194925005 Mailing Name: Not reported

Mailing Address: 9601 RIDGEHAVEN CT #320 Mailing City, St, Zip: SAN DIEGO, CA 921231636

Gen County: Not reported CAD050806850 TSD EPA ID: TSD County: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CITY OF SAN DIEGO (Continued)

S113019920

Waste Category: Household waste Disposal Method: Not reported Tons: 0.07 Facility County: San Diego

S113019920 envid: Year: 2006

GEPAID: CAH111000319 Contact: **DONNA SKINNER** Telephone: 6194925005 Mailing Name: Not reported

9601 RIDGEHAVEN CT #320 Mailing Address: Mailing City, St, Zip: SAN DIEGO, CA 921231636

Gen County: Not reported CAD050806850 TSD EPA ID: TSD County: Not reported Household waste Waste Category: Disposal Method: Not reported Tons: 0.11

Facility County: San Diego

envid: S113019920 Year: 2006

GEPAID: CAH111000319 Contact: DONNA SKINNER 6194925005 Telephone: Mailing Name: Not reported

Mailing Address: 9601 RIDGEHAVEN CT #320 Mailing City, St, Zip: SAN DIEGO, CA 921231636

Gen County: Not reported TSD EPA ID: CAT080013352 Not reported TSD County:

Waste Category: Waste oil and mixed oil

Disposal Method: Recycler Tons: 3.16 Facility County: San Diego

> Click this hyperlink while viewing on your computer to access 47 additional CA_HAZNET: record(s) in the EDR Site Report.

А3 **NEILSON DILLINGHAM BUILDERS INC**

Target 9449 FRIAR'S RD SAN DIEGO, CA 92108 **Property**

Site 3 of 17 in cluster A

HAZNET: Actual:

49 ft. envid: S112844325 Year: 1997

> GEPAID: CAC000771576

NEILSON DILLINGHAM BUILDERS IN Contact:

Telephone: 6192916330 Mailing Name: Not reported Mailing Address: PO BOX 80367

Mailing City, St, Zip: SAN DIEGO, CA 921380000

Gen County: Not reported CAD000088252 TSD EPA ID: TSD County: Not reported

HAZNET S112844325

N/A

Direction Distance

Elevation Site Database(s) EPA ID Number

NEILSON DILLINGHAM BUILDERS INC (Continued)

Waste Category: Contaminated soil from site clean-up

Disposal Method: Transfer Station

Tons: .8428
Facility County: San Diego

A4 SDCTY QUALCOMM STADIUM HAZNET S113029726
Target 9449 FRIARS RD N/A

Target 9449 FRIARS RD Property SAN DIEGO, CA 92108

Site 4 of 17 in cluster A

Actual: HAZNET: 49 ft. envid:

envid: \$113029726 Year: 2013

GEPAID: CAL000022738
Contact: JOY NEWMAN
Telephone: 8585731204
Mailing Name: Not reported

Mailing Address: 9601 RIDGEHAVEN CT
Mailing City,St,Zip: SAN DIEGO, CA 921230000

Gen County: San Diego
TSD EPA ID: CAD008364432
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: 0.0198 Facility County: Not reported

envid: \$113029726 Year: 2013

GEPAID: CAL000022738
Contact: JOY NEWMAN
Telephone: 8585731204
Mailing Name: Not reported

Mailing Address: 9601 RIDGEHAVEN CT
Mailing City,St,Zip: SAN DIEGO, CA 921230000

Gen County: San Diego
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Not reported

Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site

Tons: 0.0396 Facility County: Not reported

envid: \$113029726 Year: 2012

GEPAID: CAL000022738
Contact: JOY NEWMAN
Telephone: 8585731204
Mailing Name: Not reported

Mailing Address: 9601 RIDGEHAVEN CT
Mailing City,St,Zip: SAN DIEGO, CA 921230000

Gen County: San Diego
TSD EPA ID: CAD008364432
TSD County: Los Angeles
Waste Category: Not reported

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

EDR ID Number

S112844325

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SDCTY QUALCOMM STADIUM (Continued)

S113029726

(H010-H129) Or (H131-H135)

Tons: 0.043 San Diego Facility County:

envid: S113029726 Year: 2012

GEPAID: CAL000022738 Contact: JOY NEWMAN Telephone: 8585731204 Mailing Name: Not reported

Mailing Address: 9601 RIDGEHAVEN CT Mailing City, St, Zip: SAN DIEGO, CA 921230000

Gen County: San Diego TSD EPA ID: CAD008364432 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: 0.043 Facility County: San Diego

envid: S113029726 Year: 2012 GEPAID: CAL000022738 Contact: JOY NEWMAN

Telephone: 8585731204 Mailing Name: Not reported

Mailing Address: 9601 RIDGEHAVEN CT Mailing City, St, Zip: SAN DIEGO, CA 921230000

San Diego Gen County: TSD EPA ID: CAD008364432 TSD County: Los Angeles Waste Category: Not reported

Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site

Tons: 0.0495 Facility County: San Diego

> Click this hyperlink while viewing on your computer to access 163 additional CA_HAZNET: record(s) in the EDR Site Report.

Α5 **ROBBIE GORDON STADIUM SUPER TRUCK Target**

9449 FRIARS RD SAN DIEGO, CA 92108 **Property**

Site 5 of 17 in cluster A

HAZNET: Actual: 49 ft.

envid: S112950118 Year: 2013

> GEPAID: CAC002728728 Contact: JOHN CARLSON Telephone: 7048048577 Mailing Name: Not reported Mailing Address: 9449 FRIARS RD Mailing City, St, Zip: SAN DIEGO, CA 92108

Gen County: San Diego NED981723513 TSD EPA ID:

TSD County: 99 HAZNET S112950118

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ROBBIE GORDON STADIUM SUPER TRUCK (Continued)

S112950118

Waste Category: Not reported

Disposal Method: Incineration--Thermal Destruction Other Than Use As A Fuel

0.075 Tons: Facility County: Not reported

S112950118 envid: Year: 2013

GEPAID: CAC002728728 Contact: JOHN CARLSON Telephone: 7048048577 Mailing Name: Not reported 9449 FRIARS RD Mailing Address: Mailing City, St, Zip: SAN DIEGO, CA 92108

Gen County: San Diego CAT000613893 TSD EPA ID: TSD County: Los Angeles Not reported Waste Category:

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 0.04

Facility County: Not reported

envid: S112950118

Year: 2005

GEPAID: CAC002598286 Contact: JAMES WELCH Telephone: 9098772651 Mailing Name: Not reported PO BOX 341 Mailing Address:

Mailing City, St, Zip: BLOOMINGTON, CA 923160341

Gen County: Not reported TSD EPA ID: CAD982444481 TSD County: Not reported Waste Category: Other organic solids

Disposal Method: Recycler 121.36 Tons: Facility County: San Diego

S112950118 envid: Year: 2005

GEPAID: CAC002598286 Contact: JAMES WELCH Telephone: 9098772651 Not reported Mailing Name: Mailing Address: PO BOX 341

Mailing City, St, Zip: BLOOMINGTON, CA 923160341

Gen County: Not reported CAT080013352 TSD EPA ID: TSD County: Not reported Waste Category: Not reported Disposal Method: Recycler Tons: 18.76 San Diego Facility County:

envid: S112950118 2005 Year:

GEPAID: CAC002598286

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ROBBIE GORDON STADIUM SUPER TRUCK (Continued)

S112950118

Contact: JAMES WELCH 9098772651 Telephone: Mailing Name: Not reported Mailing Address: PO BOX 341

Mailing City, St, Zip: BLOOMINGTON, CA 923160341

Gen County: Not reported TSD EPA ID: CAT080013352 Not reported TSD County:

Waste Category: Alkaline solution without metals pH >= 12.5

Disposal Method: Recycler Tons: 23.76 Facility County: San Diego

> Click this hyperlink while viewing on your computer to access 3 additional CA_HAZNET: record(s) in the EDR Site Report.

Α6 **JACK MURPHY STADIUM Target** 9449 FRIARS RD

FTTS 1004443440 **HIST FTTS** N/A

SAN DIEGO, CA 92108 Site 6 of 17 in cluster A

Actual: 49 ft.

Property

FTTS INSP:

Inspection Number: 1988022404947 2

Region: 09 Inspection Date: 02/24/88 Inspector: **CZAJKOWSKI**

Violation occurred: Yes

Investigation Type: Section 6 PCB Federal Conducted

Investigation Reason: Neutral Scheme, Region

Legislation Code: **TSCA** Facility Function: User

HIST FTTS INSP:

1988022404947 2 Inspection Number:

Region: 09

Inspection Date: Not reported CZAJKOWSKI Inspector:

Violation occurred:

Investigation Type: Section 6 PCB Federal Conducted

Neutral Scheme, Region Investigation Reason:

Legislation Code: **TSCA** Facility Function: User

Distance

Elevation Site Database(s) EPA ID Number

A7 CHMIRS S105638320
Target PARKING LOT, JACK MURPHY STADIUM 9449 FRIARS ROAD N/A

Property SAN DIEGO, CA 92108

Site 7 of 17 in cluster A

Actual: CHMIRS:

49 ft. OES Incident Number: 010944
OES notification: Not reported

 OES Date:
 11/16/1995

 OES Time:
 05:30:55 PM

 Incident Date:
 Not reported

 Date Completed:
 Not reported

 Property Use:
 Not reported

Agency Id Number: Not reported
Agency Incident Number: Not reported
Agency Incident Number: Not reported
Time Notified: Not reported
Time Completed: Not reported
Surrounding Area: Not reported

Estimated Temperature:
Property Management:
More Than Two Substances Involved?:
Resp Agncy Personel # Of Decontaminated:
Responding Agency Personel # Of Injuries:
Not reported
Not reported
Not reported
Not reported
Not reported

Responding Agency Personel # Of Injuries: Not reported Responding Agency Personel # Of Fatalities: 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

Not reported Waterway: Spill Site: Not reported Cleanup By: herzog const Containment: Not reported What Happened: Not reported OTHER Type: Measure: Not reported Other: Not reported Date/Time: Not reported Year: 1995

Agency: herzog const
Incident Date: 1630/16nov95
Admin Agency: Not reported
Amount: 1000 gal
Contained: NO
Site Type: OTHER
E Date: Not reported

Substance: dissolved jet fuel (10k ppb)

Unknown: Not reported Substance #2: Not reported Substance #3: Not reported

EDR ID Number

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

(Continued) S105638320

Evacuations: NO NO Number of Injuries: Number of Fatalities: NO

#1 Pipeline: Not reported #2 Pipeline: Not reported #3 Pipeline: Not reported #1 Vessel >= 300 Tons: Not reported #2 Vessel >= 300 Tons: Not reported #3 Vessel >= 300 Tons: Not reported Evacs: Not reported Injuries: Not reported Fatals: Not reported Comments: Not reported

Description: water pumping overflowed onto lot, cleaned up mtdb enviro health on

scene

1016293742 **JACK MURPHY STADIUM FINDS**

9449 FRIARS RD **Target Property** SAN DIEGO, CA 92108

Site 8 of 17 in cluster A

Actual: 49 ft.

A8

FINDS:

Registry ID: 110011660103

Environmental Interest/Information System

NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions,

and settlements.

110057108133 Registry ID:

Environmental Interest/Information System STATE MASTER

Α9 **ERNS** 2008862095

9449 FRIARS ROAD **Target Property** SAN DIEGO, CA

Site 9 of 17 in cluster A

Actual: Click this hyperlink while viewing on your computer to access

49 ft. additional ERNS detail in the EDR Site Report. N/A

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

A10 **QUALCOMM STADIUM** SAN DIEGO CO. SAM S107619885 N/A

Target 9449 FRIARS RD SAN DIEGO, CA 92108 **Property**

Site 10 of 17 in cluster A

Actual: 49 ft.

SAN DIEGO CO. SAM: Case Number: H21360-001

Agency: **DEH Site Assessment & Mitigation**

Private - VAP Funding: Facility Type: Soils Only Facility Status: Closed Case 3/15/2007 Date: 12/7/2005 Date Began:

A11 CHMIRS S116777466 N/A

14-0895

Target 9449 FRIARS RD **SAN DIEGO, CA 92108 Property**

Site 11 of 17 in cluster A

OES Incident Number:

Actual:

49 ft.

CHMIRS:

OES notification: 02/13/2014 OES Date: Not reported OES Time: Not reported Incident Date: Not reported Not reported Date Completed: Property Use: Not reported Agency Id Number: Not reported Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported **Estimated Temperature:** Not reported Property Management: Not reported More Than Two Substances Involved?: Not reported Resp Agncy Personel # Of Decontaminated: Not reported Responding Agency Personel # Of Injuries: Not reported Responding Agency Personel # Of Fatalities: Not reported Others Number Of Decontaminated: Not reported Others Number Of Injuries: Not reported Others Number Of Fatalities: Not reported Vehicle Make/year: Not reported Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA DOT PUC/ICC Number: Not reported Company Name: Not reported Reporting Officer Name/ID: Not reported Report Date: Not reported Facility Telephone: Not reported

Waterway Involved: Yes San Diego River Waterway:

Road Spill Site: Cleanup By: No

Containment: Not reported What Happened: Not reported Not reported Type: Measure: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

(Continued) S116777466

Other: Not reported CHEMICAL Type: Measure: Gal(s) Other: Not reported Date/Time: 1600 2014 Year:

San Diego Fire Rescue Hazmat Agency:

Incident Date: 2/13/2014 Admin Agency: Not reported Amount: Not reported Contained: Unknown Site Type: San Diego River E Date: Not reported Substance: Flourescein Dye

Quantity Released:

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: Nο Evacs: No Injuries: Unknown Fatals: No Comments: Not reported

Description: Caller states fluorescein dye was coming out of a storm drain mixed

with water. Hazmat attempted to locate the source but was unable to

SWRCY

CHMIRS

SLIC

UST AST U003789745

N/A

locate it. The substance will dry and no clean up will occur.

A12 **SDCTY QUALCOMM STADIUM**

Target 9449 FRIARS RD **Property** SAN DIEGO, CA 92108

Site 12 of 17 in cluster A San Diego Co. HMMD

Actual: SWRCY: 49 ft.

Reg Id: 51841 RC14685 Cert Id: P O Box 80156 Mailing Address: San Diego Mailing City: Mailing State: CA Mailing Zip Code: 92138 Website: Not reported

Email: dsaldajeno@urbancorps.org

Phone Number: (619) 641-3100

Grand Father: Ν Rural: Ν

Operation Begin Date: 03/10/2010

Aluminium: Glass: Υ Υ Plastic:

Direction Distance

Elevation Site Database(s) EPA ID Number

SDCTY QUALCOMM STADIUM (Continued)

Bimetal: Y Agency: N/A

Monday Hours Of Operation: 8:00 am - 3:00 pm
Tuesday Hours Of Operation: CLOSED
Wednesday Hours Of Operation: CLOSED

Thursday Hours Of Operation:

8:00 am - 3:00 pm

Organization ID: 18834

Organization Name: Urban Corps of San Diego County

SLIC:

Region: STATE

Facility Status: Completed - Case Closed

 Status Date:
 03/15/2007

 Global Id:
 T06019753152

Lead Agency: SAN DIEGO COUNTY LOP

Lead Agency Case Number: H21360-001 Latitude: 32.787166 Longitude: -117.118351

Case Type: Cleanup Program Site

Case Worker: Not reported Local Agency: Not reported RB Case Number: Not reported File Location: Local Agency

Potential Media Affected: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

UST:

Facility ID: H21360

Permitting Agency: SAN DIEGO COUNTY

Latitude: 32.7853703 Longitude: -117.1186805

AST:

Certified Unified Program Agencies: San Diego

Owner: CITY OF SAN DIEGO

Total Gallons: 2050

CHMIRS:

OES Incident Number: 03-1087 OES notification: 02/25/2003 **OES Date:** Not reported **OES Time:** Not reported Not reported Incident Date: **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

EDR ID Number

U003789745

MAP FINDINGS Map ID Direction

Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SDCTY QUALCOMM STADIUM (Continued)

U003789745

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 Not reported Responding Agency Personel # Of Injuries: Not reported Responding Agency Personel # Of Fatalities: Others Number Of Decontaminated: Not reported Others Number Of Injuries: Not reported Others Number Of Fatalities: Not reported Vehicle Make/year: Not reported Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA DOT PUC/ICC Number: Not reported Company Name: Not reported Reporting Officer Name/ID: Not reported Report Date: Not reported Facility Telephone: Not reported Waterway Involved: No

Waterway: Not reported Spill Site: Not reported Cleanup By: Unknown Containment: Not reported What Happened: Not reported Type: Not reported Measure: Not reported Other: Not reported Date/Time: Not reported 2003 Year:

San Diego Co Environmental Health Agency:

Incident Date: 2/23/200312:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported

Contained: Yes

Merchant/Business Site Type: E Date: Not reported Substance: Ammonia Gallons: 0.000000 Ounces: 9 Unknown: 0

Substance #2: Not reported Substance #3: Not reported

Evacuations: 0 Number of Injuries: 3 Number of Fatalities:

#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 Not reported Evacs: Injuries: Not reported Fatals: Not reported Comments: Not reported

Description: Substance was released due to a leak in the refrigeration unit of a

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SDCTY QUALCOMM STADIUM (Continued)

U003789745

motor home. Note: Injuries where transported to local hospital all where treated. One was hospitalized. Hospitalized patient has since been released.

SAN DIEGO CO. HMMD:

Facility Id: 121360 Business Type: 6HK40 EPA Id Number: CAL000022738 APN: 433-250-16-00 Last HMMD Inspection: 04/21/2010 Permit Status: **OPEN** Permit Expiration: 06/30/2013

Facility Owner: CITY OF SAN DIEGO Facility Address: 9449 FRIARS RD #L48

Facility City: SAN DIEGO

Facility State: CA

Facility Zip: 92108-1771

UST Owner: CITY OF SAN DIEGO

Handle Regulated Hazmat: Υ Own Or Operate UST: Υ Subject To APSA: Υ Generate Haz Waste: Υ

Treat Haz Waste: Not reported Generate Medical Waste: Not reported

UST:

UST Name: UNDERGROUND TANK 121360 T001

Last Update: 2012-11-02 14:17:38

Permit Number: 121360 Tank Type: SINGLE WALL

Additional Id: Capacity Gallons: 550 **UST Contents:** LEADED Other Content Info: **LEADED REMOVED** Reg Status:

Remove Close Date: 1991-02-26 00:00:00 Year Installed: 1968-01-01 00:00:00 Pipe Type: Not reported Delivery System: Not reported

Monitor Code: 05

SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY **UST Monitor Method:**

MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 121360 T002

Last Update: 2012-11-02 14:17:38 Permit Number: 121360

Tank Type: **DOUBLE WALL**

Additional Id: NT1524 REGULAR UNLEADED/AT4948

Capacity Gallons: 1000

UST Contents: REGULAR UNLEADED **REGULAR UNLEADED** Other Content Info:

Reg Status: **REMOVED**

Remove Close Date: 2004-01-16 00:00:00 Year Installed: 1991-01-01 00:00:00 Pipe Type: **DOUBLE WALL** Delivery System: **PRESSURE**

Monitor Code: 20

Direction Distance

Elevation Site Database(s) EPA ID Number

SDCTY QUALCOMM STADIUM (Continued)

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EDR ID Number

UST Monitor Method: DW TANK DW PRESSURE PIPE W/ SHUT OFF AND ALARM ON LINE LEAK

DETECTOR: INTERSTITIAL.

UST Name: UNDERGROUND TANK 121360 T003

Last Update: 2012-11-02 14:17:38

Permit Number: 121360
Tank Type: DOUBLE WALL

Additional Id: NT1524 DIESEL/AT4948

Capacity Gallons: 1000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED

 Remove Close Date:
 2004-01-16 00:00:00

 Year Installed:
 1991-01-01 00:00:00

 Pipe Type:
 DOUBLE WALL

 Delivery System:
 PRESSURE

Monitor Code: 20

UST Monitor Method: DW TANK DW PRESSURE PIPE W/ SHUT OFF AND ALARM ON LINE LEAK

DETECTOR: INTERSTITIAL.

UST Name: UNDERGROUND TANK 121360 T004

Last Update: 2012-11-02 14:17:38

Permit Number: 121360

Tank Type: DOUBLE WALL

Additional Id: NT1524 DIESEL/AT4948

Capacity Gallons: 1000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED

 Remove Close Date:
 2004-01-16 00:00:00

 Year Installed:
 1991-01-01 00:00:00

 Pipe Type:
 DOUBLE WALL

 Delivery System:
 PRESSURE

Monitor Code: 20

UST Monitor Method: DW TANK DW PRESSURE PIPE W/ SHUT OFF AND ALARM ON LINE LEAK

DETECTOR: INTERSTITIAL.

Active Permits:

Facility Id: 121360 Update Date: 11/02/2012 Case Number: MIXTURE

Name: CHEMSEARCH 777
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: 68476-34-6 Name: **DIESEL FUEL** Other Information: 1 X 500 AST Material Waste: Material Hazardous Categories 1: **CHRONIC** Hazardous Categories 2: Not reported

Facility Id: 121360

Direction Distance

Elevation Site Database(s) EPA ID Number

SDCTY QUALCOMM STADIUM (Continued)

U003789745

EDR ID Number

Update Date: 11/02/2012
Case Number: 8006-61-9
Name: GASOLINE
Other Information: 1 X 1000 AST
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: Not reported

Facility Id: 121360
Update Date: 11/02/2012
Case Number: MIXTURE

Name: OPTI-GRO HYDRATURF

Other Information:

Material Waste:

Hazardous Categories 1:
Hazardous Categories 2:

Not reported

Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)

Other Information: BATTERIES:UNIVERSAL WASTE

Material Waste: Waste

Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG

Other Information: AQUEOUS IMMERSION CLEANER

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 221 WASTE OIL & MIXED OIL

Other Information: USED OIL

Material Waste: Waste

Hazardous Categories 1: Not reported

Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 352 ORGANIC SOLIDS (OTHER)

Other Information: ABSORBANT, SOIL, RAG

Material Waste: Waste

Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: 8002-05-9

Name: OILS, LUBRICATING

Direction Distance

Elevation Site Database(s) EPA ID Number

SDCTY QUALCOMM STADIUM (Continued)

U003789745

EDR ID Number

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 121360
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE
Other Information: Not reported
Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 121360
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: 57-13-6

Name: UREA-BASED FERTILIZER

Other Information: Not reported Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL & GAS FILTERS

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 444 USED BATTERIES

Other Information: BATTERY SYSTEMS

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: 74-86-2

Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Direction Distance

Elevation Site Database(s) EPA ID Number

SDCTY QUALCOMM STADIUM (Continued)

U003789745

EDR ID Number

Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: MIX

Name: ARGON/CARBON DIOXIDE MIX

Other Information: Not reported Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: ACUTE

Facility Id: 121360 Update Date: 11/02/2012 Case Number: 107-21-1

Name: ETHYLENE GLYCOL
Other Information: ANTIFREEZE
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N

Other Information: AQUEOUS PARTS WASHER

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 121360
Update Date: 11/02/2012
Case Number: Not reported

Name: WASTE 461 PAINT SLUDGE Other Information: PAINT WASTE, LATEX

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: 15245-12-2

Name: AMMONIUM CALCIUM NITRATE

Other Information: CALICINIT
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: mixture

Name: PAINT, WATER BASED LATEX AND FIELD PAINT

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

CHRONIC

Facility Id: 121360

Direction Distance

Elevation Site Database(s) EPA ID Number

SDCTY QUALCOMM STADIUM (Continued)

U003789745

EDR ID Number

Update Date: 11/02/2012
Case Number: Not reported

Name: WASTE 331 OFF-SPEC, AGED, SURPLUS ORGANICS

Other Information: WASTE AEROSOLS

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE

Other Information: USED PHOTOGRAPHIC FIXER WASTE/SAN DIEGO X-RAY

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

 Facility Id:
 121360

 Update Date:
 11/02/2012

 Inspection Date:
 06/24/2003

 Violation Code:
 6HV3255

Violation: SPILL CONTAIN. NOT DRY/IN GOOD CONDITION
Violation Citation: Spill container is not in good condition and/or liquid free.

2635(b)(1), 2636(a)(1)

Activity: ACTIVE

 Facility Id:
 121360

 Update Date:
 11/02/2012

 Inspection Date:
 04/26/2005

 Violation Code:
 6HV0135

Violation: MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT

Violation Citation: Hazardous waste manifests/receipts for 3 years are not maintained

onsite to document proper disposal of hazardous waste. CCR 66262.40(a)

& 25160.2(b)(3)

Activity: ACTIVE

 Facility Id:
 121360

 Update Date:
 11/02/2012

 Inspection Date:
 02/08/2007

 Violation Code:
 6HV4308

Violation: VSQG:RED BAG >30 DAYS AT >0C ROOM TEMP

Violation Citation: Storage time exceeded for red bag waste, stored greater than 30 days

at greater than 0C room temperature (for generators of <20

pounds/month). 118280(d)(1)(B)

Activity: ACTIVE

 Facility Id:
 121360

 Update Date:
 11/02/2012

 Inspection Date:
 02/08/2007

 Violation Code:
 6HV0227

Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE

Violation Citation: Failed to properly label/date hazardous waste container &/or tank.

66262.34(f)

Activity: ACTIVE

Facility Id: 121360

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SDCTY QUALCOMM STADIUM (Continued)

U003789745

Update Date: 11/02/2012 09/03/2008 Inspection Date: Violation Code: 6HV1018

Violation: INVENTORY INCOMPLETE/NOT AMENDED

Violation Citation: Inventory not amended for 100% increase of hazardous material onsite

or inventory is incomplete. 25509, 25510

ACTIVE Activity:

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 04/26/2005 Violation Code: 6HV0202

WASTE CONTAINER W/O LABELS Violation:

Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation

date and/or are improperly labeled. CCR 66262.34(a)(2);

66262.34(a)(3) & 66262.34(f)

ACTIVE Activity:

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 04/26/2005 Violation Code: 6HV1012

SPCC PLAN NOT PREPARED Violation:

Violation Citation: Spill Prevention Countermeasures & Control Plan not prepared as

required. 25270.5 (c)

Activity: **ACTIVE**

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 02/08/2007 Violation Code: 6HV0307

Violation: ILLEGAL DISPOSAL OF UNIVERSAL WASTE

Violation Citation: Disposal of universal waste to an unauthorized point. 25189.5(a);

SQH:66273.11(a); LQH: 66273.31(a)

ACTIVE Activity:

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 09/03/2008 Violation Code: 6HV0407

Violation: EMPLOYEE TRAINING NOT ADEQUATE

Employee training program for small quantity generator of hazardous Violation Citation:

waste is inadequate. CFR 262.34(d)(5)(iii)

Activity: **ACTIVE**

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 06/24/2003 Violation Code: 6HV3256

NO FUNCTIONAL DRAIN BOX/BACKUP Violation:

Violation Citation: Fill box drain not functional and backup system is not available.

2635(b)(1)(C)

Activity: **ACTIVE**

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 04/26/2005

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SDCTY QUALCOMM STADIUM (Continued)

U003789745

Violation Code: 6HV0201

WASTE CONTAINER NOT CLOSED Violation:

Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR

66265.173(a)

Activity: **ACTIVE**

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 04/26/2005 Violation Code: 6HV0216

HAZMATS WITHOUT PROPER LABELS Violation:

Hazardous materials have not been adequately labeled within 10 days & Violation Citation:

are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)

Activity:

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 02/08/2007 Violation Code: 6HV0234

FACILITY NOT OPERATED TO MINIM. RELEASE Violation:

Violation Citation: Did not maintain &/or operate facility to prevent release or fire. CFR

265.31

ACTIVE Activity:

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 09/03/2008 Violation Code: 6HV0135

MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT Violation:

Hazardous waste manifests/receipts for 3 years are not maintained Violation Citation:

onsite to document proper disposal of hazardous waste. CCR 66262.40(a)

& 25160.2(b)(3)

Activity: **ACTIVE**

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 06/24/2003 Violation Code: 6HV3257

2NDRY CONTAINMENT NOT LIQUID FREE Violation:

Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)

ACTIVE Activity:

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 02/08/2007 Violation Code: 6HV0228

Violation: CONTAINER NOT KEPT CLOSED

Violation Citation: Failed to keep container closed. CFR 265.173

Activity: **ACTIVE**

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 06/24/2003 Violation Code: 6HV0207

Violation: FIRE/EXPLOSION/RELEASE NOT MINIMIZED

Violation Citation: Facility not maintained &/operated to minimize possibility of fire.

explosion or release. CCR 66265.31

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SDCTY QUALCOMM STADIUM (Continued)

U003789745

Activity: **ACTIVE**

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 02/08/2007 Violation Code: 6HV4209

NO GENERATOR'S INFO ON RED BAGS/SHARPS Violation:

Red bags, sharps containers not labeled with generator's name, Violation Citation:

address, and phone number. 68.1205

Activity: **ACTIVE**

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 06/24/2003 Violation Code: 6HV0136

Violation: NO DISPOSAL RECORDS: BATTERIES

Violation Citation: Generator has not maintained onsite documentation for lead-acid

battery disposal. CCR 66266.81(a)(4)(B)

Activity: **ACTIVE**

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 06/24/2003 Violation Code: 6HV3112

2NDRY CONT TEST NOT DONE (6/36 MOS.) Violation:

Violation Citation: Secondary containment testing not conducted at 6months/36 months.

25284.1; 2637(a)

Activity: **ACTIVE**

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 06/24/2003 Violation Code: 6HV3151

Violation: ALL RELEASES NOT REPORTED/RECORDED

Violation Citation: All releases not recorded and/or reported. 25294, 25295, 2650, 2651,

2652

ACTIVE Activity:

Facility Id: 121360 Business Type: 6HK40

EPA Id Number: CAL000022738 APN: 433-250-16-00 Last HMMD Inspection: 04/21/2010 **OPEN** Permit Status: Permit Expiration: 06/30/2013

Facility Owner: CITY OF SAN DIEGO Facility Address: 9449 FRIARS RD #L48

Facility City: SAN DIEGO Facility State: CA Facility Zip: 92108-1771

UST Owner: CITY OF SAN DIEGO

Handle Regulated Hazmat: Own Or Operate UST:

Subject To APSA: Not reported

Generate Haz Waste:

Treat Haz Waste: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SDCTY QUALCOMM STADIUM (Continued)

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Generate Medical Waste: Not reported

UST:

UNDERGROUND TANK 121360 T001 **UST Name:**

Last Update: 2012-11-02 14:17:38

Permit Number: 121360 SINGLE WALL Tank Type:

Additional Id: Capacity Gallons: 550 **UST Contents:** LEADED Other Content Info: LEADED REMOVED Reg Status:

Remove Close Date: 1991-02-26 00:00:00 Year Installed: 1968-01-01 00:00:00 Pipe Type: Not reported Delivery System: Not reported

Monitor Code: 05

SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY **UST Monitor Method:**

MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 121360 T002

Last Update: 2012-11-02 14:17:38

Permit Number: 121360 Tank Type: DOUBLE WALL

Additional Id: NT1524 REGULAR UNLEADED/AT4948

Capacity Gallons: 1000

UST Contents: REGULAR UNLEADED Other Content Info: REGULAR UNLEADED

Reg Status: **REMOVED**

Remove Close Date: 2004-01-16 00:00:00 Year Installed: 1991-01-01 00:00:00 Pipe Type: DOUBLE WALL Delivery System: **PRESSURE**

Monitor Code: 20

DW TANK DW PRESSURE PIPE W/ SHUT OFF AND ALARM ON LINE LEAK **UST Monitor Method:**

DETECTOR: INTERSTITIAL.

UST Name: UNDERGROUND TANK 121360 T003

Last Update: 2012-11-02 14:17:38

Permit Number: 121360 **DOUBLE WALL** Tank Type:

Additional Id: NT1524 DIESEL/AT4948

Capacity Gallons: 1000 **UST Contents:** DIESEL Other Content Info: DIESEL Reg Status: REMOVED

Remove Close Date: 2004-01-16 00:00:00 Year Installed: 1991-01-01 00:00:00 Pipe Type: DOUBLE WALL Delivery System: **PRESSURE**

Monitor Code: 20

UST Monitor Method: DW TANK DW PRESSURE PIPE W/ SHUT OFF AND ALARM ON LINE LEAK

DETECTOR: INTERSTITIAL.

UST Name: UNDERGROUND TANK 121360 T004

Last Update: 2012-11-02 14:17:38

Permit Number: 121360 Tank Type: **DOUBLE WALL**

Direction Distance

Elevation Site Database(s) EPA ID Number

SDCTY QUALCOMM STADIUM (Continued)

U003789745

EDR ID Number

Additional Id: NT1524 DIESEL/AT4948

Capacity Gallons: 1000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED

 Remove Close Date:
 2004-01-16 00:00:00

 Year Installed:
 1991-01-01 00:00:00

 Pipe Type:
 DOUBLE WALL

 Delivery System:
 PRESSURE

Monitor Code: 20

UST Monitor Method: DW TANK DW PRESSURE PIPE W/ SHUT OFF AND ALARM ON LINE LEAK

DETECTOR: INTERSTITIAL.

Active Permits:

Facility Id: 121360 Update Date: 11/02/2012 Case Number: MIXTURE

Name: CHEMSEARCH 777
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: 68476-34-6 **DIESEL FUEL** Name: Other Information: 1 X 500 AST Material Waste: Material Hazardous Categories 1: **CHRONIC** Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: 8006-61-9 **GASOLINE** Name: 1 X 1000 AST Other Information: Material Waste: Material Hazardous Categories 1: **FIRE** Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: MIXTURE

Name: OPTI-GRO HYDRATURF

Other Information: Not reported Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 181 INORGANIC SOLID WASTE (OTHER)

Other Information: BATTERIES:UNIVERSAL WASTE

Material Waste: Waste
Hazardous Categories 1: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SDCTY QUALCOMM STADIUM (Continued)

U003789745

EDR ID Number

Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG

Other Information: AQUEOUS IMMERSION CLEANER

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 221 WASTE OIL & MIXED OIL

Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 121360
Update Date: 11/02/2012
Case Number: Not reported

Name: WASTE 352 ORGANIC SOLIDS (OTHER)

Other Information: ABSORBANT, SOIL, RAG

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: 8002-05-9

Name: OILS, LUBRICATING

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 121360
Update Date: 11/02/2012
Case Number: 74-98-6
Name: PROPANE
Other Information: Not reported
Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 121360
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 121360

Direction Distance

Elevation Site Database(s) EPA ID Number

SDCTY QUALCOMM STADIUM (Continued)

U003789745

EDR ID Number

Update Date: 11/02/2012 Case Number: 57-13-6

Name: UREA-BASED FERTILIZER

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 888 USED OIL FILTERS
Other Information: USED OIL & GAS FILTERS

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 444 USED BATTERIES

Other Information: BATTERY SYSTEMS

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012

Case Number: 74-86-2
Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: MIX

Name: ARGON/CARBON DIOXIDE MIX

Other Information: Not reported Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: ACUTE

Facility Id: 121360 Update Date: 11/02/2012 Case Number: 107-21-1

Name: ETHYLENE GLYCOL Other Information: ANTIFREEZE

Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 135 UNSPECIFIED AQUEOUS SOL'N

Direction Distance

Elevation Site Database(s) EPA ID Number

SDCTY QUALCOMM STADIUM (Continued)

U003789745

EDR ID Number

Other Information: AQUEOUS PARTS WASHER

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 461 PAINT SLUDGE Other Information: PAINT WASTE, LATEX

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: 15245-12-2

Name: AMMONIUM CALCIUM NITRATE

Other Information: CALICINIT
Material Waste: Material
Hazardous Categories 1: ACUTE
Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: mixture

Name: PAINT, WATER BASED LATEX AND FIELD PAINT

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

CHRONIC

Facility Id: 121360 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 331 OFF-SPEC,AGED,SURPLUS ORGANICS

Other Information: WASTE AEROSOLS

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 121360 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 541 PHOTOCHEM/PHOTOPROC WASTE

Other Information: USED PHOTOGRAPHIC FIXER WASTE/SAN DIEGO X-RAY

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

 Facility Id:
 121360

 Update Date:
 11/02/2012

 Inspection Date:
 06/24/2003

 Violation Code:
 6HV3255

Violation: SPILL CONTAIN. NOT DRY/IN GOOD CONDITION
Violation Citation: Spill container is not in good condition and/or liquid free.

Direction Distance

Elevation Site Database(s) EPA ID Number

SDCTY QUALCOMM STADIUM (Continued)

U003789745

EDR ID Number

2635(b)(1), 2636(a)(1)

Activity: ACTIVE

 Facility Id:
 121360

 Update Date:
 11/02/2012

 Inspection Date:
 04/26/2005

 Violation Code:
 6HV0135

Violation: MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT

Violation Citation: Hazardous waste manifests/receipts for 3 years are not maintained

onsite to document proper disposal of hazardous waste. CCR 66262.40(a)

& 25160.2(b)(3)

Activity: ACTIVE

 Facility Id:
 121360

 Update Date:
 11/02/2012

 Inspection Date:
 02/08/2007

 Violation Code:
 6HV4308

Violation: VSQG:RED BAG >30 DAYS AT >0C ROOM TEMP

Violation Citation: Storage time exceeded for red bag waste, stored greater than 30 days

at greater than 0C room temperature (for generators of <20

pounds/month). 118280(d)(1)(B)

Activity: ACTIVE

 Facility Id:
 121360

 Update Date:
 11/02/2012

 Inspection Date:
 02/08/2007

 Violation Code:
 6HV0227

Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE

Violation Citation: Failed to properly label/date hazardous waste container &/or tank.

66262.34(f)

Activity: ACTIVE

 Facility Id:
 121360

 Update Date:
 11/02/2012

 Inspection Date:
 09/03/2008

 Violation Code:
 6HV1018

Violation: INVENTORY INCOMPLETE/NOT AMENDED

Violation Citation: Inventory not amended for 100% increase of hazardous material onsite

or inventory is incomplete. 25509, 25510

Activity: ACTIVE

 Facility Id:
 121360

 Update Date:
 11/02/2012

 Inspection Date:
 04/26/2005

 Violation Code:
 6HV0202

Violation: WASTE CONTAINER W/O LABELS

Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation

date and/or are improperly labeled. CCR 66262.34(a)(2);

66262.34(a)(3) & 66262.34(f)

Activity: ACTIVE

 Facility Id:
 121360

 Update Date:
 11/02/2012

 Inspection Date:
 04/26/2005

 Violation Code:
 6HV1012

Violation: SPCC PLAN NOT PREPARED

Violation Citation: Spill Prevention Countermeasures & Control Plan not prepared as

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SDCTY QUALCOMM STADIUM (Continued)

U003789745

required. 25270.5 (c)

ACTIVE Activity: Facility Id: 121360

Update Date: 11/02/2012 Inspection Date: 02/08/2007 Violation Code: 6HV0307

Violation: ILLEGAL DISPOSAL OF UNIVERSAL WASTE

Violation Citation: Disposal of universal waste to an unauthorized point. 25189.5(a);

SQH:66273.11(a); LQH: 66273.31(a)

Activity: **ACTIVE**

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 09/03/2008 Violation Code: 6HV0407

EMPLOYEE TRAINING NOT ADEQUATE Violation:

Violation Citation: Employee training program for small quantity generator of hazardous

waste is inadequate. CFR 262.34(d)(5)(iii)

Activity: **ACTIVE**

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 06/24/2003 Violation Code: 6HV3256

NO FUNCTIONAL DRAIN BOX/BACKUP Violation:

Fill box drain not functional and backup system is not available. Violation Citation:

2635(b)(1)(C)

Activity: **ACTIVE**

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 04/26/2005 Violation Code: 6HV0201

WASTE CONTAINER NOT CLOSED Violation:

Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR

66265.173(a)

Activity: **ACTIVE**

121360 Facility Id: Update Date: 11/02/2012 Inspection Date: 04/26/2005 Violation Code: 6HV0216

HAZMATS WITHOUT PROPER LABELS Violation:

Violation Citation: Hazardous materials have not been adequately labeled within 10 days &

are now declared hazardous waste. HSC 25124(b)(3)(A) & 66262.34(f)

Activity: **ACTIVE**

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 02/08/2007 Violation Code: 6HV0234

FACILITY NOT OPERATED TO MINIM. RELEASE Violation:

Violation Citation: Did not maintain &/or operate facility to prevent release or fire. CFR

265.31

ACTIVE Activity:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SDCTY QUALCOMM STADIUM (Continued)

U003789745

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 09/03/2008 Violation Code: 6HV0135

Violation: MANIFESTS/RECEIPTS FOR 3 YEARS NOT ONSIT

Violation Citation: Hazardous waste manifests/receipts for 3 years are not maintained

onsite to document proper disposal of hazardous waste. CCR 66262.40(a)

& 25160.2(b)(3)

ACTIVE Activity:

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 06/24/2003 Violation Code: 6HV3257

2NDRY CONTAINMENT NOT LIQUID FREE Violation:

Violation Citation: Secondary containment system components not liquid free. 2631(d)(4)

Activity: **ACTIVE**

Facility Id: 121360 11/02/2012 Update Date: Inspection Date: 02/08/2007 Violation Code: 6HV0228

CONTAINER NOT KEPT CLOSED Violation:

Violation Citation: Failed to keep container closed. CFR 265.173

Activity: **ACTIVE**

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 06/24/2003 Violation Code: 6HV0207

FIRE/EXPLOSION/RELEASE NOT MINIMIZED Violation:

Violation Citation: Facility not maintained &/operated to minimize possibility of fire,

explosion or release. CCR 66265.31

Activity: **ACTIVE**

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 02/08/2007 Violation Code: 6HV4209

NO GENERATOR'S INFO ON RED BAGS/SHARPS Violation:

Violation Citation: Red bags, sharps containers not labeled with generator's name,

address, and phone number. 68.1205

Activity: **ACTIVE**

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 06/24/2003 Violation Code: 6HV0136

NO DISPOSAL RECORDS: BATTERIES Violation:

Violation Citation: Generator has not maintained onsite documentation for lead-acid

battery disposal. CCR 66266.81(a)(4)(B)

Activity: **ACTIVE**

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 06/24/2003 Violation Code: 6HV3112

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SDCTY QUALCOMM STADIUM (Continued)

U003789745

Violation: 2NDRY CONT TEST NOT DONE (6/36 MOS.)

Violation Citation: Secondary containment testing not conducted at 6months/36 months.

25284.1; 2637(a)

ACTIVE Activity:

Facility Id: 121360 Update Date: 11/02/2012 Inspection Date: 06/24/2003 Violation Code: 6HV3151

ALL RELEASES NOT REPORTED/RECORDED Violation:

All releases not recorded and/or reported. 25294, 25295, 2650, 2651, Violation Citation:

Activity: **ACTIVE**

A13 **CHMIRS** S100944161 N/A

'08-1245

Target 9449 FRIARS ROAD **Property** SAN DIEGO, CA

Site 13 of 17 in cluster A

OES Incident Number:

Actual: 49 ft.

CHMIRS:

OES notification: 02/11/2008 OES Date: Not reported OES Time: Not reported Incident Date: Not reported **Date Completed:** Not reported Property Use: Not reported Not reported Agency Id Number: 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 Not reported Company Name: Not reported Reporting Officer Name/ID: Report Date: Not reported Facility Telephone: Not reported Waterway Involved: No

Waterway: Not reported Spill Site: Refinery

Cleanup By: Contractor Containment: Not reported What Happened: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

(Continued) S100944161

Type: Not reported Measure: Gal(s)
Other: Not reported Date/Time: 1215
Year: 2008

Agency: Kinder Morgan Incident Date: 2/11/2008

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported Contained: Yes
Site Type: Not reported E Date: Not reported

Substance: Hydrocarbons Quantity Released: 50

Unknown:

Substance #2:

Substance #3:

Not reported

Not reported

Not reported

Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0

#1 Pipeline: Not reported #2 Pipeline: Not reported Not reported #3 Pipeline: #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: Drilling caused the release.

OES Incident Number: '13-2098 OES notification: 04/07/2013 OES Date: Not reported OES Time: Not reported Incident Date: Not reported **Date Completed:** Not reported Property Use: Not reported Agency Id Number: Not reported Not reported Agency Incident Number: 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 Not reported Others Number Of Fatalities: Vehicle Make/year: Not reported Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported

EDR ID Number

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

(Continued) S100944161

CA DOT PUC/ICC Number: Not reported Not reported Company Name: Reporting Officer Name/ID: Not reported Report Date: Not reported Facility Telephone: Not reported

Waterway Involved: Yes

Waterway: Storm Drain/unknown waterway

Spill Site: Road Cleanup By: Contractor Containment: Not reported What Happened: Not reported Type: Not reported Measure: Gal(s) Other: Not reported Date/Time: 1935 Year: 2013

San Diego Fire Rescue HazMat 1 Agency:

Incident Date: 4/7/2013

Admin Agency: San Diego County Health Services Department

Amount: Not reported

Contained: No

Site Type: Storm Drain/unknown waterway

E Date: Not reported Substance: **Denatured Alcohol** Quantity Released: unknown Unknown: Not reported Substance #2: Not reported

Substance #3: Not reported Evacuations: Not reported

Number of Injuries: 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:

Per the caller a tanker truck rolled over near Qualcomm Stadium. Description:

Not reported

There are three compartments each with one of the substances for a

total of 8,000 gallons. At this time it is unknown which

compartment(s) were breached and how much went into the storm drain.

The truck driver was injuered and transported to the hospital.

OES Incident Number: 05-5121 OES notification: 09/02/2005 OES Date: Not reported Not reported **OES Time:** Incident Date: Not reported Not reported **Date Completed:** Property Use: Not reported Agency Id Number: Not reported Agency Incident Number: Not reported Time Notified: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

(Continued) S100944161

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 Not reported Responding Agency Personel # Of Injuries: 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 Not reported Company Name: Reporting Officer Name/ID: Not reported Report Date: Not reported Facility Telephone: Not reported Waterway Involved: Not reported 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: 2005

Agency: San Diego Waste Water Management

Incident Date: 9/1/200512:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported Contained: Yes Residence Site Type: E Date: Not reported Substance: Sewage Gallons: 103 Unknown: 0

Substance #2: Not reported Substance #3: Not reported

0 **Evacuations:** Number of Injuries: 0 Number of Fatalities:

#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: Blockage in a private main causing sewage to spill

Direction Distance

Elevation Site Database(s) EPA ID Number

A14 CTY SD- J.M. STADIUM SWEEPS UST S103957300
Target 9449 FRIARS RD N/A

Property SAN DIEGO, CA 92108

Site 14 of 17 in cluster A

Actual: 49 ft.

SWEEPS UST:

Status: Active
Comp Number: 21360
Number: 9

Board Of Equalization: 44-021803
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank ld: 37-000-021360-000002

Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL

STG: F

Content: REG UNLEADED

Number Of Tanks: 3

Status: Active
Comp Number: 21360
Number: 9
Board Of Equalization: 44-021803
Referral Date: Not reported
Action Date: 06-26-92

Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank ld: 37-000-021360-000003

Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 21360
Number: 9

Board Of Equalization: 44-021803
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank ld: 37-000-021360-000004

Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL

STG: P
Content: LEADED
Number Of Tanks: Not reported

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

A15 SAN DIEGO RIVER WETLAND CREATION NPDES S117709898
Target 9449 FRIARS ROAD N/A

Property SAN DIEGO, CA 92108

Site 15 of 17 in cluster A

OPERATOR ZIP:

Actual: NPDES: 49 ft. Npde:

Npdes Number: Not reported Facility Status: Not reported Agency Id: Not reported

Region: Regulatory Measure Id: 287725 Order No: Not reported Construction Regulatory Measure Type: Place Id: Not reported WDID: 9 37C336179 Program Type: Not reported Adoption Date Of Regulatory Measure: Not reported Effective Date Of Regulatory Measure: Not reported Expiration Date Of Regulatory Measure: Not reported Termination Date Of Regulatory Measure: Not reported Discharge Name: Not reported Discharge Address: Not reported Not reported Discharge City: Not reported Discharge State: Discharge Zip: Not reported 05/09/2008 RECEIVED DATE: PROCESSED DATE: 08/22/2005 STATUS CODE NAME: Terminated STATUS DATE: 06/13/2006 PLACE SIZE: 14 PLACE SIZE UNIT: Acres FACILITY CONTACT NAME: Ron Agard **FACILITY CONTACT TITLE:** Not reported **FACILITY CONTACT PHONE:** 619-843-5638 FACILITY CONTACT PHONE EXT: Not reported **FACILITY CONTACT EMAIL:** Not reported **OPERATOR NAME:** San Diego City **OPERATOR ADDRESS:** 9192 Topaz Way **OPERATOR CITY:** San Diego **OPERATOR STATE:** California

OPERATOR CONTACT NAME: Richard Grunow **OPERATOR CONTACT TITLE:** Not reported **OPERATOR CONTACT PHONE:** 858-614-5722 OPERATOR CONTACT PHONE EXT: Not reported Not reported **OPERATOR CONTACT EMAIL: OPERATOR TYPE:** City/Town Agency **DEVELOPER NAME:** Arrieta Construction Inc **DEVELOPER ADDRESS:** 1215 N Marshall Ave

92123

DEVELOPER CITY: El Cajon **DEVELOPER STATE:** California **DEVELOPER ZIP:** 92020 **DEVELOPER CONTACT NAME:** Ron Agard Not reported **DEVELOPER CONTACT TITLE:** CONSTYPE LINEAR UTILITY IND: Not reported **EMERGENCY PHONE NO:** 619-843-5638 EMERGENCY PHONE EXT: Not reported CONSTYPE ABOVE GROUND IND: Not reported

EDR ID Number

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

SAN DIEGO RIVER WETLAND CREATION (Continued)

S117709898

SLIC

S108224233

N/A

CONSTYPE BELOW GROUND IND: Not reported CONSTYPE CABLE LINE IND: Not reported CONSTYPE COMM LINE IND: Not reported Not reported CONSTYPE COMMERTIAL IND: CONSTYPE ELECTRICAL LINE IND: Not reported CONSTYPE GAS LINE IND: Not reported CONSTYPE INDUSTRIAL IND: Not reported CONSTYPE OTHER DESRIPTION: Not reported

CONSTYPE OTHER IND:

CONSTYPE RECONS IND: Not reported CONSTYPE RESIDENTIAL IND: Not reported CONSTYPE TRANSPORT IND: Not reported CONSTYPE UTILITY DESCRIPTION: Not reported CONSTYPE UTILITY IND: Not reported CONSTYPE WATER SEWER IND: Not reported Not reported DIR DISCHARGE USWATER IND: RECEIVING WATER NAME: San Diego River **CERTIFIER NAME:** Richard Grunow **CERTIFIER TITLE:** Senior Planner **CERTIFICATION DATE:** 18-AUG-05 PRIMARY SIC: Not reported SECONDARY SIC: Not reported TERTIARY SIC: Not reported

A16 QUALCOMM STADIUM PARKING LOT NORTHEAST

9449 FRIARS ROAD

Property SAN DIEGO, CA 92108

Site 16 of 17 in cluster A

SLIC: Actual:

Target

Region: STATE 49 ft

> **Facility Status:** Completed - Case Closed

Status Date: 02/11/2014 Global Id: T10000004719

SAN DIEGO COUNTY LOP Lead Agency: Lead Agency Case Number: DEH2013-LSAM-000173 Latitude: 32.7857772620997 Longitude: -117.116467952728 Case Type: Cleanup Program Site

Case Worker:

Local Agency: SAN DIEGO COUNTY LOP

RB Case Number: Not reported File Location: Not reported

Potential Media Affected: Other Groundwater (uses other than drinking water), Soil

Potential Contaminants of Concern: Alcohols, Gasoline

Site History: On April 25, 2013, DEH received an application for the Voluntary

> Assistance Program for oversight of investigation of an ethanol spill in the parking lot of Qualcomm Stadium. On April 7, 2013, a tanker containing approximately 8,000 gallons of ethanol with trace (1-5%) gasoline overturned at the intersection of San Diego Mission Road and Mission Village Drive. The spilled ethanol flowed into two areas of the Qualcomm Stadium parking lot, northeast along San Diego Mission Road across from Murphy Canyon Road (area B), and southwest along

Mission Village Drive (area A). Approximately 2,000 gallons of ethanol was pumped out of the tanker and approximately 2,500 gallons of ethanol was recovered from puddles in the Qualcomm Stadium parking

lot. The remaining approximately 3,500 gallons of ethanol either

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

QUALCOMM STADIUM PARKING LOT NORTHEAST (Continued)

S108224233

evaporated, penetrated the surface of the parking lot, and/or entered the storm drain system in area A. On April 10, 2013, two soil samples were collected at 0.5 feet below ground surface (bgs) from each spill area. Ethanol was detected in all four soil samples at a maximum concentration of 7,800 milligrams per kilogram in area A. Additional soil sampling was completed adjacent to the previous soil sampling locations in each area on September 24, 2013. Ethanol was not detected in the area B samples, collected at 0.5 and 1 foot bgs. Ethanol was detected in one of the soil samples from area A, at 63 mg/kg at 0.5 feet bgs and at 36 mg/kg at 1 foot bgs. Ethanol was not detected in this location at 5 feet bgs. The consultant used this data to calculate the half-life of ethanol at the site, which ranged from 13 to 24 days. The consultant concludes that the shallow ethanol impacts to soil at the site are degrading rapidly. On September 24, 2013, soil sampling was also completed adjacent to observed or suspected breaches in the affected portions of the storm drain and in five storm drain catch basins. A total of 18 samples, collected at depths of 4 and 8 feet bgs, were analyzed, and ethanol was not detected in any of the samples. The consultant concludes that there is no evidence of ethanol releases to the subsurface via the storm drain. The ethanol spill occurred in the vicinity of a petroleum release from Kinder Morgan, the Mission Valley Terminal case, which is overseen by the Regional Water Quality Control Board. There are numerous groundwater monitoring wells associated with this case that are installed in the Qualcomm Stadium parking lot. The results of groundwater monitoring indicated that ethanol was detected in one well, R-44AM, at a concentration of 79 micrograms per liter (ug/l) on May 7, 2013. The flow of spilled ethanol passed within approximately 50 feet of well R-44AM. Ethanol was not detected in this well when it was sampled on August 5, 2013. The consultant concludes that ethanol impacted a localized area of shallow groundwater in the vicinity of the spill, and that aerobic and/or anaerobic degradation processes are mitigating groundwater impacts via natural attenuation. Based upon the soil and groundwater sampling data, the consultant recommends no further action to delineate or remediate subsurface impacts associated with the ethanol spill. DEH concurs with the consultants conclusions and recommendations.

Click here to access the California GeoTracker records for this facility:

A17 FELD MOTOR SPORTS
Target 9449 FRIARS RD
Property SAN DIEGO, CA 92108

HAZNET S113772525 N/A

Site 17 of 17 in cluster A

Actual: 49 ft.

HAZNET:

envid: \$113772525 Year: 2013

GEPAID: CAC002684685
Contact: BRYAN RICHISON
Telephone: 6305666100
Mailing Name: Not reported

Mailing Address: 10 S 290 HANSLIK CT Mailing City,St,Zip: NAPERVILLE, IL 60564

Gen County: San Diego
TSD EPA ID: CAT000613893
TSD County: Los Angeles

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

FELD MOTOR SPORTS (Continued)

Waste Category: Not reported

Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery Disposal Method:

(H010-H129) Or (H131-H135)

Tons: 0.225 Facility County: Not reported

S113772525 envid: Year: 2012

GEPAID: CAC002684685 Contact: **BRYAN RICHISON** 6305666100 Telephone: Mailing Name: Not reported

10 S 290 HANSLIK CT Mailing Address: Mailing City, St, Zip: NAPERVILLE, IL 60564

Gen County: San Diego TSD EPA ID: TXD077603371

TSD County: 99

Waste Category: Not reported

Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site

Tons: 0.1 Facility County: San Diego

DOD **MIRAMAR NAVAL AIR STATION** DOD CUSA145460 N/A

S113772525

Region **MIRAMAR NAVAL AIR STATION (County), CA**

NNE 1/2-1 5153 ft.

DOD:

Navy DOD Feature 1: Feature 2: Not reported Feature 3: Not reported URL: Not reported

Miramar Naval Air Station Name 1:

Name 2: Not reported Name 3: Not reported State: CA DOD Site: Yes

CASAN_DIEGO Tile name:

HANGERS CLEANERS S104890840 B18 **DRYCLEANERS** N/A

West 2169 FENTON PKWY STE 104 **SAN DIEGO, CA 92108** < 1/8

0.021 mi.

Site 1 of 2 in cluster B 109 ft.

DRYCLEANERS: Relative:

EPA Id: CAL000222166 Higher NAICS Code:

Actual: Drycleaning and Laundry Services (except Coin-Operated) NAICS Description:

68 ft. SIC Code:

SIC Description: Power Laundries, Family and Commercial

Create Date: 06/07/2001 Facility Active: No 06/30/2008 Inactive Date: Not reported Facility Addr2:

Direction Distance

Elevation Site Database(s) **EPA ID Number**

HANGERS CLEANERS (Continued)

S104890840

EDR ID Number

Owner Name: FAIRLANE CLENERS INC 2169 FENTON PKWY STE 104 Owner Address:

Owner Address 2: Not reported Owner Telephone: 6195638200

Contact Name: ALEXANDER SHAW-PRESIDENT Contact Address: 2169 FENTON PKWY STE 104

Contact Address 2: Not reported Contact Telephone: 6195638200 Mailing Name: Not reported

Mailing Address 1: 2169 FENTON PKWY STE 104

Mailing Address 2: Not reported Mailing City: SAN DIEGO Mailing State: CA Mailing Zip: 921084735 Owner Fax: Not reported Region Code: Not reported

B19 **EDR US Hist Cleaners** 1015019222 West N/A

2169 FENTON PKWY < 1/8 SAN DIEGO, CA 92108 0.039 mi.

205 ft. Site 2 of 2 in cluster B

EDR Historical Cleaners: Relative: Name:

HANGERS CLEANERS Higher

Year: 2003

Actual: Address: 2169 FENTON PKWY 76 ft.

HANGERS CLEANERS Name:

> Year: 2005

> > Address: 2169 FENTON PKWY

HANGERS CLEANERS Name:

Year: 2006

2169 FENTON PKWY Address:

Name: HANGERS CLEANERS

Year: 2007

2169 FENTON PKWY Address:

Name: HANGERS CLEANERS

Year:

2169 FENTON PKWY Address:

HANGERS CLEANERS Name:

Year: 2010

2169 FENTON PKWY Address:

Name: HANGERS CLEANERS

Year: 2011

Address: 2169 FENTON PKWY

HANGERS CLEANERS Name:

Year: 2012

Address: 2169 FENTON PKWY

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

20 **EDR US Hist Auto Stat** 1015439424

N/A

3444 CAMINO DEL RIO N SSW 1/8-1/4 SAN DIEGO, CA 92108

0.137 mi. 725 ft.

EDR Historical Auto Stations: Relative:

RUBENS PAINT & BODY WORKS I Higher Name:

Year: 2008

Actual: Address: 3444 CAMINO DEL RIO N

64 ft.

Name: **RUBENS PAINT & BODY WORKS I** 2009 Year:

3444 CAMINO DEL RIO N Address:

EDR US Hist Auto Stat 1015351028 N/A

C21 WNW 2365 NORTHSIDE DR

1/8-1/4 SAN DIEGO, CA 92108

0.158 mi.

Site 1 of 2 in cluster C 834 ft.

EDR Historical Auto Stations: Relative:

Name: AAA AUTOMOBILE CLUB OF SOUTHERN CA Higher

Year:

Actual: 2365 NORTHSIDE DR Address:

65 ft.

Name: AAA AUTOMOBILE CLUB OF SOUTHERN CA

Year:

Address: 2365 NORTHSIDE DR

AAA AUTOMOBILE CLUB OF SOUTHERN CA Name:

Year: 2009

Address: 2365 NORTHSIDE DR

AAA AUTO CLUB Name:

Year: 2010

2365 NORTHSIDE DR Address:

C22 THERMAL TREATMENT FACILITY LDS S104156588 WNW 2365 NORTHSIDE DR, BOX 10 WMUDS/SWAT N/A

1/8-1/4 SAN DIEGO, CA 92108

0.158 mi.

834 ft. Site 2 of 2 in cluster C

LDS: Relative:

Higher

Global Id: L10001749414 Actual: Latitude: 32.78310 65 ft. Longitude: -117.1265

> Case Type: Land Disposal Site Status: Completed - Case Closed

Status Date: 03/17/2005

Lead Agency: SAN DIEGO RWQCB (REGION 9)

Caseworker: Not reported Local Agency: Not reported RB Case Number: 9 000000615 LOC Case Number: Not reported File Location: Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number**

THERMAL TREATMENT FACILITY (Continued)

S104156588

EDR ID Number

Potential Media Affect: Not reported L10001749414 EDR Link ID: Potential Contaminants of Concern: Not reported Not reported Site History:

Click here to access the California GeoTracker records for this facility:

WMUDS/SWAT:

Edit Date: Not reported Complexity: Not reported Primary Waste: **CNSOIL**

Designated/Influent or Solid Wastes that pose a significant threat to Primary Waste Type:

water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Secondary Waste: Not reported Secondary Waste Type: Not reported Base Meridian: Not reported NPID: Not reported

Tonnage:

Regional Board ID: Not reported Municipal Solid Waste: False Superorder: False Open To Public: False Waste List: False Agency Type: Private

Agency Name: SHEWEY ENVIRONMENTAL MGMT

Agency Department: Not reported 9301 FRIARS RD Agency Address:

Agency City, St, Zip: SAN DIEGO CA 92108

Agency Contact: **CHARLIE SHEWEY** Agency Telephone: 6195845440 Land Owner Name: Not reported Land Owner Address: Not reported Land Owner City, St, Zip: Not reported Land Owner Contact: Not reported Land Owner Phone: Not reported

Region:

Solid Waste Site-Class II - A solid waste facility at which designated Facility Type:

wastes may be treated or stored.

Facility Description: Not reported Facility Telephone: Not reported SWAT Facility Name: Not reported Primary SIC: 9511 Secondary SIC: Not reported

Comments: Not reported Last Facility Editors: Not reported

Waste Discharge System: True

Solid Waste Assessment Test Program: False Toxic Pits Cleanup Act Program: False Resource Conservation Recovery Act: False Department of Defence: False Solid Waste Assessment Test Program: Not reported Threat to Water Quality: Not reported Sub Chapter 15: True

Regional Board Project Officer: **KDN**

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

THERMAL TREATMENT FACILITY (Continued)

Number of WMUDS at Facility:

Not reported Section Range:

RCRA Facility: No Waste Discharge Requirements: Н

Quarterly Submittal Self-Monitoring Rept. Frequency: 9 000000615 Waste Discharge System ID: Solid Waste Information ID: Not reported

23 **EDR US Hist Auto Stat** 1015445581 N/A

SE 3545 CAMINO DEL RIO S 1/8-1/4 **SAN DIEGO, CA 92108**

0.189 mi. 996 ft.

EDR Historical Auto Stations: Relative:

Name: A & S COLLISION REPAIR INC Higher

Year:

Actual: Address: 3545 CAMINO DEL RIO S

94 ft.

D24 EDR US Hist Auto Stat 1015438976

SSE 3435 CAMINO DEL RIO S N/A

1/8-1/4 SAN DIEGO, CA 92108

0.195 mi.

1029 ft. Site 1 of 2 in cluster D

EDR Historical Auto Stations: Relative:

RENEE GOODRICH MFCC Higher Name:

2001 Year:

Actual: Address: 3435 CAMINO DEL RIO S

94 ft.

Name: LIKE NU AUTO BODY

2006 Year:

3435 CAMINO DEL RIO S Address:

D25 1015046889 **EDR US Hist Cleaners**

SSE 3435 CAMINO DEL RIO S 1/8-1/4 **SAN DIEGO, CA 92108**

0.195 mi.

1029 ft. Site 2 of 2 in cluster D

EDR Historical Cleaners: Relative:

Name: PRO CLEANING SVC LLC Higher

Year: 2010

Actual: Address: 3435 CAMINO DEL RIO S

94 ft.

Name: PRO CLEANING SERVICES

Year: 2011

Address: 3435 CAMINO DEL RIO S

PRO CLEANING SERVICES Name:

Year: 2012

Address: 3435 CAMINO DEL RIO S N/A

S104156588

Direction Distance

Elevation Site **EPA ID Number** Database(s)

E26 **COSTCO WHOLESALE #488** RCRA-LQG 1004676770 WNW 2345 FENTON PKWY FINDS CAR000089284

1/8-1/4 0.202 mi.

1065 ft. Site 1 of 2 in cluster E

RCRA-LQG: Relative:

Date form received by agency: 07/11/2014 Higher

SAN DIEGO, CA 92108

Contact:

Facility name: COSTCO WHOLESALE #488 Actual: Site name: COSTCO WHOLESALE NO 488 68 ft.

2345 FENTON PKWY Facility address:

SAN DIEGO, CA 92108 CAR000089284

EPA ID: 3207 GREY HAWK CT Mailing address:

STE 200

CARLSBAD, CA 92010 **ELIZABETH CAMPOS**

3207 GREY HAWK CT STE 200 Contact address:

CARLSBAD, CA 92010

Contact country: US

Contact telephone: 760-602-8709

ECAMPOS@3ECOMPANY.COM Contact email:

EPA Region: 09

Classification: Large Quantity Generator

Handler: generates 1,000 kg or more of hazardous waste during any Description:

calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than

100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: COSTCO WHOLESALE CORP

Owner/operator address: 999 LAKE DR

ISSAQUAH, 98027

Owner/operator country: US

Owner/operator telephone: 425-313-8100 Legal status: Private

Owner/Operator Type: Owner Owner/Op start date: 06/29/2000 Owner/Op end date: Not reported

COSTCO WHOLESALE CORP Owner/operator name:

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: 06/29/2000 Owner/Op end date: Not reported **EDR ID Number**

Map ID Direction Distance Elevation

Site EDR ID Number Database(s) EPA ID Number

COSTCO WHOLESALE #488 (Continued)

1004676770

Handler Activities Summary: U.S. importer of hazardous waste: Mixed waste (haz. and radioactive): Recycler of hazardous waste: Transporter of hazardous waste: Treater, storer or disposer of HW: Underground injection activity: On-site burner exemption: Furnace exemption: Used oil fuel burner: Used oil processor: User oil refiner: Used oil fuel marketer to burner: Used oil Specification marketer: Used oil transfer facility: Used oil transporter:		
. Waste code: . Waste name:	122 122	
. Waste code: . Waste name:	131 131	
. Waste code: . Waste name:	133 133	
. Waste code: . Waste name:	134 134	
. Waste code: . Waste name:	135 135	
. Waste code: . Waste name:	141 141	
. Waste code: . Waste name:	151 151	
. Waste code: . Waste name:	172 172	
. Waste code: . Waste name:	181 181	
. Waste code: . Waste name:	211 211	
. Waste code: . Waste name:	212 212	
. Waste code: . Waste name:	213 213	
. Waste code: . Waste name:	214 214	

221

. Waste code:

Map ID Direction Distance Elevation

Site EDR ID Number Database(s) EPA ID Number

COSTCO WHOLESALE #488 (Continued)

1004676770

. Waste name:	221
. Waste code: . Waste name:	223 223
. Waste code: . Waste name:	232 232
. Waste code: . Waste name:	271 271
. Waste code: . Waste name:	272 272
. Waste code: . Waste name:	281 281
. Waste code: . Waste name:	291 291
. Waste code: . Waste name:	311 311
. Waste code: . Waste name:	331 331
. Waste code: . Waste name:	343 343
. Waste code: . Waste name:	352 352
. Waste code: . Waste name:	541 541
. Waste code: . Waste name:	561 561
. Waste code: . Waste name:	611 611
. Waste code: . Waste name:	791 791
. Waste code: . Waste name:	D001 IGNITABLE WASTE
. Waste code: . Waste name:	D002 CORROSIVE WASTE
. Waste code: . Waste name:	D003 REACTIVE WASTE
. Waste code: . Waste name:	D006 CADMIUM

D007

. Waste code:

Distance Elevation

Site EDR ID Number

Database(s) EPA ID Number

COSTCO WHOLESALE #488 (Continued)

1004676770

. Waste name: CHROMIUM

. Waste code: D008 . Waste name: LEAD

Waste code: D009
Waste name: MERCURY

. Waste code: D010 SELENIUM

Waste code: D011
Waste name: SILVER

Waste code: D018
Waste name: BENZENE

Waste code: D024
Waste name: M-CRESOL

. Waste code: D026 . Waste name: CRESOL

Waste code: D035

. Waste name: METHYL ETHYL KETONE

. Waste code: F003

. Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT

MIXTURES.

. Waste code: P001

. Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS,

WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, &

SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste code: P075

Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, &

SALTS

Waste code: U034

. Waste name: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

Historical Generators:

Date form received by agency: 03/01/2014

Site name: COSTCO WHOLESALE #488 Classification: Large Quantity Generator

Waste code: 122 Waste name: 122 Map ID Direction MAP FINDINGS

Distance Elevation

EDR ID Number Database(s) Site **EPA ID Number**

COSTCO WHOLESALE #488 (Continued)

1004676770

	Waste code:	131
	Waste name:	131
	Waste code:	122
	Waste name:	133 133
٠	Waste code: Waste name:	134 134
•	waste name.	104
	Waste code:	135
•	Waste name:	135
	Waste code:	141
	Waste name:	141
	Waste code:	151
	Waste name:	151
	Waste code:	172
	Waste name:	172
	Waste code:	181
	Waste name:	181
	Wests sada.	011
	Waste code: Waste name:	211 211
	Waste code: Waste name:	212 212
•	vada name.	212
	Waste code:	213
•	Waste name:	213
	Waste code:	214
•	Waste name:	214
	Waste code:	221
	Waste name:	221
	Waste code:	223
	Waste name:	223
	Waste code:	232
	Waste name:	232
	Waste code:	271
	Waste name:	271
	Wests sods:	272
	Waste code: Waste name:	272 272
	Waste code: Waste name:	281 281
•	Tradic Hame.	201
	Waste code:	291
•	Waste name:	291

Direction Distance Elevation

Site Database(s) EPA ID Number

COSTCO WHOLESALE #488 (Continued)

1004676770

EDR ID Number

. Waste code: 311 . Waste name: 311

. Waste code: 331 . Waste name: 331

Waste code: 343 Waste name: 343

Waste code: 352 Waste name: 352

Waste code: 561 Waste name: 561

Waste code: 611
Waste name: 611
Waste code: 791

. Waste code: D001

Waste name:

. Waste name: IGNITABLE WASTE

791

. Waste code: D002

. Waste name: CORROSIVE WASTE

. Waste code: D007

. Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

. Waste code: D009
. Waste name: MERCURY

. Waste code: D010
. Waste name: SELENIUM

Waste code: D011
Waste name: SILVER

Waste code: D018
Waste name: BENZENE

Waste code: D024

Waste name: M-CRESOL

. Waste code: D026 . Waste name: CRESOL

Waste code: D028

. Waste name: 1,2-DICHLOROETHANE

. Waste code: D029

. Waste name: 1,1-DICHLOROETHYLENE

Map ID MAP FINDINGS Direction

Distance Elevation Site

EDR ID Number EPA ID Number Database(s)

COSTCO WHOLESALE #488 (Continued)

1004676770

Waste code: D035

METHYL ETHYL KETONE Waste name:

Waste code:

Waste name: **TETRACHLOROETHYLENE**

Waste code: D040

Waste name: TRICHLORETHYLENE

Waste code: D043

VINYL CHLORIDE Waste name:

Waste code: F002

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE,

METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE,

CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE,

ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1.1.2.

TRICHLOROETHANE: ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND

SPENT SOLVENT MIXTURES.

Waste code: F003

Waste name: THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL

ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL

ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NONHALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS, AND A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT

MIXTURES.

Waste code: F005

THE FOLLOWING SPENT NONHALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL Waste name:

KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE,

2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NONHALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF

THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

P001 Waste code:

2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, Waste name:

WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3% (OR) WARFARIN, &

SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste code: P075

Waste name: NICOTINE, & SALTS (OR) PYRIDINE, 3-(1-METHYL-2-PYRROLIDINYL)-,(S)-, &

SALTS

Waste code: U019

Waste name: BENZENE (I,T)

U034 Waste code:

Direction Distance

Elevation Site Database(s) EPA ID Number

COSTCO WHOLESALE #488 (Continued)

1004676770

EDR ID Number

. Waste name: ACETALDEHYDE, TRICHLORO- (OR) CHLORAL

. Waste code: U037

. Waste name: BENZENE, CHLORO- (OR) CHLOROBENZENE

. Waste code: U228

. Waste name: ETHENE, TRICHLORO- (OR) TRICHLOROETHYLENE

Date form received by agency: 07/09/2002

Site name: COSTCO WHOLESALE NO 488 Classification: Small Quantity Generator

Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D011
. Waste name: SILVER
. Waste code: D018
. Waste name: BENZENE

Violation Status: No violations found

FINDS:

Registry ID: 110057046897

Environmental Interest/Information System

STATE MASTER

HAZARDOUS WASTE BIENNIAL REPORTER

COSTCO WHOLESALE NO 488 RCRA NonGen / NLR 1001959782

1/8-1/4 0.202 mi. 1065 ft.

E27

WNW

SAN DIEGO, CA 92108 Site 2 of 2 in cluster E

2345 N MISSION CITY PKWY

Relative: RCRA NonGen / NLR:

Higher Date form received by agency: 06/18/2001

Facility name: COSTCO WHOLESALE NO 488

Actual: Facility address: 2345 N MISSION CITY PKWY

68 ft. SAN DIEGO, CA 92108

EPA ID: CAR000064188
Mailing address: 999 LAKE DR

LICENSING
ISSAQUAH, WA 98027
Contact: LISA SIMPSON

Contact address: 999 LAKE DR LICENSING ISSAQUAH, WA 98027

Contact country: US

Contact telephone: (425) 313-6275 Contact email: Not reported

EPA Region: 09

Classification: Non-Generator

Description: Handler: Non-Generators do not presently generate hazardous waste

FINDS

CAR000064188

Elevation Site

Distance

Site Database(s) EPA ID Number

COSTCO WHOLESALE NO 488 (Continued)

1001959782

EDR ID Number

Owner/Operator Summary:

Owner/operator name: COSTCO WHOLESALE CORP

Owner/operator address: 999 LAKE DR

ISSAQUAH, WA 98027

Owner/operator country: Not reported
Owner/operator telephone: (425) 313-8100

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

. Waste code: D011 . Waste name: SILVER

Violation Status: No violations found

FINDS:

Registry ID: 110002931864

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

28 CALIFORNIA HIGHWAY PATROL HIST UST U001573121
ESE 3703 CAMINO DEL RIO S N/A

ESE 3703 CAMINO DEL RIO S 1/8-1/4 SAN DIEGO, CA 92120

0.216 mi. 1138 ft.

Relative: HIST UST:

 Higher
 Region:
 STATE

 Facility ID:
 00000035433

Actual: Facility Type: Other

101 ft. Other Type: CHP

Contact Name: Not reported

Telephone: 9163225310

Owner Name: CALIFORNIA HIGHWAY PATROL

Owner Address: P.O. BOX 898

Owner City, St, Zip: SACRAMENTO, CA 95804

Total Tanks: 0001

Tank Num: 001 601-1 Container Num: Year Installed: Not reported 00000000 Tank Capacity: Tank Used for: WASTE Type of Fuel: Not reported Container Construction Thickness: Not reported Leak Detection: None

29 EDR US Hist Auto Stat 1015432803

SSW 3333 CAMINO DEL RIO S

1/8-1/4 SAN DIEGO, CA 92108

0.222 mi. 1173 ft.

Relative: EDR Historical Auto Stations:

Higher Name: DONS AUTOMOTIVE INC

Year: 2002

Actual: Address: 3333 CAMINO DEL RIO S 97 ft.

30 CENTERSIDE ONE SWEEPS UST \$106924148 SW 3111 CAMINO DEL RIO N 603 N/A

1/8-1/4 SAN DIEGO, CA 92108

0.223 mi. 1180 ft.

Relative: SWEEPS UST:

Higher Status: Active Comp Number: 29774

Actual: Number: 9 58 ft. Board Of Equalization: 44-023806

Referral Date: Not reported Action Date: 06-26-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank Id: 37-000-029774-000001

Tank Status: A Capacity: 575

Active Date: Not reported Tank Use: M.V. FUEL

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CENTERSIDE ONE (Continued) S106924148

STG: **OTHER** Content: Number Of Tanks: 1

EDR US Hist Cleaners 1015078290 31

ENE 5942 RANCHO MISSION RD N/A

1/8-1/4 SAN DIEGO, CA 92108

0.237 mi. 1253 ft.

EDR Historical Cleaners: Relative:

Higher IMMACULATE CLEANING SERVICE Name:

Year:

Actual: Address: 5942 RANCHO MISSION RD

74 ft.

TEXACO USA (TERMINAL) U003789155 F32 UST

9966 SAN DIEGO MISSION RD **SWEEPS UST** NE N/A

1/4-1/2 SAN DIEGO, CA 92108 San Diego Co. HMMD 0.288 mi. SAN DIEGO CO. SAM

1522 ft. Site 1 of 6 in cluster F

UST: Relative:

Facility ID: H04507 Higher

Permitting Agency: SAN DIEGO COUNTY

Actual: Latitude: 32.788556 72 ft. Longitude: -117.114489

SWEEPS UST:

Status: Active Comp Number: 4507 9 Number:

Board Of Equalization: 44-000217 Referral Date: Not reported 06-26-92 Action Date: Created Date: 02-29-88 Not reported Owner Tank Id:

SWRCB Tank Id: 37-000-004507-000004

Tank Status: Capacity: 8000 Active Date: Not reported Tank Use: M.V. FUEL

STG:

REG UNLEADED Content:

Number Of Tanks:

Not reported Status: Comp Number: 4507 Number: Not reported 44-000217 Board Of Equalization: Not reported Referral Date: Action Date: Not reported Not reported Created Date: Owner Tank Id: Not reported

SWRCB Tank Id: 37-000-004507-000001

Tank Status: Not reported Capacity: 8000

Direction Distance

Elevation Site Database(s) EPA ID Number

TEXACO USA (TERMINAL) (Continued)

U003789155

EDR ID Number

Active Date: Not reported Tank Use: CHEMICAL STG: PRODUCT Content: Not reported

Number Of Tanks: 4

Status: Not reported 4507 Comp Number: Number: Not reported Board Of Equalization: 44-000217 Referral Date: Not reported Not reported Action Date: Not reported Created Date: Owner Tank Id: Not reported

SWRCB Tank ld: 37-000-004507-000002

Tank Status: Not reported Capacity: 1000

Active Date: Not reported
Tank Use: PETROLEUM
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported Comp Number: 4507 Number: Not reported 44-000217 Board Of Equalization: Referral Date: Not reported Action Date: Not reported Created Date: Not reported Not reported Owner Tank Id:

SWRCB Tank Id: 37-000-004507-000003

Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: UNKNOWN
STG: PRODUCT
Content: Not reported
Number Of Tanks: Not reported

Status: Not reported Comp Number: 4507

Number: 4507
Number: Not reported
Board Of Equalization: 44-000217
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported

SWRCB Tank ld: 37-000-004507-000005

Tank Status: Not reported
Capacity: 10000
Active Date: Not reported
Tank Use: CHEMICAL
STG: WASTE
Content: Not reported
Number Of Tanks: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

TEXACO USA (TERMINAL) (Continued)

U003789155

EDR ID Number

SAN DIEGO CO. HMMD:

Facility Id: 104507 Business Type: 6HK78

 EPA Id Number:
 CAD000626127

 APN:
 433-240-15-00

 Last HMMD Inspection:
 10/23/2009

 Permit Status:
 INAC

 Permit Expiration:
 02/28/2011

Facility Owner: EQUILON ENTERPRISES
Facility Address: 9966 SAN DIEGO MISSION RD

Facility City: SAN DIEGO
Facility State: CA
Facility Zip: 92108-

UST Owner: EQUILON ENTERPRISES

Handle Regulated Hazmat: Y
Own Or Operate UST: Y

Subject To APSA: Not reported

Generate Haz Waste:

Treat Haz Waste: Not reported Generate Medical Waste: Not reported

UST:

UST Name: UNDERGROUND TANK 104507 T001

Last Update: 2012-11-02 14:17:38

Permit Number: 104507
Tank Type: SINGLE WALL

Additional Id: 1
Capacity Gallons: 8000
UST Contents: Not reported

Other Content Info: SEE FILE FOR CONTENTS

Reg Status: REMOVED

Remove Close Date: 1991-12-20 00:00:00
Year Installed: 1974-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 104507 T002

Last Update: 2012-11-02 14:17:38

Permit Number: 104507
Tank Type: SINGLE WALL
Additional Id: 63002
Capacity Gallons: 1000

UST Contents:
Other Content Info:
Reg Status:
Not reported
WASTE OIL
REMOVED

Remove Close Date: 1986-11-08 00:00:00
Year Installed: 1963-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 104507 T003

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TEXACO USA (TERMINAL) (Continued)

U003789155

Last Update: 2012-11-02 14:17:38

Permit Number: 104507 Tank Type: SINGLE WALL

Additional Id: 63001 Capacity Gallons: 1000 **UST Contents:** Not reported

Other Content Info: SEE FILE FOR CONTENTS

Reg Status: REMOVED

Remove Close Date: 1986-11-08 00:00:00 Year Installed: 1963-01-01 00:00:00 Pipe Type: Not reported Delivery System: Not reported

Monitor Code:

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 104507 T004

2012-11-02 14:17:38 Last Update:

Permit Number: 104507 SINGLE WALL Tank Type: Additional Id: 63003

Capacity Gallons: 1200

UST Contents: REGULAR UNLEADED Other Content Info: REGULAR UNLEADED

Reg Status: **REMOVED**

Remove Close Date: 1986-11-08 00:00:00 1974-01-01 00:00:00 Year Installed: Pipe Type: Not reported **PRESSURE** Delivery System:

Monitor Code: 05

UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY

MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UNDERGROUND TANK 104507 T005 **UST Name:**

2012-11-02 14:17:38 Last Update:

Permit Number: 104507 Tank Type: SINGLE WALL Additional Id: 63004 Capacity Gallons: 10000 **UST Contents:** Not reported

SEE FILE FOR CONTENTS Other Content Info:

Reg Status: REMOVED

Remove Close Date: 1991-12-20 00:00:00 Year Installed: 1982-01-01 00:00:00 Pipe Type: Not reported Delivery System: **PRESSURE**

Monitor Code: 05

SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY **UST Monitor Method:**

MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UNDERGROUND TANK 104507 T006 **UST Name:**

Last Update: 2012-11-02 14:17:38

104507 Permit Number: UNKNOWN Tank Type: Additional Id: NT1799 Capacity Gallons: 12000 **UST Contents:** Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TEXACO USA (TERMINAL) (Continued)

U003789155

Other Content Info: SEE FILE FOR CONTENTS

Reg Status: **REMOVED** Remove Close Date: 1994-10-25 00:00:00 Year Installed: Not reported

Pipe Type: Not reported Delivery System: Not reported

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 104507 T007

Last Update: 2012-11-02 14:17:38

Permit Number: 104507 Tank Type: UNKNOWN Additional Id: NT1799 Capacity Gallons: 12000 **UST Contents:** Not reported

SEE FILE FOR CONTENTS Other Content Info:

Reg Status: **REMOVED**

Remove Close Date: 1994-10-25 00:00:00

Year Installed: Not reported Pipe Type: Not reported Delivery System: Not reported

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 104507 T008

Last Update: 2012-11-02 14:17:38

Permit Number: 104507 Tank Type: **DOUBLE WALL**

Additional Id: NT1799 / OIL BEARING MATERIAL / RT3688

Capacity Gallons: 10000 **UST Contents:** OTHER

GASOLINE ADDITIVE & WATER Other Content Info:

Reg Status: **ACTIVE** Remove Close Date: Not reported Year Installed: 1994-01-01 00:00:00 Pipe Type: **DOUBLE WALL GRAVITY** Delivery System:

Monitor Code: 21

UST Monitor Method: DW TANK DW SUCTION AND/ OR GRAVITY PIPING WITH INTERSTITIAL

MONITORS: INTERSTITIAL

Violations Inactive Permits:

Facility Id: 104507 Update Date: 11/02/2012 Inspection Date: 04/10/2006 Violation Code: 6HV0227

HAZWASTE TANK/CONTAINER W/O LABEL/DATE Violation:

Violation Citation: Failed to properly label/date hazardous waste container &/or tank.

66262.34(f)

Inactive Permit Activity:

Facility Id: 104507 Update Date: 11/02/2012 Inspection Date: 04/10/2006

Direction Distance

Elevation Site Database(s) EPA ID Number

TEXACO USA (TERMINAL) (Continued)

U003789155

EDR ID Number

Violation Code: 6HV1603

Violation: NO 2ND CONTAINMENT FOR HW TANK

Violation Citation: Failed to provide proper secondary containment and/or leak detection

for Hazardous waste tank system. 66265.193(a)

Activity: Inactive Permit

 Facility Id:
 104507

 Update Date:
 11/02/2012

 Inspection Date:
 04/10/2006

 Violation Code:
 6HV3254

Violation: UST SYSTEM W/O APPROVED OVERFILL PROTECT

Violation Citation: UST system does not have an approved overfill protection system.

2635(b)(2)

Activity: Inactive Permit

Facility Id: 104507 Business Type: 6HK78

 EPA Id Number:
 CAD000626127

 APN:
 433-240-15-00

 Last HMMD Inspection:
 10/23/2009

 Permit Status:
 INAC

 Permit Expiration:
 02/28/2011

Facility Owner: EQUILON ENTERPRISES
Facility Address: 9966 SAN DIEGO MISSION RD

Facility City: SAN DIEGO Facility State: CA

Facility Zip: 92108-

UST Owner: EQUILON ENTERPRISES

Handle Regulated Hazmat: Y
Own Or Operate UST: Y
Subject To APSA: Y
Generate Haz Waste: Y

Treat Haz Waste: Not reported Generate Medical Waste: Not reported

UST:

UST Name: UNDERGROUND TANK 104507 T001

Last Update: 2012-11-02 14:17:38

Permit Number: 104507 Tank Type: SINGLE WALL

Additional Id: 1
Capacity Gallons: 8000
UST Contents: Not reported

Other Content Info: SEE FILE FOR CONTENTS

Reg Status: REMOVED

Remove Close Date: 1991-12-20 00:00:00
Year Installed: 1974-01-01 00:00:00
Pipe Type: Not reported

Delivery System: Not reported Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 104507 T002

Last Update: 2012-11-02 14:17:38

Permit Number: 104507
Tank Type: SINGLE WALL

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TEXACO USA (TERMINAL) (Continued)

U003789155

Additional Id: 63002 Capacity Gallons: 1000 **UST Contents:** Not reported Other Content Info: WASTE OIL Reg Status: REMOVED

Remove Close Date: 1986-11-08 00:00:00 Year Installed: 1963-01-01 00:00:00 Pipe Type: Not reported Delivery System: Not reported

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 104507 T003

Last Update: 2012-11-02 14:17:38

Permit Number: 104507 Tank Type: SINGLE WALL Additional Id: 63001

Capacity Gallons: 1000 Not reported **UST Contents:**

SEE FILE FOR CONTENTS Other Content Info:

Reg Status: REMOVED

Remove Close Date: 1986-11-08 00:00:00 Year Installed: 1963-01-01 00:00:00 Pipe Type: Not reported Delivery System: Not reported

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 104507 T004

Last Update: 2012-11-02 14:17:38

Permit Number: 104507 Tank Type: SINGLE WALL Additional Id: 63003

Capacity Gallons: 1200

UST Contents: **REGULAR UNLEADED** Other Content Info: **REGULAR UNLEADED**

Reg Status: **REMOVED**

Remove Close Date: 1986-11-08 00:00:00 Year Installed: 1974-01-01 00:00:00

Pipe Type: Not reported PRESSURE Delivery System:

Monitor Code: 05

SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY **UST Monitor Method:**

MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UNDERGROUND TANK 104507 T005 **UST Name:**

Last Update: 2012-11-02 14:17:38

Permit Number: 104507 SINGLE WALL Tank Type: Additional Id: 63004 Capacity Gallons: 10000 **UST Contents:** Not reported

SEE FILE FOR CONTENTS Other Content Info:

Rea Status: REMOVED

Remove Close Date: 1991-12-20 00:00:00

Direction Distance

Elevation Site Database(s) EPA ID Number

TEXACO USA (TERMINAL) (Continued)

U003789155

EDR ID Number

Year Installed: 1982-01-01 00:00:00
Pipe Type: Not reported
Delivery System: PRESSURE

Monitor Code: 05

UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY

MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 104507 T006

Last Update: 2012-11-02 14:17:38

Permit Number: 104507
Tank Type: UNKNOWN
Additional Id: NT1799
Capacity Gallons: 12000
UST Contents: Not reported

Other Content Info: SEE FILE FOR CONTENTS

Reg Status: REMOVED
Remove Close Date: 1994-10-25 00:00:00
Year Installed: Not reported
Pipe Type: Not reported
Delivery System: Not reported

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 104507 T007

Last Update: 2012-11-02 14:17:38

Permit Number: 104507
Tank Type: UNKNOWN
Additional Id: NT1799
Capacity Gallons: 12000
UST Contents: Not reported

Other Content Info: SEE FILE FOR CONTENTS

Reg Status: REMOVED

Remove Close Date: 1994-10-25 00:00:00

Year Installed: Not reported Pipe Type: Not reported Delivery System: Not reported

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 104507 T008

Last Update: 2012-11-02 14:17:38

Permit Number: 104507

Tank Type: DOUBLE WALL

Additional Id: NT1799 / OIL BEARING MATERIAL / RT3688

Capacity Gallons: 10000 UST Contents: OTHER

Other Content Info: GASOLINE ADDITIVE & WATER

Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1994-01-01 00:00:00
Pipe Type: DOUBLE WALL
Delivery System: GRAVITY
Monitor Code: 21

UST Monitor Method: DW TANK DW SUCTION AND/ OR GRAVITY PIPING WITH INTERSTITIAL

MONITORS: INTERSTITIAL

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

TEXACO USA (TERMINAL) (Continued)

U003789155

Violations Inactive Permits:

Facility Id: 104507 Update Date: 11/02/2012 Inspection Date: 04/10/2006 Violation Code: 6HV0227

HAZWASTE TANK/CONTAINER W/O LABEL/DATE Violation:

Violation Citation: Failed to properly label/date hazardous waste container &/or tank.

66262.34(f)

Activity: Inactive Permit

Facility Id: 104507 Update Date: 11/02/2012 Inspection Date: 04/10/2006 Violation Code: 6HV1603

NO 2ND CONTAINMENT FOR HW TANK Violation:

Violation Citation: Failed to provide proper secondary containment and/or leak detection

for Hazardous waste tank system. 66265.193(a)

Inactive Permit Activity:

104507 Facility Id: Update Date: 11/02/2012 Inspection Date: 04/10/2006 Violation Code: 6HV3254

UST SYSTEM W/O APPROVED OVERFILL PROTECT Violation:

Violation Citation: UST system does not have an approved overfill protection system.

2635(b)(2)

Inactive Permit Activity:

SAN DIEGO CO. SAM:

Case Number: H04507-002

Agency: **DEH Site Assessment & Mitigation**

Funding: Non Billable Facility Type: Soils Only Facility Status: Closed Case 4/26/2001 Date: Date Began: 4/26/2001

Case Number: H04507-001

Agency: CA Regional Water Quality Control Board

Funding: LOP - State Fund

Facility Type: **Drinking Water Aquifer Impacted**

Facility Status: Remedial Investigation

1/1/1990 Date: Date Began: 7/1/1986

F33 **EQUILON SAN DIEGO TERMINAL** RCRA-SQG 1000144770 9966 SAN DIEGO MISSION ROAD CAD000626127 NE **FINDS**

1/4-1/2 SAN DIEGO, CA 92108

LUST SLIC 0.288 mi. **HIST UST** 1522 ft. Site 2 of 6 in cluster F

RCRA-SQG: Relative:

Date form received by agency: 07/20/2010 Higher

SHELL OIL PRODUCTS US SAN DIEGO TERMINAL Facility name:

Actual: Facility address: 9966 SAN DIEGO MISSION RD

72 ft. SAN DIEGO, CA 92108

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

EQUILON SAN DIEGO TERMINAL (Continued)

1000144770

EPA ID: CAD000626127 Mailing address: PO BOX 2648

HOUSTON, TX 77252 2648

RAY WALDING Contact: Contact address: PO BOX 2648

HOUSTON, TX 77252 2648

Contact country: US

Contact telephone: 713-241-7008

Contact email: RAY.WALDING@SHELL.COM

EPA Region: 09 Private Land type:

Small Small Quantity Generator Classification:

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:

EQUILON ENTERPRISES LLC Owner/operator name:

Owner/operator address: Not reported

Not reported

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Operator 07/01/1998 Owner/Op start date: Owner/Op end date: Not reported

EQUILON ENTERPRISES LLC Owner/operator name:

Owner/operator address: PO BOX 2648

HOUSTON, TX 77252

Owner/operator country: US

Owner/operator telephone: Not reported Legal status: Private Owner/Operator Type: Owner Owner/Op start date: 07/01/1998 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 Used oil Specification marketer: No Used oil transfer facility: No Used oil transporter: No

Direction Distance Elevation

stance EDR ID Number evation Site Database(s) EPA ID Number

EQUILON SAN DIEGO TERMINAL (Continued)

1000144770

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D007

. Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D018
Waste name: BENZENE

Historical Generators:

Date form received by agency: 03/19/2010

Site name: SHELL OIL PRODUCTS US SAN DIEGO TERMINAL

Classification: Not a generator, verified

Date form received by agency: 11/17/2009

Site name: SHELL OIL PRODUCTS US SAN DIEGO TERMINAL

Classification: Small Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D007
. Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D018
Waste name: BENZENE

Date form received by agency: 02/18/2008

Site name: SHELL OIL PRODUCTS US - SAN DIEGO TERMINAL

Classification: Large Quantity Generator

Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D007
. Waste name: CHROMIUM

Waste code: D008
Waste name: LEAD

Waste code: D018
Waste name: BENZENE

Date form received by agency: 01/30/2007

Site name: SHELL OIL PRODUCTS US SAN DIEGO TERMIN

Classification: Small Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D009

Direction Distance Elevation

tance EDR ID Number vation Site Database(s) EPA ID Number

EQUILON SAN DIEGO TERMINAL (Continued)

. Waste name:

MERCURY

. Waste code: D018
. Waste name: BENZENE

Date form received by agency: 02/16/2006

Site name: SHELL OIL PRODUCTS US - SAN DIEGO TERMIN

Classification: Large Quantity Generator

Waste code: 133
Waste name: 133
Waste code: 725
Waste name: 725

Waste code: D001

Waste name: IGNITABLE WASTE

Waste code: D009
Waste name: MERCURY

. Waste code: D018
. Waste name: BENZENE

Date form received by agency: 02/19/2004

Site name: SHELL OIL PRODUCTS US-SAN DIEGO TERMINAL

Classification: Large Quantity Generator

. Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D008 . Waste name: LEAD

. Waste code: D010 . Waste name: SELENIUM

. Waste code: D018
. Waste name: BENZENE

Date form received by agency: 02/27/2002

Site name: EQUILON ENTERPRISES LLC (SAN DIEGO TER)

Classification: Large Quantity Generator

Date form received by agency: 03/04/1999

Site name: TEXACO SAN DIEGO SALES TERMINAL

Classification: Large Quantity Generator

Date form received by agency: 07/30/1998

Site name: EQUILON SAN DIEGO SALES TERMINAL

Classification: Large Quantity Generator

Waste code: D001

. Waste name: IGNITABLE WASTE

. Waste code: D008 . Waste name: LEAD 1000144770

Map ID MAP FINDINGS
Direction

Distance

Elevation Site Database(s) EPA ID Number

EQUILON SAN DIEGO TERMINAL (Continued)

1000144770

EDR ID Number

. Waste code: D018
. Waste name: BENZENE

Date form received by agency: 09/01/1996

Site name: EQUILON SAN DIEGO SALES TERMINAL

Classification: Large Quantity Generator

Date form received by agency: 02/29/1996

Site name: TEXACO REFINING AND MARKETING, INC.

Classification: Large Quantity Generator

Date form received by agency: 04/11/1994

Site name: TEXACO REFINING AND MARKETING, INC

Classification: Large Quantity Generator

Date form received by agency: 02/28/1992

Site name: TEXACO REFINING AND MARKETING, INC. SAN

Classification: Large Quantity Generator

Facility Has Received Notices of Violations:

Regulation violated: Not reported

Area of violation: Generators - General

Date violation determined: 04/10/2006
Date achieved compliance: Not reported
Violation lead agency: State

Enforcement action: WRITTEN INFORMAL

Enforcement action date: 04/10/2006
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Proposed penalty amount: Not reported Final penalty amount: Not reported Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 04/10/2006

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Generators - General

Date achieved compliance: Not reported Evaluation lead agency: Local

Evaluation date: 04/09/2004

Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Area of violation: Not reported Date achieved compliance: Not reported

Evaluation lead agency: State Contractor/Grantee

FINDS:

Registry ID: 110000478778

Environmental Interest/Information System

FRP

US EPA TRIS (Toxics Release Inventory System) contains information from facilities on the amounts of over 300 listed toxic chemicals that these facilities release directly to air, water, land, or that are

Direction Distance Elevation

vation Site Database(s) EPA ID Number

EQUILON SAN DIEGO TERMINAL (Continued)

1000144770

EDR ID Number

transported off-site.

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

HAZARDOUS WASTE BIENNIAL REPORTER

CRITERIA AND HAZARDOUS AIR POLLUTANT INVENTORY

LUST REG 9:

Region:

Local Agency:

Status: Post remedial action monitoring

Case Number: 9UT542 Local Case: H04507-001 Substance: Gasoline Qty Leaked: Not reported

Abate Method: Pump and Treat Ground Water - generally employed to remove dissolved

contaminants San Diego

How Found: Tank Closure How Stopped: New Tank Source: Tank Cause: Corrosion Lead Agency: Local Agency Aquifer affected Case Type: Date Found: 07/01/1986 Date Stopped: 07/01/1986 Confirm Date: 07/01/1986 Submit Workplan: Not reported 04/06/1987 Prelim Assess: Desc Pollution: Not reported Remed Plan: 12/05/1988 Remed Action: 1/1/90 Began Monitor: 7/10/95 Release Date: 07/01/1986 Enforce Date: 7/2/86 Closed Date: Not reported Enforce Type: SEL

Pilot Program: LOP
Basin Number: 907.11
GW Depth: Not reported

Beneficial Use: Municipal groundwater use

NPDES Number: Not reported

Priority: 2A

File Dispn: Not reported

Interim Remedial Actions: Yes

Cleanup and Abatement order Number: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

EQUILON SAN DIEGO TERMINAL (Continued)

1000144770

EDR ID Number

Waste Discharge Requirement Number: Not reported

SLIC:

Region: STATE

Facility Status: Completed - Case Closed

 Status Date:
 04/26/2001

 Global Id:
 T0608182474

Lead Agency: SAN DIEGO COUNTY LOP

Lead Agency Case Number: H04507-002 Latitude: 32.787193 Longitude: -117.115924

Case Type: Cleanup Program Site

Case Worker:
Local Agency:
RB Case Number:
File Location:
Potential Media Affected:
Potential Contaminants of Concern:
Site History:
Not reported
Not reported
Not reported
Not reported
Not reported

Click here to access the California GeoTracker records for this facility:

HIST UST:

Region: STATE
Facility ID: 00000033190
Facility Type: Other
Other Type: TERMINAL
Contact Name: J.H. ELLIOTT
Telephone: 6192836191
Owner Name: TEXACO USA

Owner Address: P.O. BOX 3756 - 3550 WILSHIRE Owner City,St,Zip: LOS ANGELES, CA 90010

Total Tanks: 0005

 Tank Num:
 001

 Container Num:
 1

 Year Installed:
 1974

 Tank Capacity:
 00008000

 Tank Used for:
 PRODUCT

 Type of Fuel:
 Not reported

Container Construction Thickness: 3/16

Leak Detection: Stock Inventor, None

 Tank Num:
 002

 Container Num:
 63002

 Year Installed:
 1963

 Tank Capacity:
 00001000

 Tank Used for:
 WASTE

 Type of Fuel:
 WASTE OIL

Container Construction Thickness: 10

Leak Detection: Stock Inventor, Pressure Test

 Tank Num:
 003

 Container Num:
 63001

 Year Installed:
 1963

 Tank Capacity:
 00001000

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

EQUILON SAN DIEGO TERMINAL (Continued)

1000144770

S106061820

N/A

San Diego Co. HMMD

SAN DIEGO CO. SAM

Tank Used for: PRODUCT Not reported Type of Fuel:

Container Construction Thickness: 10

Leak Detection: Stock Inventor, Pressure Test

004 Tank Num: Container Num: 63003 Year Installed: 1963 Tank Capacity: 00002000 Tank Used for: **PRODUCT** UNLEADED Type of Fuel:

Container Construction Thickness: 3/16

Leak Detection: Stock Inventor, Pressure Test

Tank Num: 005 Container Num: 63004 Year Installed: 1968 Tank Capacity: 00004000 Tank Used for: WASTE Type of Fuel: Not reported Container Construction Thickness: Not reported Stock Inventor, None Leak Detection:

MISSION VALLEY TERMINAL AT0404 F34 NE 9950 SAN DIEGO MISSION RD

1/4-1/2 SAN DIEGO, CA 92108

0.293 mi.

1546 ft. Site 3 of 6 in cluster F

SAN DIEGO CO. HMMD: Relative:

Facility Id: Higher 121132 Business Type: Not reported Actual: EPA Id Number: Not reported

74 ft. APN: 433-240-27-00 Last HMMD Inspection: Not reported Permit Status: INAC Permit Expiration: Not reported Facility Owner: **EXXON**

Facility Address: 9950 SAN DIEGO MISSION RD

Facility City: SAN DIEGO

Facility State: CA

92108-1721 Facility Zip: **UST Owner: EXXON** Handle Regulated Hazmat: Not reported Own Or Operate UST: Not reported Subject To APSA: Not reported Generate Haz Waste: Not reported Treat Haz Waste: Not reported Generate Medical Waste: Not reported

UST:

UST Name: UNDERGROUND TANK 121132 T001

Last Update: 2012-11-02 14:17:38

Permit Number: 121132 SINGLE WALL Tank Type:

Additional Id: 001 Capacity Gallons: 15000 **UST Contents:** Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY TERMINAL AT0404 (Continued)

S106061820

S103994117

N/A

HIST CORTESE

AST

Other Content Info: SEE FILE FOR CONTENTS

Reg Status: **REMOVED** Remove Close Date: 1987-01-12 00:00:00 Year Installed: Not reported Pipe Type: Not reported Delivery System: Not reported

Monitor Code: 90

NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING **UST Monitor Method:**

ALTERNATIVE DURING INSPECTION.

SAN DIEGO CO. SAM:

H21132-001 Case Number:

CA Regional Water Quality Control Board Agency:

Funding: Non Billable

Facility Type: **Drinking Water Aquifer Impacted**

Facility Status: Preliminary Assessment

Date: 5/23/1994 Date Began: 5/23/1994

F35 SFPP, LP/KINDER MORGAN ΝE 9950 SAN DIEGO MISSION RD 1/4-1/2

SAN DIEGO, CA 92108

CHMIRS San Diego Co. HMMD Site 4 of 6 in cluster F **EMI**

1546 ft. Relative:

Actual:

74 ft.

0.293 mi.

HIST CORTESE: Region: Higher

CORTESE Facility County Code: 37 Reg By: WBC&D Reg Id: 9 000054N91

CORTESE Region: Facility County Code: 37 Reg By: WBC&D Reg Id: 9 000055N91

Region: CORTESE Facility County Code: 37 Reg By: WBC&D Reg Id: 9 000056N91

CORTESE Region: Facility County Code: 37 Reg By: WBC&D 9 000057N91 Reg Id:

AST:

Certified Unified Program Agencies: San Diego

SFPP, LP/KINDER MORGAN Owner:

Total Gallons: 27479044

CHMIRS:

OES Incident Number: 06-1820 03/28/2006 OES notification: OES Date: Not reported

Direction Distance Elevation

evation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

OES Time: Not reported Not reported Incident Date: **Date Completed:** Not reported Property Use: Not reported Agency Id Number: Not reported Agency Incident Number: Not reported Not reported Time Notified: 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 Not reported Others Number Of Injuries: 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 Not reported CA DOT PUC/ICC Number: Company Name: Not reported Not reported Reporting Officer Name/ID: Not reported Report Date: Facility Telephone: Not reported Waterway Involved: Not reported Waterway: Not reported Spill Site: Not reported Cleanup By: Responsible Party Containment: Not reported What Happened: Not reported Type: Not reported Not reported Measure: Other: Not reported Date/Time: Not reported Year: 2006

Agency: Kinder Morgan

Incident Date: 3/28/2006 12:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Amount:

Contained:

Yes

Site Type:

Pipe Line

E Date:

Not reported

Not reported

Gasoline

Gasllons:

2

Unknown:

O

Not reported

2

Unknown:

O

O

Substance #2: Not reported Substance #3: Not reported

Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0

#1 Pipeline:

#2 Pipeline:

#3 Pipeline:

#3 Pipeline:

#1 Vessel >= 300 Tons:

Not reported

Not reported

Not reported

Map ID MAP FINDINGS
Direction

Distance Elevation

on Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

#2 Vessel >= 300 Tons:

#3 Vessel >= 300 Tons:

Not reported
Evacs:

Injuries:

Not reported

Description: Substance was released from a vacuum hose truck, due to the hose

falling from the truck. Spill covered an area 5 Ft X 4 Ft.

OES Incident Number: 07-0514 OES notification: 01/23/2007 OES Date: Not reported **OES Time:** Not reported Incident Date: Not reported **Date Completed:** Not reported Property Use: Not reported Not reported Agency Id Number: Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Surrounding Area: Not reported Not reported **Estimated Temperature: 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 Not reported Vehicle Make/year: Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA DOT PUC/ICC Number: Not reported Not reported Company Name: Reporting Officer Name/ID: Not reported Report Date: Not reported Facility Telephone: Not reported Waterway Involved: Not reported Waterway: Not reported Spill Site: Not reported Cleanup By: Contractor Containment: Not reported What Happened: Not reported Type: Not reported

Year: 2007 Agency: Kinder Morgan

Measure:

Date/Time:

Other:

Incident Date: 1/23/2007 12:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Not reported

Not reported

Not reported

Amount: Not reported Contained: Unknown Site Type: Other E Date: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SFPP, LP/KINDER MORGAN (Continued)

S103994117

Substance: Oil 500 Gallons: Unknown: 0

Substance #2: Not reported Substance #3: Not reported

Evacuations: 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: Unknown leak in a water remediation system which is contained on site

OES Incident Number: 05-5310 OES notification: 09/13/2005 OES Date: Not reported **OES Time:** Not reported Incident Date: 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 Not reported Others Number Of Fatalities: 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: Not reported Spill Site: Not reported Cleanup By: Reporting Party Containment: Not reported What Happened: Not reported Not reported

Type:

MAP FINDINGS Map ID Direction

Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SFPP, LP/KINDER MORGAN (Continued)

S103994117

Measure: Not reported Other: Not reported Date/Time: Not reported 2005 Year:

Agency: Kinder Morgan 9/13/200512:00:00 AM Incident Date:

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported Contained: Yes Site Type: Other E Date: Not reported Substance: Diesel Gallons: Unknown: 0

Substance #2: Not reported Substance #3: Not reported

Evacuations: 0 Number of Injuries: 0 Number of Fatalities:

#1 Pipeline: Not reported #2 Pipeline: Not reported #3 Pipeline: Not reported Not reported #1 Vessel >= 300 Tons: #2 Vessel >= 300 Tons: Not reported #3 Vessel >= 300 Tons: Not reported Not reported Evacs: Injuries: Not reported Fatals: Not reported Comments: Not reported

Substance was released from a product hose while draining. Description:

OES Incident Number: 07-7642 OES notification: 12/11/2007 OES Date: Not reported OES Time: Not reported Incident Date: Not reported Not reported **Date Completed:** Property Use: Not reported Agency Id Number: Not reported Agency Incident Number: Not reported Not reported Time Notified: 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 Not reported Vehicle Make/year: Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA DOT PUC/ICC Number: Not reported

Direction Distance Elevation

ion Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Company Name: Not reported Reporting Officer Name/ID: Not reported Report Date: Not reported Facility Telephone: Not reported Waterway Involved: Not reported Waterway: Not reported Spill Site: Not reported Cleanup By: Responsible Party Containment: Not reported What Happened: Not reported Type: Not reported Not reported Measure: Not reported Other: Date/Time: Not reported Year: 2007

Agency: Kinder Morgan

Incident Date: 12/11/2007 12:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported
Contained: Yes
Site Type: Other
E Date: Not reported
Substance: Ground Water

Gallons: 30 Unknown: 0

Substance #2: Not reported Substance #3: Not reported

Evacuations: 0
Number of Injuries: 0
Number of Fatalities: 0

#1 Pipeline: Not reported #2 Pipeline: Not reported #3 Pipeline: Not reported #1 Vessel >= 300 Tons: Not reported #2 Vessel >= 300 Tons: Not reported #3 Vessel >= 300 Tons: Not reported Evacs: Not reported Injuries: Not reported Fatals: Not reported Comments: Not reported

Description: A vault drum overfilled and released in the vault. Substance was

totally contained within the vault.

OES Incident Number: 06-7108 **OES** notification: 12/01/2006 OES Date: Not reported OES Time: Not reported Incident Date: Not reported **Date Completed:** Not reported Property Use: Not reported Not reported Agency Id Number: 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

Direction Distance

Elevation Site Database(s) **EPA ID Number**

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

More Than Two Substances Involved?: Not reported Not reported Resp Agncy Personel # Of Decontaminated: 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 Not reported Others Number Of Fatalities: 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: Not reported Spill Site: Not reported Cleanup By: Reporting Party Containment: Not reported What Happened: Not reported Not reported Type: Measure: Not reported Not reported Other: Date/Time: Not reported Year: 2006

Agency: Kinder Morgan

12/1/2006 12:00:00 AM Incident Date:

San Diego County Health Services Dept. Admin Agency:

Amount: Not reported Contained: Yes Site Type: Other E Date: Not reported Substance: Diesel 0.000000 Gallons: Unknown:

Substance #2: Not reported Substance #3: Not reported

Evacuations: 0 Number of Injuries: 0 Number of Fatalities:

#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: Substance was released due to a pump leaking. Substance covered an

area 10 ft X 20 Ft.

OES Incident Number: 05-6616 OES notification: 11/15/2005 Map ID MAP FINDINGS
Direction

Distance Elevation

Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

OES Date: Not reported **OES Time:** Not reported Incident Date: Not reported Not reported **Date Completed:** Property Use: Not reported Not reported Agency Id Number: Not reported Agency Incident Number: Not reported Time Notified: 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 Not reported Vehicle Id Number: CA DOT PUC/ICC Number: Not reported Not reported Company Name: Reporting Officer Name/ID: Not reported Report Date: Not reported Facility Telephone: Not reported Waterway Involved: Not reported Waterway: Not reported Spill Site: Not reported Cleanup By: Unknown Containment: Not reported What Happened: Not reported Type: Not reported Measure: Not reported Other: Not reported Date/Time: Not reported Year: 2005

Agency: Kinder Morgan

Incident Date: 11/15/200512:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported
Contained: Yes
Site Type: Other
E Date: Not reported
Substance: Threatened Release

 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
Not reported

Direction Distance Elevation

on Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

#1 Vessel >= 300 Tons:

#2 Vessel >= 300 Tons:

Not reported
#3 Vessel >= 300 Tons:

Not reported
Evacs:

Not reported
Injuries:

Not reported
Fatals:

Not reported
Not reported
Not reported
Not reported
Not reported
Not reported

Description: Per caller during testing several hits where received off probes. Per

caller they are digging around probes to see if any hydro carbons

have been released.

05-5846 **OES Incident Number:** 10/10/2005 OES notification: OES Date: Not reported **OES Time:** Not reported Incident Date: Not reported **Date Completed:** Not reported Property Use: Not reported Agency Id Number: Not reported Agency Incident Number: Not reported Time Notified: Not reported Not reported Time Completed: Not reported Surrounding Area: **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 Not reported Vehicle State: Not reported Vehicle Id Number: CA DOT PUC/ICC Number: Not reported Company Name: Not reported Reporting Officer Name/ID: Not reported Report Date: Not reported Not reported Facility Telephone: Waterway Involved: Not reported Waterway: Not reported Spill Site: Not reported Reporting Party Cleanup By: Containment: Not reported What Happened: Not reported Type: Not reported Measure: Not reported Other: Not reported Date/Time: Not reported Year: 2005

Agency: Kinder Morgan

Incident Date: 10/10/200512:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported

Contained: Yes

MAP FINDINGS Map ID Direction

Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SFPP, LP/KINDER MORGAN (Continued)

S103994117

Site Type: Industrial Plant E Date: Not reported Substance: Ethanol Gallons: 0.000000 Unknown:

Substance #2: Not reported Substance #3: Not reported

Evacuations: Number of Injuries: 0 Number of Fatalities:

#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 Not reported Evacs: Injuries: Not reported Fatals: Not reported Comments: Not reported

Description: Per caller, a leaking truck caused the release. causing a 1 foot by 1

foot stain.

OES Incident Number: 06-6500 OES notification: 11/02/2006 OES Date: Not reported **OES Time:** Not reported Incident Date: 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 Not reported Responding Agency Personel # Of Injuries: Not reported Responding Agency Personel # Of Fatalities: Others Number Of Decontaminated: Not reported Others Number Of Injuries: Not reported Others Number Of Fatalities: Not reported Not reported Vehicle Make/year: Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA DOT PUC/ICC Number: Not reported Not reported Company Name: Reporting Officer Name/ID: Not reported Report Date: Not reported Facility Telephone: Not reported Waterway Involved: Not reported Waterway: Not reported Spill Site: Not reported Cleanup By: Reporting Party

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SFPP, LP/KINDER MORGAN (Continued)

S103994117

Containment: Not reported What Happened: Not reported Not reported Type: Measure: Not reported Other: Not reported Date/Time: Not reported 2006 Year:

Agency: Kinder Morgan 11/2/2006 12:00:00 AM Incident Date:

Admin Agency: San Diego County Health Services Dept.

Not reported Amount: Contained: Yes Site Type: Other E Date: Not reported

Substance: Water contaminated with Diesel

Gallons: Unknown:

Substance #2: Not reported Substance #3: Not reported

Evacuations: Number of Injuries: 0 Number of Fatalities: 0 #1 Pipeline:

OES Incident Number:

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: Per caller, a 3ft by 3ft area of water contaminated with Diesel,

occurred when off loading a driver, the hose came out of the sump

hole.

06-2476

OES notification: 04/25/2006 **OES Date:** Not reported **OES Time:** Not reported Not reported Incident Date: Not reported **Date Completed:** 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 Not reported Property Management: 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

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Vehicle Make/year: Not reported Not reported Vehicle License Number: Vehicle State: Not reported Vehicle Id Number: Not reported CA DOT PUC/ICC Number: Not reported Not reported Company Name: Reporting Officer Name/ID: Not reported Report Date: Not reported Facility Telephone: Not reported Waterway Involved: Not reported Waterway: Not reported Spill Site: Not reported Cleanup By: Contractor Containment: Not reported What Happened: Not reported Type: Not reported Measure: Not reported Other: Not reported Date/Time: Not reported Year: 2006 Kinder Morgan Agency:

Incident Date: 4/25/2006 12:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported Contained: Yes Site Type: Other E Date: Not reported Substance: Gasoline 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: Pressure had built in a hose causing it to disconnect and a release

to occur.

OES Incident Number: 06-0999 OES notification: 02/16/2006 OES Date: Not reported **OES Time:** Not reported Incident Date: Not reported **Date Completed:** Not reported Property Use: Not reported Agency Id Number: Not reported Agency Incident Number: Not reported

Direction Distance Elevation

ration Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Time Notified: Not reported Not reported Time Completed: Surrounding Area: Not reported Estimated Temperature: Not reported **Property Management:** Not reported More Than Two Substances Involved?: Not reported Not reported Resp Agncy Personel # Of Decontaminated: 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: Not reported Waterway: Not reported Spill Site: Not reported Cleanup By: Responsible Party Containment: Not reported What Happened: Not reported Type: Not reported Measure: Not reported Other: Not reported Date/Time: Not reported Year: 2006

Agency: Kinder Morgan

Incident Date: 2/16/2006 12:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported
Contained: Yes
Site Type: Pipe Line
E Date: Not reported
Substance: Carbon Filter Water

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

Map ID MAP FINDINGS
Direction

Distance Elevation

tion Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Description: Substance released due to maintenance from a petroleum pipeline.

Substance sprayed over an area 100 Ft X 15 Ft.

OES Incident Number: 05-6394 OES notification: 11/06/2005 OES Date: Not reported OES Time: Not reported Incident Date: 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 Not reported Others Number Of Decontaminated: Others Number Of Injuries: Not reported Others Number Of Fatalities: Not reported Vehicle Make/year: Not reported Not reported Vehicle License Number: Vehicle State: Not reported Vehicle Id Number: Not reported CA DOT PUC/ICC Number: Not reported Not reported Company Name: Reporting Officer Name/ID: Not reported Report Date: Not reported Facility Telephone: Not reported Waterway Involved: Not reported Not reported Waterway: Spill Site: Not reported Cleanup By: Reporting Party Containment: Not reported What Happened: Not reported Type: Not reported Not reported Measure: Other: Not reported Date/Time: Not reported Year: 2005

Agency: Kinder Morgan

Incident Date: 11/6/200512:00:00 AM

Admin Agency: San Diego County Health Services Dept.

Amount: Not reported Contained: Yes Site Type: Other E Date: Not reported Substance: Gasoline Gallons: 0.000000 Unknown: 0

Substance #2: Not reported Substance #3: Not reported

Evacuations: 0

Direction Distance Elevation

vation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

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 Not reported #2 Vessel >= 300 Tons: #3 Vessel >= 300 Tons: Not reported Evacs: Not reported Injuries: Not reported Fatals: Not reported Not reported Comments:

Description: Per caller, a 16 inch stain was discovered on the ground.

OES Incident Number: 05-6040 10/19/2005 OES notification: OES Date: Not reported OES Time: Not reported Incident Date: Not reported **Date Completed:** Not reported Property Use: Not reported Not reported Agency Id Number: Not reported Agency Incident Number: Time Notified: Not reported Time Completed: Not reported Not reported Surrounding Area: **Estimated Temperature:** Not reported **Property Management:** Not reported More Than Two Substances Involved?: Not reported Not reported Resp Agncy Personel # Of Decontaminated: 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 Not reported Vehicle Make/year: Vehicle License Number: Not reported Vehicle State: Not reported Vehicle Id Number: Not reported CA DOT PUC/ICC Number: Not reported Not reported Company Name: Reporting Officer Name/ID: Not reported Report Date: Not reported Not reported Facility Telephone: Waterway Involved: Not reported Waterway: Not reported Spill Site: Not reported Cleanup By: Responsible Party Containment: Not reported What Happened: Not reported Not reported Type: Measure: Not reported Other: Not reported Date/Time: Not reported Year: 2005

Agency: Kinder Morgan Energy Incident Date: 10/19/200512:00:00 AM

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SFPP, LP/KINDER MORGAN (Continued)

S103994117

Admin Agency: San Diego County Health Services Dept.

Not reported Amount: Contained: Yes Site Type: Pipe Line E Date: Not reported Substance: Water 0.000000 Gallons: Unknown:

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: Substance was being pumped back into remediation when a plug failed.

Pumps where stopped and Plug was replaced.

SAN DIEGO CO. HMMD:

Facility Id: 100804 Business Type: 6HK19

EPA Id Number: CAD080912587 APN: 433-240-27-00 Last HMMD Inspection: 10/17/2011 Permit Status: **OPEN** Permit Expiration: 02/28/2013

Facility Owner: SFPP, LP/KINDER MORGAN Facility Address: 1100 S TOWN & COUNTRY RD

Facility City: **ORANGE** Facility State: CA 92868-Facility Zip: SFPP, LP UST Owner: Handle Regulated Hazmat:

Own Or Operate UST: Not reported

Subject To APSA: Generate Haz Waste: Υ Treat Haz Waste: Υ

Generate Medical Waste: Not reported

UST:

UST Name: UNDERGROUND TANK 104507 T008

Last Update: 2012-11-02 14:17:38

Permit Number: 100804 Tank Type: DOUBLE WALL

Additional Id: NT1799 / OIL BEARING MATERIAL / RT3688

Capacity Gallons: 10000 **UST Contents:** OTHER

Other Content Info: **GASOLINE ADDITIVE & WATER**

Reg Status: **ACTIVE**

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SFPP, LP/KINDER MORGAN (Continued)

Monitor Code:

S103994117

Remove Close Date: Not reported 1994-01-01 00:00:00 Year Installed: Pipe Type: DOUBLE WALL Delivery System: **GRAVITY**

UST Monitor Method: DW TANK DW SUCTION AND/ OR GRAVITY PIPING WITH INTERSTITIAL

MONITORS: INTERSTITIAL

UST Name: UNDERGROUND TANK 100804 T001

Last Update: 2012-11-02 14:17:38

100804 Permit Number: SINGLE WALL Tank Type:

SUMP D109 (UST "D1") AT5487 Additional Id:

21

Capacity Gallons: **UST Contents: OTHER**

MOTOR VEHICLE FUEL Other Content Info:

CLOSED Reg Status:

Remove Close Date: 2011-01-27 00:00:00 Year Installed: 1989-01-01 00:00:00 Pipe Type: SINGLE WALL Delivery System: **PRESSURE**

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 100804 T002

Last Update: 2012-11-02 14:17:38

Permit Number: 100804 Tank Type: SINGLE WALL

Additional Id: D-108 LOADING RACK SUMP (UST "B") AT5475

Capacity Gallons: 8709 **UST Contents:** OTHER

Other Content Info: MOTOR VEHICLE FUEL

Reg Status: **REMOVED**

2010-11-17 00:00:00 Remove Close Date: Year Installed: 1963-01-01 00:00:00 SINGLE WALL Pipe Type: Delivery System: **PRESSURE**

Monitor Code: 90

NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING **UST Monitor Method:**

ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 100804 T003

Last Update: 2012-11-02 14:17:38 Permit Number: 100804 Tank Type: SINGLE WALL

Additional Id: SUMP D-106 (UST "C") AT5461

Capacity Gallons: 600 **UST Contents:** OTHER

Other Content Info: MOTOR VEHICLE FUEL

Reg Status: **DEFICIENT**

Remove Close Date: 2010-06-14 00:00:00 Year Installed: 1963-01-01 00:00:00 SINGLE WALL Pipe Type: Delivery System: **PRESSURE**

Monitor Code:

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 100804 T004

Last Update: 2012-11-02 14:17:38

Permit Number: 100804
Tank Type: SINGLE WALL

Additional Id: SHELL RACK SUMP FOR RACK 5/AT5292

Capacity Gallons: 846 UST Contents: OTHER

Other Content Info: MOTOR VEHICLE FUEL

Reg Status: REMOVED
Remove Close Date: 2007-01-22 00:00:00
Year Installed: Not reported
Pipe Type: SINGLE WALL

Delivery System: GRAVITY
Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 100804 T005

Last Update: 2012-11-02 14:17:38

Permit Number: 100804
Tank Type: SINGLE WALL

Additional Id: BURNER SUMP D-111 (UST "D2 ") AT5487

PRESSURE

Capacity Gallons: 235 UST Contents: OTHER

Other Content Info: MOTOR VEHICLE FUEL

Reg Status: REMOVED

Remove Close Date: 2011-01-27 00:00:00
Year Installed: Not reported
Pipe Type: Not reported

Monitor Code: 90

Delivery System:

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 100804 T006

Last Update: 2012-11-02 14:17:38

Permit Number: 100804
Tank Type: SINGLE WALL

Additional Id: VAPOR RECOVERY SATURATOR/AT5374

Capacity Gallons: 1650 UST Contents: OTHER

Other Content Info: MOTOR VEHICLE FUEL

Reg Status: REMOVED

Remove Close Date: 2008-11-18 00:00:00
Year Installed: 1976-01-01 00:00:00
Pipe Type: Not reported
Delivery System: PRESSURE

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 100804 T007

Last Update: 2012-11-02 14:17:38

Permit Number: 100804
Tank Type: SINGLE WALL

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Additional Id: VAPOR CONDENSATE - (UST "D4") AT5487

Capacity Gallons: 430
UST Contents: OTHER
Other Content Info: Not reported
Reg Status: REMOVED

 Remove Close Date:
 2011-01-14 00:00:00

 Year Installed:
 1974-03-01 00:00:00

 Pipe Type:
 SINGLE WALL

 Delivery System:
 GRAVITY

 Monitor Code:
 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 100804 T008

Last Update: 2012-11-02 14:17:38

Permit Number: 100804
Tank Type: SINGLE WALL
Additional Id: (UST "'A")' AT5319

Capacity Gallons: 294

UST Contents: Not reported

Other Content Info: 'OFF SPEC FUELS'

Reg Status: REMOVED

Remove Close Date: 2009-01-06 00:00:00

Year Installed: Not reported Pipe Type: Not reported Delivery System: Not reported Monitor Code: Not reported UST Monitor Method: Not reported

UST Name: UNDERGROUND TANK 100804 T009

Last Update: 2012-11-02 14:17:38

Permit Number: 100804
Tank Type: SINGLE WALL
Additional Id: AT5405
Capacity Gallons: 370
UST Contents: Not reported
Other Content Info: ETHANOL
Reg Status: CLOSED

 Remove Close Date:
 2009-04-01 00:00:00

 Year Installed:
 2003-08-01 00:00:00

 Pipe Type:
 Not reported

 Delivery System:
 Not reported

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 100804 T010

Last Update: 2012-11-02 14:17:38

Permit Number: 100804
Tank Type: SINGLE WALL
Additional Id: AT5405
Capacity Gallons: 370
UST Contents: Not reported
Other Content Info: ETHANOL
Reg Status: CLOSED

Remove Close Date: 2009-04-01 00:00:00 Year Installed: 2003-08-01 00:00:00

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Pipe Type: Not reported Delivery System: Not reported

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 100804 T011

Last Update: 2012-11-02 14:17:38

Permit Number: 100804
Tank Type: SINGLE WALL
Additional Id: AT5412
Capacity Gallons: 300
UST Contents: Not reported
Other Content Info: Not reported
Reg Status: REMOVED

Remove Close Date: 2009-06-03 00:00:00

Year Installed: Not reported Pipe Type: Not reported Delivery System: Not reported

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 100804 T012

Last Update: 2012-11-02 14:17:38

Permit Number: 100804
Tank Type: DOUBLE WALL
Additional Id: NT2503
Capacity Gallons: 4000

UST Contents:
Other Content Info:
Reg Status:
Remove Close Date:
Year Installed:

4000
OTHER
Not reported
ACTIVE
Not reported
2010-06-07 00:00:00

Pipe Type: Not reported Delivery System: Not reported

Monitor Code: 46

UST Monitor Method: DW TANK W/ CONSTANT VACUUM INTERSTITIAL W/ ALARM; SW GRAVITY

ABOVEGROUND PIPING W/VISUAL MONIT; NO SUMPS OR UDCS.

UST Name: UNDERGROUND TANK 100804 T013

Last Update: 2012-11-02 14:17:38

Permit Number: 100804
Tank Type: SINGLE WALL
Additional Id: AT5461 (UST "C1")

Capacity Gallons: 1500 UST Contents: LEADED

Other Content Info: FUEL WATER SEPARATOR

Reg Status: REMOVED

Remove Close Date: 2010-06-14 00:00:00

Year Installed: Not reported Pipe Type: Not reported Delivery System: Not reported Monitor Code: Not reported UST Monitor Method: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Active Permits:

Facility Id: 100804
Update Date: 11/02/2012
Case Number: Not reported
Name: FUEL ADDITIVE
Other Information: HI-TEC 6591S (MVA-4)

Material Waste: Material Hazardous Categories 1: FIRE Hazardous Categories 2: ACUTE

Facility Id: 100804 Update Date: 11/02/2012 Case Number: 64742-95-6 **FUEL ADDITIVE** Name: Other Information: **NEMO 1121P** Material Waste: Material Hazardous Categories 1: **FIRE** Hazardous Categories 2: **ACUTE**

Facility Id: 100804 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG

Other Information: WASTEWATER WITH BENZENE

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 100804 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 352 ORGANIC SOLIDS (OTHER)

Other Information: SOIL W/PB
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 100804
Update Date: 11/02/2012
Case Number: Not reported

Name: WASTE 291 LATEX WASTE

Other Information: Not reported Material Waste: Waste Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Facility Id: 100804 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 352 ORGANIC SOLIDS (OTHER)
Other Information: RAGS, SOIL, FOAM LOGS WITH GASOLINE

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 100804 Update Date: 11/02/2012

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Case Number: Not reported

Name: WASTE 352 ORGANIC SOLIDS (OTHER) PAINT CHIPS

Other Information: PAINT CHIPS
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 100804 Update Date: 11/02/2012 Case Number: 74-86-2

Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Facility Id: 100804 Update Date: 11/02/2012 Case Number: 68476-34-6

Name: DIESEL; (MV-12, 17, 23, 8, 11, 29)

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

ACUTE

Not reported

Material

FIRE

ACUTE

Facility Id: 100804
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE

Hazardous Categories 2: PRESSURE RELEASE

Facility Id: 100804 Update Date: 11/02/2012 Case Number: MIXTURE

Name: PETROLEUM HYDROCARBONS

Other Information: TRANSMIX (MV-2-31,32)

Material Waste: Material Hazardous Categories 1: FIRE Hazardous Categories 2: ACUTE

Facility Id: 100804 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 241 TANK BOTTOM WASTE

Other Information: TANK BOTTOM SLUDGE

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 100804
Update Date: 11/02/2012
Case Number: Not reported
Name: FUEL ADDITIVE

Other Information: AP 4001 FUEL ADDITIVE

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Material Waste: Material Hazardous Categories 1: FIRE Hazardous Categories 2: ACUTE

Facility Id: 100804
Update Date: 11/02/2012
Case Number: Not reported

Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: PAINT AND RELATED MATERIALS (343)

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 100804 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE (OTHER) TANK

Other Information: TANK CLEANING WASTEWATER (GASOLINE)

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 100804 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 611 CONTAMINATED SOIL

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 100804 Update Date: 11/02/2012 Case Number: 64-17-5

Name: DENATURED ETHANOL
Other Information: ETHANOL 95% (MV-21-22)

Material Waste: Material Hazardous Categories 1: FIRE Hazardous Categories 2: ACUTE

Facility Id: 100804
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 100804 Update Date: 11/02/2012 Case Number: 74-98-6

Name: PROPANE, LIQUIFIED PETROLEUM COMPRESSED GAS

Other Information: (2X100; 1X500)
Material Waste: Material
Hazardous Categories 1: FIRE

Hazardous Categories 2: PRESSURE RELEASE

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Facility Id: 100804 Update Date: 11/02/2012 Case Number: 7681-52-9

Name: SODIUM HYPOCHLORITE

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

ACUTE

Not reported

Material

Material

REACTIVE

ACUTE

Facility Id: 100804 Update Date: 11/02/2012 Case Number: MIXTURE **FUEL ADDITIVE** Name: Other Information: HITEC 6676 C Material Waste: Material **FIRE** Hazardous Categories 1: Hazardous Categories 2: **ACUTE**

Facility Id: 100804
Update Date: 11/02/2012
Case Number: MIXTURE
Name: KEROPUR

Other Information: AP-297-15 FUEL ADDITIVE MVA-1 AG-1

Material Waste: Material Hazardous Categories 1: FIRE Hazardous Categories 2: ACUTE

Facility Id: 100804 Update Date: 11/02/2012 Case Number: 112-34-5

Name: LIGHT WATER FC-600 Other Information: BRAND ATC/AFFF

Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: CHRONIC

Facility Id: 100804
Update Date: 11/02/2012
Case Number: MIXTURE
Name: UNISOL LIQUID

Other Information: UNISOL LIQUID RED BK-50 LR-1,5

Material Waste: Material Hazardous Categories 1: FIRE Hazardous Categories 2: ACUTE

Facility Id: 100804
Update Date: 11/02/2012
Case Number: Not reported

Name: WASTE 221 WASTE OIL & MIXED OIL

Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 100804 Update Date: 11/02/2012 Case Number: 64-19-7

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SFPP, LP/KINDER MORGAN (Continued)

S103994117

Name: ACETIC ACID Not reported Other Information: Material Waste: Material Hazardous Categories 1: **FIRE** Hazardous Categories 2: **ACUTE**

100804 Facility Id: Update Date: 11/02/2012 Case Number: 8006-61-9

Name: PETROLEUM HYDROCARBON

Other Information: GASOLINE (MV1,3,4,5,6,7,9,10,13,14,15,16,18,19,25-28)

Material Waste: Material Hazardous Categories 1: **FIRE** Hazardous Categories 2: **ACUTE**

Facility Id: 100804 Update Date: 11/02/2012 Case Number: **MIXTURE** Name: **FUEL ADDITIVE**

MCC LUBRICITY FUEL ADDITIVE Other Information:

Material Waste: Material Hazardous Categories 1: **FIRE** Hazardous Categories 2: CHRONIC

Facility Id: 100804 Update Date: 11/02/2012 7664-38-2 Case Number:

Name: PHOSPHORIC ACID

Other Information: Not reported Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: Not reported

Facility Id: 100804 Update Date: 11/02/2012 Case Number: 7631-90-5

Name: SODIUM BISULFITE

Other Information: Not reported Material Waste: Material Hazardous Categories 1: **REACTIVE** Hazardous Categories 2: Not reported

Facility Id: 100804 Update Date: 11/02/2012 Case Number: Not reported

WASTE 132 AQUEOUS SOL'N WITH METALS Name:

Other Information: AQUEOUS SOLUTION WITH AS, CD

Material Waste: Waste Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Violations Active Permits:

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/20/2004 Violation Code: 6HV1601

HAZWASTE TANKS W/O P.E. ASSESSMENT Violation:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SFPP, LP/KINDER MORGAN (Continued)

S103994117

Violation Citation: Failed to obtain a P.E. assessment for hazardous waste tank system.

66265.191(a) or 66265.192(a)

ACTIVE Activity:

Facility Id: 100804 Update Date: 11/02/2012 01/12/2005 Inspection Date: Violation Code: 6HV0202

WASTE CONTAINER W/O LABELS Violation:

Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation

date and/or are improperly labeled. CCR 66262.34(a)(2);

66262.34(a)(3) & 66262.34(f)

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 11/20/2009 Inspection Date: Violation Code: 6HV1009

Violation: HMBP: INADEQUATE SITE MAP

Violation Citation: Business Plan does not have a site map which provides sufficient or

complete information for emergency response agencies. HSC 25509(a)(5)

. 25505(a)(2)

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 11/01/2005 Violation Code: 6HV0207

FIRE/EXPLOSION/RELEASE NOT MINIMIZED Violation:

Facility not maintained &/operated to minimize possibility of fire, Violation Citation:

explosion or release. CCR 66265.31

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/20/2004 6HV3553 Violation Code:

Violation: SWPP1: NO HOURLY LLD MONITORING

SINGLE WALLED PRESSURIZED PIPING: OPTION 1-Hourly line leak detector Violation Citation:

monitoring not performed. 25284.1(a)(4) (C); 2643(c)(1)

Activity: **ACTIVE**

Facility Id: 100804 11/02/2012 Update Date: Inspection Date: 04/27/2006 Violation Code: 6HV0202

Violation: WASTE CONTAINER W/O LABELS

Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation

date and/or are improperly labeled. CCR 66262.34(a)(2);

66262.34(a)(3) & 66262.34(f)

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/27/2006 Violation Code: 6HV3107

Violation: MONITORING PROCEDURES NOT AVAIL/TO HMD

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Violation Citation: Monitoring procedures not available/complete/submitted to HMD 2632(b)&

(d), 2634(d), 2641(h), 2711(a)(9)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/27/2006

 Violation Code:
 6HV3110

Violation: NO ANNUAL CERT OF ATG AND SENSORS

Violation Citation: Annual certification for ATG and/or sensors not completed (existing

tank systems only). 2641(j), 2638

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 10/17/2011

 Violation Code:
 6HV3105

Violation: NO CURRENT FINANCIAL RESPONSIBILITY

Violation Citation: Current evidence of financial responsibility not available.

25292.2(a), 25299.33; 2809

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/20/2004

 Violation Code:
 6HV0143

Violation: TP NOTIFICATION INCOMPLETE/INCORRECT

Violation Citation: TIERED PERMITTING: TP Notification has incomplete or incorrect

information. 25201

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/20/2004

 Violation Code:
 6HV0202

Violation: WASTE CONTAINER W/O LABELS

Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation

date and/or are improperly labeled. CCR 66262.34(a)(2);

66262.34(a)(3) & 66262.34(f)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/20/2004

 Violation Code:
 6HV1611

Violation: IMPROPER CLOSURE OF HW TANK UNIT

Violation Citation: Failed to properly complete and/or document closure for a hazardous

waste tank system. 67383.3 & 66265.197(a)&(b)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/20/2004

 Violation Code:
 6HV3301

Violation: CATH PROT:SYSTEM NOT CHECKED AS REQ

Violation Citation: System not checked as required by tester (at 6 months/3yrs.)

2635(a)(2)(A)

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/20/2004

 Violation Code:
 6HV3554

Violation: SWPP1: MONTHLY ELLD NOT DONE

Violation Citation: SINGLE WALLED PRESSURIZED PIPING: OPTION 1:Monthly electronic line

leak detection not performed. 2643(c)(2)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 11/20/2009

 Violation Code:
 6HV0224

Violation: MISMANAGED EMPTY CONTAINERS >5GALS.

Violation Citation: Failed to mark date on empty container larger than 5 gallons and/or

manage it within one year. 66261.7(e) & (f).

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/27/2006

 Violation Code:
 6HV1009

Violation: HMBP: INADEQUATE SITE MAP

Violation Citation: Business Plan does not have a site map which provides sufficient or

complete information for emergency response agencies. HSC 25509(a)(5)

& 25505(a)(2)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/27/2006

 Violation Code:
 6HV1018

Violation: INVENTORY INCOMPLETE/NOT AMENDED

Violation Citation: Inventory not amended for 100% increase of hazardous material onsite

or inventory is incomplete. 25509, 25510

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/27/2006

 Violation Code:
 6HV0201

Violation: WASTE CONTAINER NOT CLOSED

Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR

66265.173(a)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/27/2006

 Violation Code:
 6HV3105

Violation: NO CURRENT FINANCIAL RESPONSIBILITY

Violation Citation: Current evidence of financial responsibility not available.

25292.2(a), 25299.33; 2809

Activity: ACTIVE

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SFPP, LP/KINDER MORGAN (Continued)

S103994117

Facility Id: 100804 11/02/2012 Update Date: Inspection Date: 04/27/2006 Violation Code: 6HV3192

NO D.O INSPECTION/INCOMPL;NO REPORTS Violation:

Designated Operator monthly inspection not conducted or incomplete; or Violation Citation:

DO inspection reports not onsite 2715 (c)(d)(e)

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/20/2004 Violation Code: 6HV1605

Violation: NO DAILY TANK INSPECTION/LOG

Violation Citation: Failed to inspect and/or document daily HW tank system inspections.

66265.195 (c)

ACTIVE Activity:

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/20/2004 Violation Code: 6HV1006

HMBP: INVENTORY INADEQUATE Violation:

Violation Citation: Business Plan inventory does not list all hazardous materials on site

in disclosable quantities. HSC 25504(a),25503.5

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 09/20/2004 Violation Code: 6HV1603

Violation: NO 2ND CONTAINMENT FOR HW TANK

Violation Citation: Failed to provide proper secondary containment and/or leak detection

for Hazardous waste tank system. 66265.193(a)

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/27/2006 Violation Code: 6HV3101

UPF PERMIT NOT CURRENT/ONSITE Violation:

Current UPF permit not obtained/not available. 25284; 68.905, 68.1003, Violation Citation:

68.1005

Activity: **ACTIVE**

100804 Facility Id: Update Date: 11/02/2012 Inspection Date: 04/27/2006 Violation Code: 6HV3254

UST SYSTEM W/O APPROVED OVERFILL PROTECT Violation:

Violation Citation: UST system does not have an approved overfill protection system.

2635(b)(2)

ACTIVE Activity:

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/20/2004

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

SFPP, LP/KINDER MORGAN (Continued)

S103994117

Violation Code: 6HV1603

NO 2ND CONTAINMENT FOR HW TANK Violation:

Violation Citation: Failed to provide proper secondary containment and/or leak detection

for Hazardous waste tank system. 66265.193(a)

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/27/2006 Violation Code: 6HV3191

NO D.O. CERT/NOTIFICATION/CHANGE Violation:

Designated Operator Notification/Change form not submitted and/or D.O. Violation Citation:

not ICC certified. 2715 (a)(b)

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/27/2006 Violation Code: 6HV3701

SWGP:PIPE INTEG NOT TESTED EVERY 2 YEARS Violation:

Violation Citation: SINGLE WALLED GRAVITY PIPING:Piping integrity test not performed every

2 years. 2643(e)

ACTIVE Activity:

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/20/2004 Violation Code: 6HV3254

UST SYSTEM W/O APPROVED OVERFILL PROTECT Violation:

Violation Citation: UST system does not have an approved overfill protection system.

2635(b)(2)

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 09/20/2004 6HV1601 Violation Code:

Violation: HAZWASTE TANKS W/O P.E. ASSESSMENT

Violation Citation: Failed to obtain a P.E. assessment for hazardous waste tank system.

66265.191(a) or 66265.192(a)

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 11/20/2009 Violation Code: 6HV0137

Violation: MANIFEST NOT COMPLETED PROPERLY

Violation Citation: Generator of hazardous waste has not completed the hazardous waste

manifest with all information required. CCR 66262.23(a)

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/27/2006 Violation Code: 6HV1602

P.E. ASSESSMENT REPORT NOT COMPLETE Violation:

Violation Citation: Failed to provide adequate P.E. Assessment report for a HW tank

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SFPP, LP/KINDER MORGAN (Continued)

S103994117

system. 66265.191(g) or 66265.192(k)

ACTIVE Activity:

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/27/2006 Violation Code: 6HV3108

UST ER RESPONSE PLAN NOT COMPLETE/AVAIL Violation:

Violation Citation: Emergency Response Plan is not available/complete. 25289(b); 2632(b),

2634(e), 2641(h)

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/27/2006 Violation Code: 6HV3265

SYS NOT RUN TO PREVENT SPILL/OVERFILL Violation:

Violation Citation: UST system not operated to prevent spills and/or overfills. 25292.1(a)

Activity: ACTIVE

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/20/2004 Violation Code: 6HV3302

IMPRESSED CURRENT TEST NOT DONE ON TIME Violation:

Violation Citation: CATHODIC PROTECTION: Impressed current system check not done every 60

days. 2635 (a)(2)(A)

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 11/01/2005 Violation Code: 6HV0301

Violation: HAZWASTE: UNAUTHORIZED DISPOSAL

Violation Citation: Disposal or causing the disposal of hazardous waste to an unauthorized

point (ground, storm drain, sewer system, trash, or air). HSC

25189.5(a) or 25189(d)

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/27/2006 Violation Code: 6HV1611

IMPROPER CLOSURE OF HW TANK UNIT Violation:

Violation Citation: Failed to properly complete and/or document closure for a hazardous

waste tank system. 67383.3 & 66265.197(a)&(b)

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/27/2006 Violation Code: 6HV0402

TRAINING PROGRAM NOT ADEQUATE Violation:

Violation Citation: Personnel training is not adequate to ensure compliance with hazardous

waste regulations. CCR 66265.16(a)&(b)

ACTIVE Activity:

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/27/2006

 Violation Code:
 6HV3193

Violation: NO TRAINING/RECORD INCOMPLETE-NOT ONSITE

Violation Citation: Facility employee(s) are not trained, training records are incomplete,

and/or not onsite. 2715(f)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/27/2006

 Violation Code:
 6HV3269

Violation: UST SYSTEM NOT CONT. MONITORED W/VPH Violation Citation: UST system not continuously monitored using

Vacuum/Pressure/Hydrostatic (VPH) system (for tank installs on or

after 7/1/04). 25290.1 (d)&(e)

Activity: ACTIVE

Facility Id: 100804
Update Date: 11/02/2012
Inspection Date: 04/20/2004
Violation Code: 6HV1009

Violation: HMBP: INADEQUATE SITE MAP

Violation Citation: Business Plan does not have a site map which provides sufficient or

complete information for emergency response agencies. HSC 25509(a)(5)

& 25505(a)(2)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/20/2004

 Violation Code:
 6HV3701

Violation: SWGP:PIPE INTEG NOT TESTED EVERY 2 YEARS

Violation Citation: SINGLE WALLED GRAVITY PIPING:Piping integrity test not performed every

2 years. 2643(e)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/27/2006

 Violation Code:
 6HV3104

Violation: FORMS A & B NOT AVAIL./SUBMITTED

Violation Citation: CUPA UST form(s) A and/or B not available/complete/submitted to HMD.

25286(a); 2711

Activity: ACTIVE

Facility Id: 100805 Business Type: 6HK07 EPA Id Number: Not reported 433-240-27-00 Last HMMD Inspection: Not reported Permit Status: INAC Permit Expiration: Not reported Facility Owner: Not reported Facility Address: Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number**

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Facility City: Not reported Not reported Facility State: Facility Zip: Not reported UST Owner: Not reported Handle Regulated Hazmat: Not reported Own Or Operate UST: Not reported Subject To APSA: Not reported Generate Haz Waste: Not reported Treat Haz Waste: Not reported Generate Medical Waste: Not reported

Facility Id: 207749 Business Type: 6HK26

EPA Id Number: CAL000172941 APN: 433-240-27-00 Last HMMD Inspection: 04/22/2011 Permit Status: **OPEN** Permit Expiration: 05/31/2013

Facility Owner: COASTAL TRANSPORT COMPANY INC

Facility Address: 1603 ACKERMAN RD Facility City: SAN ANTONIO

Facility State: ΤX Facility Zip: 78219 UST Owner: Not reported Handle Regulated Hazmat:

Own Or Operate UST: Not reported

Subject To APSA: Ν Generate Haz Waste:

Treat Haz Waste: Not reported Generate Medical Waste: Not reported

Active Permits:

Facility Id: 207749 Update Date: 11/02/2012 Case Number: Not reported

WASTE 221 WASTE OIL & MIXED OIL Name:

USED OIL Other Information: Material Waste: Waste Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

207749 Facility Id: Update Date: 11/02/2012 Case Number: Not reported

WASTE 444 USED BATTERIES Name:

Other Information: FLEET PRIDE Material Waste: Waste Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Facility Id: 207749 Update Date: 11/02/2012 Case Number: Not reported

WASTE 223 UNSPEC OIL CONTAINING WASTE Name:

Other Information: **OILY ABSORBENT**

Material Waste: Waste Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SFPP, LP/KINDER MORGAN (Continued)

S103994117

Facility Id: 207749 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 342 ORGANIC LIQUIDS W/METALS

Other Information: **USED ANTIFREEZE**

Material Waste: Waste Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Facility Id: 207749 Update Date: 11/02/2012 Case Number: 8002-05-9

OILS, LUBRICATING Name:

Other Information: Not reported Material Waste: Material Hazardous Categories 1: **FIRE** Hazardous Categories 2: CHRONIC

Facility Id: 207749 Update Date: 11/02/2012 Case Number: 7782-44-7 **OXYGEN GAS** Name: Other Information: Not reported Material Waste: Material

PRESSURE RELEASE Hazardous Categories 1:

Hazardous Categories 2: Not reported

Facility Id: 207749 Update Date: 11/02/2012 Case Number: Not reported

WASTE 135 UNSPECIFIED AQUEOUS SOL'N Name:

Other Information: PARTS WASHER

Material Waste: Waste Hazardous Categories 1: Not reported Not reported Hazardous Categories 2:

Facility Id: 207749 Update Date: 11/02/2012 Case Number: Not reported

WASTE 888 USED OIL FILTERS Name:

Other Information: Not reported Material Waste: Waste Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Violations Active Permits:

Facility Id: 207749 Update Date: 11/02/2012 Inspection Date: 12/04/2008 Violation Code: 6HV0227

HAZWASTE TANK/CONTAINER W/O LABEL/DATE Violation:

Violation Citation: Failed to properly label/date hazardous waste container &/or tank.

66262.34(f)

ACTIVE Activity:

Facility Id: 207749 Update Date: 11/02/2012

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Inspection Date: 12/04/2008 Violation Code: 6HV0226

Violation: HW NOT ACCUMULATED IN TANK/CONTAINER

Violation Citation: Did not accumulate waste in container or tank. 66262.34 (d)(2)

Activity: ACTIVE

 Facility Id:
 207749

 Update Date:
 11/02/2012

 Inspection Date:
 04/22/2011

 Violation Code:
 6HV0218

Violation: FILTERS:FUEL/OIL NOT LABELED OR CLOSED

Violation Citation: Failed to label &/or close drained used oil filters &/or used fuel

filters. 25250.22 and 66266.130(c)(3)

Activity: ACTIVE

 Facility Id:
 207749

 Update Date:
 11/02/2012

 Inspection Date:
 04/22/2011

 Violation Code:
 6HV0227

Violation: HAZWASTE TANK/CONTAINER W/O LABEL/DATE

Violation Citation: Failed to properly label/date hazardous waste container &/or tank.

66262.34(f)

Activity: ACTIVE

 Facility Id:
 100804

 Business Type:
 6HK19

 EPA Id Number:
 CAD080912587

 APN:
 433-240-27-00

 Last HMMD Inspection:
 10/17/2011

 Permit Status:
 OPEN

Last HMMD Inspection: 10/17/2011
Permit Status: OPEN
Permit Expiration: 02/28/2013

Facility Owner: SFPP, LP/KINDER MORGAN Facility Address: 1100 S TOWN & COUNTRY RD

Facility City:

Facility State:

CA

Facility Zip:

UST Owner:

Handle Regulated Hazmat:

SRANGE

CA

92868
SFPP, LP

Handle Regulated Hazmat:

Y

Own Or Operate UST: Not reported Subject To APSA: Not reported

Generate Haz Waste: Y Treat Haz Waste: Y

Generate Medical Waste: Not reported

UST:

UST Name: UNDERGROUND TANK 104507 T008

Last Update: 2012-11-02 14:17:38

Permit Number: 100804 Tank Type: DOUBLE WALL

Additional Id: NT1799 / OIL BEARING MATERIAL / RT3688

Capacity Gallons: 10000 UST Contents: OTHER

Other Content Info: GASOLINE ADDITIVE & WATER

Reg Status: ACTIVE
Remove Close Date: Not reported
Year Installed: 1994-01-01 00:00:00
Pipe Type: DOUBLE WALL

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Delivery System: GRAVITY

Monitor Code: 21

UST Monitor Method: DW TANK DW SUCTION AND/ OR GRAVITY PIPING WITH INTERSTITIAL

MONITORS: INTERSTITIAL

UST Name: UNDERGROUND TANK 100804 T001

Last Update: 2012-11-02 14:17:38

Permit Number: 100804 Tank Type: SINGLE WALL

Additional Id: SUMP D109 (UST "D1") AT5487

Capacity Gallons: 600 UST Contents: OTHER

Other Content Info: MOTOR VEHICLE FUEL

Reg Status: CLOSED

 Remove Close Date:
 2011-01-27 00:00:00

 Year Installed:
 1989-01-01 00:00:00

 Pipe Type:
 SINGLE WALL

 Delivery System:
 PRESSURE

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 100804 T002

Last Update: 2012-11-02 14:17:38

Permit Number: 100804
Tank Type: SINGLE WALL

Additional Id: D-108 LOADING RACK SUMP (UST "B") AT5475

Capacity Gallons: 8709 UST Contents: OTHER

Other Content Info: MOTOR VEHICLE FUEL

Reg Status: REMOVED

 Remove Close Date:
 2010-11-17 00:00:00

 Year Installed:
 1963-01-01 00:00:00

 Pipe Type:
 SINGLE WALL

 Delivery System:
 PRESSURE

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 100804 T003

Last Update: 2012-11-02 14:17:38

Permit Number: 100804 Tank Type: SINGLE WALL

Additional Id: SUMP D-106 (UST "C ") AT5461

Capacity Gallons: 600 UST Contents: OTHER

Other Content Info: MOTOR VEHICLE FUEL

Reg Status: DEFICIENT

 Remove Close Date:
 2010-06-14 00:00:00

 Year Installed:
 1963-01-01 00:00:00

 Pipe Type:
 SINGLE WALL

 Delivery System:
 PRESSURE

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 100804 T004

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Last Update: 2012-11-02 14:17:38

Permit Number: 100804 Tank Type: SINGLE WALL

Additional Id: SHELL RACK SUMP FOR RACK 5/AT5292

Capacity Gallons: 846 UST Contents: OTHER

Other Content Info: MOTOR VEHICLE FUEL

Reg Status: REMOVED
Remove Close Date: 2007-01-22 00:00:00
Year Installed: Not reported
Pipe Type: SINGLE WALL
Delivery System: GRAVITY

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 100804 T005

Last Update: 2012-11-02 14:17:38

Permit Number: 100804
Tank Type: SINGLE WALL

Additional Id: BURNER SUMP D-111 (UST "D2 ") AT5487

Capacity Gallons: 235 UST Contents: OTHER

Other Content Info: MOTOR VEHICLE FUEL

Reg Status: REMOVED
Remove Close Date: 2011-01-27 00:00:00
Year Installed: Not reported
Pipe Type: Not reported
Delivery System: PRESSURE

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 100804 T006

Last Update: 2012-11-02 14:17:38

Permit Number: 100804
Tank Type: SINGLE WALL

Additional Id: VAPOR RECOVERY SATURATOR/AT5374

Capacity Gallons: 1650 UST Contents: OTHER

Other Content Info: MOTOR VEHICLE FUEL

Reg Status: REMOVED

 Remove Close Date:
 2008-11-18 00:00:00

 Year Installed:
 1976-01-01 00:00:00

 Pipe Type:
 Not reported

 Delivery System:
 PRESSURE

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 100804 T007

Last Update: 2012-11-02 14:17:38

Permit Number: 100804
Tank Type: SINGLE WALL

Additional Id: VAPOR CONDENSATE - (UST "D4") AT5487

Capacity Gallons: 430 UST Contents: OTHER

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Other Content Info: Not reported Reg Status: REMOVED

 Remove Close Date:
 2011-01-14 00:00:00

 Year Installed:
 1974-03-01 00:00:00

 Pipe Type:
 SINGLE WALL

 Delivery System:
 GRAVITY

 Monitor Code:
 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 100804 T008

Last Update: 2012-11-02 14:17:38

Permit Number: 100804
Tank Type: SINGLE WALL
Additional Id: (UST "'A")' AT5319

Capacity Gallons: 294

UST Contents: Not reported
Other Content Info: 'OFF SPEC FUELS'
Reg Status: REMOVED

Remove Close Date: 2009-01-06 00:00:00

Year Installed: Not reported
Pipe Type: Not reported
Delivery System: Not reported
Monitor Code: Not reported
UST Monitor Method: Not reported

UST Name: UNDERGROUND TANK 100804 T009

Last Update: 2012-11-02 14:17:38

Permit Number: 100804
Tank Type: SINGLE WALL
Additional Id: AT5405
Capacity Gallons: 370
UST Contents: Not reported
Other Content Info: ETHANOL
Reg Status: CLOSED

Remove Close Date: 2009-04-01 00:00:00
Year Installed: 2003-08-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 100804 T010

Last Update: 2012-11-02 14:17:38

Permit Number: 100804
Tank Type: SINGLE WALL
Additional Id: AT5405
Capacity Gallons: 370
UST Contents: Not reported
Other Content Info: ETHANOL
Reg Status: CLOSED

 Remove Close Date:
 2009-04-01 00:00:00

 Year Installed:
 2003-08-01 00:00:00

 Pipe Type:
 Not reported

 Delivery System:
 Not reported

Monitor Code: 90

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SFPP, LP/KINDER MORGAN (Continued)

S103994117

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 100804 T011

Last Update: 2012-11-02 14:17:38

Permit Number: 100804 SINGLE WALL Tank Type: Additional Id: AT5412 Capacity Gallons: 300 **UST Contents:** Not reported Other Content Info: Not reported Reg Status: REMOVED

Remove Close Date: 2009-06-03 00:00:00

Year Installed: Not reported Pipe Type: Not reported Delivery System: Not reported

Monitor Code:

NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING **UST Monitor Method:**

ALTERNATIVE DURING INSPECTION

UST Name: UNDERGROUND TANK 100804 T012

Last Update: 2012-11-02 14:17:38

Permit Number: 100804 Tank Type: DOUBLE WALL

Additional Id: NT2503 Capacity Gallons: 4000 UST Contents: **OTHER** Other Content Info: Not reported **ACTIVE** Reg Status: Remove Close Date: Not reported

Year Installed: 2010-06-07 00:00:00

Pipe Type: Not reported Delivery System: Not reported

Monitor Code:

DW TANK W/ CONSTANT VACUUM INTERSTITIAL W/ ALARM; SW GRAVITY **UST Monitor Method:**

ABOVEGROUND PIPING W/VISUAL MONIT; NO SUMPS OR UDCS.

UNDERGROUND TANK 100804 T013 **UST Name:**

Last Update: 2012-11-02 14:17:38

Permit Number: 100804 Tank Type: SINGLE WALL Additional Id: AT5461 (UST "C1")

Capacity Gallons: 1500 **UST Contents: LEADED**

Other Content Info: **FUEL WATER SEPARATOR**

Reg Status: REMOVED

Remove Close Date: 2010-06-14 00:00:00

Year Installed: Not reported Pipe Type: Not reported Delivery System: Not reported Monitor Code: Not reported **UST Monitor Method:** Not reported

Active Permits:

100804 Facility Id: Update Date: 11/02/2012 Case Number: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SFPP, LP/KINDER MORGAN (Continued)

S103994117

Name: **FUEL ADDITIVE** HI-TEC 6591S (MVA-4) Other Information:

Material Waste: Material Hazardous Categories 1: **FIRE** Hazardous Categories 2: **ACUTE**

100804 Facility Id: Update Date: 11/02/2012 Case Number: 64742-95-6 Name: **FUEL ADDITIVE** Other Information: **NEMO 1121P** Material Waste: Material Hazardous Categories 1: **FIRE** Hazardous Categories 2: **ACUTE**

Facility Id: 100804 Update Date: 11/02/2012 Case Number: Not reported

WASTE 134 AQUEOUS SOL'N W/LESS 10% ORG Name:

WASTEWATER WITH BENZENE Other Information:

Material Waste: Waste Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Facility Id: 100804 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 352 ORGANIC SOLIDS (OTHER)

Other Information: SOIL W/PB Material Waste: Waste Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Facility Id: 100804 Update Date: 11/02/2012 Case Number: Not reported

WASTE 291 LATEX WASTE Name:

Other Information: Not reported Material Waste: Waste Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Facility Id: 100804 Update Date: 11/02/2012 Case Number: Not reported

WASTE 352 ORGANIC SOLIDS (OTHER) Name: Other Information: RAGS, SOIL, FOAM LOGS WITH GASOLINE

Material Waste: Waste Hazardous Categories 1: Not reported Not reported Hazardous Categories 2:

Facility Id: 100804 11/02/2012 Update Date: Case Number: Not reported

WASTE 352 ORGANIC SOLIDS (OTHER) PAINT CHIPS Name:

Other Information: PAINT CHIPS Material Waste: Waste

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Hazardous Categories 1: Not reported Hazardous Categories 2: Not reported

Facility Id: 100804 Update Date: 11/02/2012 Case Number: 74-86-2

Name: ACETYLENE GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE
Hazardous Categories 2: ACUTE

Facility Id: 100804 Update Date: 11/02/2012 Case Number: 68476-34-6

Name: DIESEL; (MV-12, 17, 23, 8, 11, 29)

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

ACUTE

Not reported

Material

FIRE

ACUTE

Facility Id: 100804
Update Date: 11/02/2012
Case Number: 7782-44-7
Name: OXYGEN GAS
Other Information: Not reported
Material Waste: Material
Hazardous Categories 1: FIRE

Hazardous Categories 2: PRESSURE RELEASE

Facility Id: 100804 Update Date: 11/02/2012 Case Number: MIXTURE

Name: PETROLEUM HYDROCARBONS

Other Information: TRANSMIX (MV-2-31,32)

Material Waste: Material Hazardous Categories 1: FIRE Hazardous Categories 2: ACUTE

Facility Id: 100804 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 241 TANK BOTTOM WASTE

Other Information: TANK BOTTOM SLUDGE

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 100804
Update Date: 11/02/2012
Case Number: Not reported
Name: FUEL ADDITIVE

Other Information: AP 4001 FUEL ADDITIVE

Material Waste: Material Hazardous Categories 1: FIRE Hazardous Categories 2: ACUTE

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Facility Id: 100804
Update Date: 11/02/2012
Case Number: Not reported

Name: WASTE 214 UNSPEC SOLVENT MIXTURE
Other Information: PAINT AND RELATED MATERIALS (343)

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 100804 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 343 UNSPEC ORGANIC LIQUID MIXTURE (OTHER) TANK

Other Information: TANK CLEANING WASTEWATER (GASOLINE)

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 100804 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 611 CONTAMINATED SOIL

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 100804 Update Date: 11/02/2012 Case Number: 64-17-5

Name: DENATURED ETHANOL
Other Information: ETHANOL 95% (MV-21-22)

Material Waste: Material Hazardous Categories 1: FIRE Hazardous Categories 2: ACUTE

Facility Id: 100804
Update Date: 11/02/2012
Case Number: 7727-37-9
Name: NITROGEN GAS
Other Information: Not reported
Material Waste: Material

Hazardous Categories 1: PRESSURE RELEASE

Hazardous Categories 2: Not reported

Facility Id: 100804 Update Date: 11/02/2012 Case Number: 74-98-6

Name: PROPANE, LIQUIFIED PETROLEUM COMPRESSED GAS

Other Information: (2X100; 1X500)
Material Waste: Material
Hazardous Categories 1: FIRE

Hazardous Categories 2: PRESSURE RELEASE

Facility Id: 100804 Update Date: 11/02/2012 Case Number: 7681-52-9

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Name: SODIUM HYPOCHLORITE

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

ACUTE

Not reported

Material

REACTIVE

ACUTE

100804 Facility Id: Update Date: 11/02/2012 Case Number: **MIXTURE FUEL ADDITIVE** Name: HITEC 6676 C Other Information: Material Waste: Material Hazardous Categories 1: **FIRE** Hazardous Categories 2: **ACUTE**

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Case Number:
 MIXTURE

 Name:
 KEROPUR

Other Information: AP-297-15 FUEL ADDITIVE MVA-1 AG-1

Material Waste: Material Hazardous Categories 1: FIRE Hazardous Categories 2: ACUTE

Facility Id: 100804 Update Date: 11/02/2012 Case Number: 112-34-5

Name: LIGHT WATER FC-600 Other Information: BRAND ATC/AFFF

Material Waste: Material Hazardous Categories 1: ACUTE Hazardous Categories 2: CHRONIC

Facility Id: 100804
Update Date: 11/02/2012
Case Number: MIXTURE
Name: UNISOL LIQUID

Other Information: UNISOL LIQUID RED BK-50 LR-1,5

Material Waste: Material Hazardous Categories 1: FIRE Hazardous Categories 2: ACUTE

Facility Id: 100804
Update Date: 11/02/2012
Case Number: Not reported

Name: WASTE 221 WASTE OIL & MIXED OIL

Other Information: USED OIL
Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Facility Id: 100804
Update Date: 11/02/2012
Case Number: 64-19-7
Name: ACETIC ACID
Other Information: Not reported
Material Waste: Material

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Hazardous Categories 1: FIRE Hazardous Categories 2: ACUTE

Facility Id: 100804 Update Date: 11/02/2012 Case Number: 8006-61-9

Name: PETROLEUM HYDROCARBON

Other Information: GASOLINE (MV1,3,4,5,6,7,9,10,13,14,15,16,18,19,25-28)

Material Waste: Material Hazardous Categories 1: FIRE Hazardous Categories 2: ACUTE

Facility Id: 100804
Update Date: 11/02/2012
Case Number: MIXTURE
Name: FUEL ADDITIVE

Other Information: MCC LUBRICITY FUEL ADDITIVE

Material Waste: Material Hazardous Categories 1: FIRE Hazardous Categories 2: CHRONIC

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Case Number:
 7664-38-2

Name: PHOSPHORIC ACID

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Facility Id: 100804 Update Date: 11/02/2012 Case Number: 7631-90-5

Name: SODIUM BISULFITE

Other Information:

Material Waste:

Hazardous Categories 1:

Hazardous Categories 2:

Not reported

Not reported

Facility Id: 100804 Update Date: 11/02/2012 Case Number: Not reported

Name: WASTE 132 AQUEOUS SOL'N WITH METALS

Other Information: AQUEOUS SOLUTION WITH AS, CD

Material Waste: Waste
Hazardous Categories 1: Not reported
Hazardous Categories 2: Not reported

Violations Active Permits:

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/20/2004

 Violation Code:
 6HV1601

Violation: HAZWASTE TANKS W/O P.E. ASSESSMENT

Violation Citation: Failed to obtain a P.E. assessment for hazardous waste tank system.

66265.191(a) or 66265.192(a)

Activity: ACTIVE

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SFPP, LP/KINDER MORGAN (Continued)

S103994117

Facility Id: 100804 11/02/2012 Update Date: Inspection Date: 01/12/2005 Violation Code: 6HV0202

Violation: WASTE CONTAINER W/O LABELS

Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation

date and/or are improperly labeled. CCR 66262.34(a)(2);

66262.34(a)(3) & 66262.34(f)

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 11/20/2009 Violation Code: 6HV1009

HMBP: INADEQUATE SITE MAP Violation:

Violation Citation: Business Plan does not have a site map which provides sufficient or

complete information for emergency response agencies. HSC 25509(a)(5)

& 25505(a)(2)

Activity: ACTIVE

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 11/01/2005 Violation Code: 6HV0207

FIRE/EXPLOSION/RELEASE NOT MINIMIZED Violation:

Violation Citation: Facility not maintained &/operated to minimize possibility of fire,

explosion or release. CCR 66265.31

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/20/2004 Violation Code: 6HV3553

Violation: SWPP1: NO HOURLY LLD MONITORING

Violation Citation: SINGLE WALLED PRESSURIZED PIPING: OPTION 1-Hourly line leak detector

monitoring not performed. 25284.1(a)(4) (C); 2643(c)(1)

Activity: **ACTIVE**

100804 Facility Id: Update Date: 11/02/2012 Inspection Date: 04/27/2006 Violation Code: 6HV0202

Violation: WASTE CONTAINER W/O LABELS

Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation

date and/or are improperly labeled. CCR 66262.34(a)(2);

66262.34(a)(3) & 66262.34(f)

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/27/2006 Violation Code: 6HV3107

MONITORING PROCEDURES NOT AVAIL/TO HMD Violation:

Violation Citation: Monitoring procedures not available/complete/submitted to HMD 2632(b)&

(d), 2634(d), 2641(h), 2711(a)(9)

ACTIVE Activity:

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/27/2006

 Violation Code:
 6HV3110

Violation: NO ANNUAL CERT OF ATG AND SENSORS

Violation Citation: Annual certification for ATG and/or sensors not completed (existing

tank systems only). 2641(j), 2638

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 10/17/2011

 Violation Code:
 6HV3105

Violation: NO CURRENT FINANCIAL RESPONSIBILITY

Violation Citation: Current evidence of financial responsibility not available.

25292.2(a), 25299.33; 2809

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/20/2004

 Violation Code:
 6HV0143

Violation: TP NOTIFICATION INCOMPLETE/INCORRECT

Violation Citation: TIERED PERMITTING: TP Notification has incomplete or incorrect

information. 25201

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/20/2004

 Violation Code:
 6HV0202

Violation: WASTE CONTAINER W/O LABELS

Violation Citation: Hazardous waste containers &/or tanks are missing labels, accumulation

date and/or are improperly labeled. CCR 66262.34(a)(2);

66262.34(a)(3) & 66262.34(f)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/20/2004

 Violation Code:
 6HV1611

Violation: IMPROPER CLOSURE OF HW TANK UNIT

Violation Citation: Failed to properly complete and/or document closure for a hazardous

waste tank system. 67383.3 & 66265.197(a)&(b)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/20/2004

 Violation Code:
 6HV3301

Violation: CATH PROT:SYSTEM NOT CHECKED AS REQ

Violation Citation: System not checked as required by tester (at 6 months/3yrs.)

2635(a)(2)(A)

Activity: ACTIVE

Facility Id: 100804 Update Date: 11/02/2012

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SFPP, LP/KINDER MORGAN (Continued)

S103994117

Inspection Date: 04/20/2004 6HV3554 Violation Code:

SWPP1: MONTHLY ELLD NOT DONE Violation:

Violation Citation: SINGLE WALLED PRESSURIZED PIPING: OPTION 1:Monthly electronic line

leak detection not performed. 2643(c)(2)

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 11/20/2009 6HV0224 Violation Code:

MISMANAGED EMPTY CONTAINERS >5GALS. Violation:

Violation Citation: Failed to mark date on empty container larger than 5 gallons and/or

manage it within one year. 66261.7(e) & (f).

Activity: **ACTIVE**

100804 Facility Id: Update Date: 11/02/2012 Inspection Date: 04/27/2006 Violation Code: 6HV1009

HMBP: INADEQUATE SITE MAP Violation:

Violation Citation: Business Plan does not have a site map which provides sufficient or

complete information for emergency response agencies. HSC 25509(a)(5)

& 25505(a)(2)

ACTIVE Activity:

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/27/2006 Violation Code: 6HV1018

INVENTORY INCOMPLETE/NOT AMENDED Violation:

Violation Citation: Inventory not amended for 100% increase of hazardous material onsite

or inventory is incomplete. 25509, 25510

Activity: **ACTIVE**

100804 Facility Id: Update Date: 11/02/2012 Inspection Date: 04/27/2006 Violation Code: 6HV0201

WASTE CONTAINER NOT CLOSED Violation:

Violation Citation: Hazardous waste containers are not kept closed while in storage. CCR

66265.173(a)

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/27/2006 Violation Code: 6HV3105

NO CURRENT FINANCIAL RESPONSIBILITY Violation:

Violation Citation: Current evidence of financial responsibility not available.

25292.2(a), 25299.33; 2809

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/27/2006 Violation Code: 6HV3192

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Violation: NO D.O INSPECTION/INCOMPL;NO REPORTS

Violation Citation: Designated Operator monthly inspection not conducted or incomplete; or

DO inspection reports not onsite 2715 (c)(d)(e)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/20/2004

 Violation Code:
 6HV1605

Violation: NO DAILY TANK INSPECTION/LOG

Violation Citation: Failed to inspect and/or document daily HW tank system inspections.

66265.195 (c)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/20/2004

 Violation Code:
 6HV1006

Violation: HMBP: INVENTORY INADEQUATE

Violation Citation: Business Plan inventory does not list all hazardous materials on site

in disclosable quantities. HSC 25504(a),25503.5

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 09/20/2004

 Violation Code:
 6HV1603

Violation: NO 2ND CONTAINMENT FOR HW TANK

Violation Citation: Failed to provide proper secondary containment and/or leak detection

for Hazardous waste tank system. 66265.193(a)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/27/2006

 Violation Code:
 6HV3101

Violation: UPF PERMIT NOT CURRENT/ONSITE

Violation Citation: Current UPF permit not obtained/not available. 25284; 68.905, 68.1003,

68.1005

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/27/2006

 Violation Code:
 6HV3254

Violation: UST SYSTEM W/O APPROVED OVERFILL PROTECT

Violation Citation: UST system does not have an approved overfill protection system.

2635(b)(2)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/20/2004

 Violation Code:
 6HV1603

Violation: NO 2ND CONTAINMENT FOR HW TANK

Violation Citation: Failed to provide proper secondary containment and/or leak detection

for Hazardous waste tank system. 66265.193(a)

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/27/2006

 Violation Code:
 6HV3191

Violation: NO D.O. CERT/NOTIFICATION/CHANGE

Violation Citation: Designated Operator Notification/Change form not submitted and/or D.O.

not ICC certified. 2715 (a)(b)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/27/2006

 Violation Code:
 6HV3701

Violation: SWGP:PIPE INTEG NOT TESTED EVERY 2 YEARS

Violation Citation: SINGLE WALLED GRAVITY PIPING:Piping integrity test not performed every

2 years. 2643(e)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/20/2004

 Violation Code:
 6HV3254

Violation: UST SYSTEM W/O APPROVED OVERFILL PROTECT

Violation Citation: UST system does not have an approved overfill protection system.

2635(b)(2)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 09/20/2004

 Violation Code:
 6HV1601

Violation: HAZWASTE TANKS W/O P.E. ASSESSMENT

Violation Citation: Failed to obtain a P.E. assessment for hazardous waste tank system.

66265.191(a) or 66265.192(a)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 11/20/2009

 Violation Code:
 6HV0137

Violation: MANIFEST NOT COMPLETED PROPERLY

Violation Citation: Generator of hazardous waste has not completed the hazardous waste

manifest with all information required. CCR 66262.23(a)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/27/2006

 Violation Code:
 6HV1602

Violation: P.E. ASSESSMENT REPORT NOT COMPLETE

Violation Citation: Failed to provide adequate P.E. Assessment report for a HW tank

system. 66265.191(g) or 66265.192(k)

Activity: ACTIVE

Facility Id: 100804

Direction Distance

Elevation Site Database(s) EPA ID Number

SFPP, LP/KINDER MORGAN (Continued)

S103994117

EDR ID Number

Update Date: 11/02/2012 Inspection Date: 04/27/2006 Violation Code: 6HV3108

Violation: UST ER RESPONSE PLAN NOT COMPLETE/AVAIL

Violation Citation: Emergency Response Plan is not available/complete. 25289(b); 2632(b),

2634(e), 2641(h)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/27/2006

 Violation Code:
 6HV3265

Violation: SYS NOT RUN TO PREVENT SPILL/OVERFILL

Violation Citation: UST system not operated to prevent spills and/or overfills. 25292.1(a)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/20/2004

 Violation Code:
 6HV3302

Violation: IMPRESSED CURRENT TEST NOT DONE ON TIME

Violation Citation: CATHODIC PROTECTION: Impressed current system check not done every 60

days. 2635 (a)(2)(A)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 11/01/2005

 Violation Code:
 6HV0301

Violation: HAZWASTE:UNAUTHORIZED DISPOSAL

Violation Citation: Disposal or causing the disposal of hazardous waste to an unauthorized

point (ground, storm drain, sewer system, trash, or air). HSC

25189.5(a) or 25189(d)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/27/2006

 Violation Code:
 6HV1611

Violation: IMPROPER CLOSURE OF HW TANK UNIT

Violation Citation: Failed to properly complete and/or document closure for a hazardous

waste tank system. 67383.3 & 66265.197(a)&(b)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/27/2006

 Violation Code:
 6HV0402

Violation: TRAINING PROGRAM NOT ADEQUATE

Violation Citation: Personnel training is not adequate to ensure compliance with hazardous

waste regulations. CCR 66265.16(a)&(b)

Activity: ACTIVE

 Facility Id:
 100804

 Update Date:
 11/02/2012

 Inspection Date:
 04/27/2006

 Violation Code:
 6HV3193

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SFPP, LP/KINDER MORGAN (Continued)

S103994117

Violation: NO TRAINING/RECORD INCOMPLETE-NOT ONSITE

Violation Citation: Facility employee(s) are not trained, training records are incomplete,

and/or not onsite. 2715(f)

ACTIVE Activity:

100804 Facility Id: Update Date: 11/02/2012 Inspection Date: 04/27/2006 Violation Code: 6HV3269

Violation: UST SYSTEM NOT CONT. MONITORED W/VPH Violation Citation: UST system not continuously monitored using

Vacuum/Pressure/Hydrostatic (VPH) system (for tank installs on or

after 7/1/04). 25290.1 (d)&(e)

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/20/2004 Violation Code: 6HV1009

HMBP: INADEQUATE SITE MAP Violation:

Violation Citation: Business Plan does not have a site map which provides sufficient or

complete information for emergency response agencies. HSC 25509(a)(5)

& 25505(a)(2)

Activity: **ACTIVE**

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/20/2004 Violation Code: 6HV3701

SWGP:PIPE INTEG NOT TESTED EVERY 2 YEARS Violation:

SINGLE WALLED GRAVITY PIPING:Piping integrity test not performed every Violation Citation:

2 years. 2643(e)

ACTIVE Activity:

Facility Id: 100804 Update Date: 11/02/2012 Inspection Date: 04/27/2006 Violation Code: 6HV3104

FORMS A & B NOT AVAIL./SUBMITTED Violation:

Violation Citation: CUPA UST form(s) A and/or B not available/complete/submitted to HMD.

25286(a); 2711

ACTIVE Activity:

Facility Id: 128545 Business Type: 6HK78

EPA Id Number: CAD000603795 APN: 433-240-15-00 Last HMMD Inspection: 04/23/2003 Permit Status: INAC Permit Expiration: 08/31/2004

Facility Owner: **EQUILON ENTERPRISES LLC** Facility Address: 9966 SAN DIEGO MISSION RD.

Facility City: SAN DIEGO Facility State: CA 92108 Facility Zip: UST Owner: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SFPP, LP/KINDER MORGAN (Continued)

S103994117

Handle Regulated Hazmat:

Own Or Operate UST: Not reported Subject To APSA: Not reported

Generate Haz Waste:

Treat Haz Waste: Not reported Generate Medical Waste: Not reported

Violations Inactive Permits:

128545 Facility Id: Update Date: 11/02/2012 Inspection Date: 04/23/2003 6HV0301 Violation Code:

HAZWASTE:UNAUTHORIZED DISPOSAL Violation:

Violation Citation: Disposal or causing the disposal of hazardous waste to an unauthorized

point (ground, storm drain, sewer system, trash, or air). HSC

25189.5(a) or 25189(d)

Inactive Permit Activity:

> Click this hyperlink while viewing on your computer to access 1 additional CA_HMMD: record(s) in the EDR Site Report.

EMI:

2006 Year: County Code: 37 Air Basin: SD Facility ID: 1069 Air District Name: SD SIC Code: 5171

SAN DIEGO COUNTY APCD Air District Name:

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported Total Organic Hydrocarbon Gases Tons/Yr: 5.14 Reactive Organic Gases Tons/Yr: 5.14 Carbon Monoxide Emissions Tons/Yr: 0 NOX - Oxides of Nitrogen Tons/Yr: 0 SOX - Oxides of Sulphur Tons/Yr: 0

Particulate Matter Tons/Yr: 0 Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

MISSION VALLEY BULK FUEL TERMINAL

9950 SAN DIEGO MISSION ROAD **SAN DIEGO, CA 92108**

1546 ft. Site 5 of 6 in cluster F

NPDES S108405207 SLIC N/A **CHMIRS**

ENF HAZNET ENVIROSTOR

Relative:

F36

ΝE

1/4-1/2

0.293 mi.

NPDES: Higher

CAS000001 Npdes Number: Actual: Facility Status: Active 74 ft. Agency Id: Region: 9

Regulatory Measure Id: 436547 Order No: 97-03-DWQ Regulatory Measure Type: Enrollee Place Id: Not reported WDID: 9 371024188 Program Type: Industrial

Direction Distance Elevation

n Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

EDR ID Number

Adoption Date Of Regulatory Measure:

Effective Date Of Regulatory Measure:

Expiration Date Of Regulatory Measure:

Termination Date Of Regulatory Measure:

Discharge Name:

Not reported

Not reported

Not reported

SFPP LP

Discharge Address: 1100 Town and Country Rd

Discharge City: Orange Discharge State: California Discharge Zip: 92868 RECEIVED DATE: Not reported PROCESSED DATE: Not reported Not reported STATUS CODE NAME: STATUS DATE: Not reported PLACE SIZE: Not reported PLACE SIZE UNIT: Not reported **FACILITY CONTACT NAME:** Not reported **FACILITY CONTACT TITLE:** Not reported **FACILITY CONTACT PHONE:** Not reported FACILITY CONTACT PHONE EXT: Not reported **FACILITY CONTACT EMAIL:** Not reported **OPERATOR NAME:** Not reported Not reported **OPERATOR ADDRESS:** OPERATOR CITY: Not reported **OPERATOR STATE:** Not reported **OPERATOR ZIP:** Not reported **OPERATOR CONTACT NAME:** Not reported **OPERATOR CONTACT TITLE:** Not reported **OPERATOR CONTACT PHONE:** Not reported OPERATOR CONTACT PHONE EXT: Not reported OPERATOR CONTACT EMAIL: Not reported **OPERATOR TYPE:** Not reported **DEVELOPER NAME:** Not reported **DEVELOPER ADDRESS:** Not reported **DEVELOPER CITY:** Not reported **DEVELOPER STATE:** Not reported **DEVELOPER ZIP:** Not reported **DEVELOPER CONTACT NAME:** Not reported **DEVELOPER CONTACT TITLE:** Not reported CONSTYPE LINEAR UTILITY IND: Not reported **EMERGENCY PHONE NO:** Not reported **EMERGENCY PHONE EXT:** Not reported CONSTYPE ABOVE GROUND IND: Not reported CONSTYPE BELOW GROUND IND: Not reported CONSTYPE CABLE LINE IND: Not reported CONSTYPE COMM LINE IND: Not reported CONSTYPE COMMERTIAL IND: Not reported CONSTYPE ELECTRICAL LINE IND: Not reported CONSTYPE GAS LINE IND: Not reported CONSTYPE INDUSTRIAL IND: Not reported CONSTYPE OTHER DESRIPTION: Not reported CONSTYPE OTHER IND: Not reported CONSTYPE RECONS IND: Not reported CONSTYPE RESIDENTIAL IND: Not reported CONSTYPE TRANSPORT IND: Not reported CONSTYPE UTILITY DESCRIPTION: Not reported CONSTYPE UTILITY IND: Not reported CONSTYPE WATER SEWER IND: Not reported

Distance Elevation

ion Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

EDR ID Number

DIR DISCHARGE USWATER IND: Not reported RECEIVING WATER NAME: Not reported Not reported **CERTIFIER NAME: CERTIFIER TITLE:** Not reported **CERTIFICATION DATE:** Not reported PRIMARY SIC: Not reported Not reported SECONDARY SIC: **TERTIARY SIC:** Not reported

Npdes Number: Not reported Facility Status: Not reported Agency Id: Not reported

Region: Regulatory Measure Id: 218952 Order No: Not reported Industrial Regulatory Measure Type: Place Id: Not reported WDID: 9 371018788 Program Type: Not reported Adoption Date Of Regulatory Measure: Not reported Effective Date Of Regulatory Measure: Not reported Not reported **Expiration Date Of Regulatory Measure:** Not reported Termination Date Of Regulatory Measure: Discharge Name: Not reported Discharge Address: Not reported Discharge City: Not reported Discharge State: Not reported Discharge Zip: Not reported RECEIVED DATE: 05/09/2008 05/10/2004 PROCESSED DATE: STATUS CODE NAME: Active STATUS DATE: 05/10/2004

PLACE SIZE: 2
PLACE SIZE UNIT: 2
Acres

FACILITY CONTACT NAME: BOYD Anderson
FACILITY CONTACT TITLE: Not reported
FACILITY CONTACT PHONE: 6195841055
FACILITY CONTACT PHONE EXT: Not reported
FACILITY CONTACT EMAIL: Not reported

OPERATOR NAME: Coastal Transportation
OPERATOR ADDRESS: 1214 S 51st Ave

OPERATOR CITY: Phoenix **OPERATOR STATE:** Arizona 85043 OPERATOR ZIP: **OPERATOR CONTACT NAME: DAVE Huber OPERATOR CONTACT TITLE:** Not reported **OPERATOR CONTACT PHONE:** 713-784-1010 OPERATOR CONTACT PHONE EXT: Not reported OPERATOR CONTACT EMAIL: Not reported **Private Business OPERATOR TYPE: DEVELOPER NAME:** Not reported **DEVELOPER ADDRESS:** Not reported **DEVELOPER CITY:** Not reported **DEVELOPER STATE:** California **DEVELOPER ZIP:** Not reported **DEVELOPER CONTACT NAME:** Not reported **DEVELOPER CONTACT TITLE:** Not reported

Distance Elevation

Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

EDR ID Number

CONSTYPE LINEAR UTILITY IND: Not reported **EMERGENCY PHONE NO:** 619-584-1055 **EMERGENCY PHONE EXT:** Not reported CONSTYPE ABOVE GROUND IND: Not reported CONSTYPE BELOW GROUND IND: Not reported CONSTYPE CABLE LINE IND: Not reported Not reported CONSTYPE COMM LINE IND: CONSTYPE COMMERTIAL IND: Not reported CONSTYPE ELECTRICAL LINE IND: Not reported CONSTYPE GAS LINE IND: Not reported CONSTYPE INDUSTRIAL IND: Not reported CONSTYPE OTHER DESRIPTION: Not reported CONSTYPE OTHER IND: Not reported CONSTYPE RECONS IND: Not reported CONSTYPE RESIDENTIAL IND: Not reported CONSTYPE TRANSPORT IND: Not reported Not reported CONSTYPE UTILITY DESCRIPTION: CONSTYPE UTILITY IND: Not reported CONSTYPE WATER SEWER IND: Not reported DIR DISCHARGE USWATER IND: Not reported RECEIVING WATER NAME: San Diego Rv **CERTIFIER NAME:** Tom Braaten Vice President **CERTIFIER TITLE: CERTIFICATION DATE:** 04-MAY-04

PRIMARY SIC: 4212-Local Trucking Without Storage

CAS000001

SECONDARY SIC: Not reported TERTIARY SIC: Not reported

Npdes Number:

Facility Status: Active Agency Id: n Region: 9 Regulatory Measure Id: 218952 Order No: 97-03-DWQ Regulatory Measure Type: Enrollee Place Id: Not reported WDID: 9 371018788 Program Type: Industrial Adoption Date Of Regulatory Measure: Not reported Effective Date Of Regulatory Measure: 05/10/2004 Expiration Date Of Regulatory Measure: Not reported Termination Date Of Regulatory Measure: Not reported

Discharge Name: Coastal Transportation
Discharge Address: 1214 S 51st Ave

Discharge City: Phoenix Discharge State: Arizona Discharge Zip: 85043 RECEIVED DATE: Not reported PROCESSED DATE: Not reported Not reported STATUS CODE NAME: Not reported STATUS DATE: PLACE SIZE: Not reported PLACE SIZE UNIT: Not reported FACILITY CONTACT NAME: Not reported **FACILITY CONTACT TITLE:** Not reported **FACILITY CONTACT PHONE:** Not reported FACILITY CONTACT PHONE EXT: Not reported

Distance Elevation

Site Database(s) EPA ID Number

Not reported

Not reported

9 37I024188 Not reported

MISSION VALLEY BULK FUEL TERMINAL (Continued)

FACILITY CONTACT EMAIL:

S108405207

EDR ID Number

OPERATOR NAME: Not reported **OPERATOR ADDRESS:** Not reported **OPERATOR CITY:** Not reported **OPERATOR STATE:** Not reported **OPERATOR ZIP:** Not reported Not reported **OPERATOR CONTACT NAME:** Not reported **OPERATOR CONTACT TITLE: OPERATOR CONTACT PHONE:** Not reported OPERATOR CONTACT PHONE EXT: Not reported **OPERATOR CONTACT EMAIL:** Not reported **OPERATOR TYPE:** Not reported **DEVELOPER NAME:** Not reported **DEVELOPER ADDRESS:** Not reported **DEVELOPER CITY:** Not reported **DEVELOPER STATE:** Not reported **DEVELOPER ZIP:** Not reported **DEVELOPER CONTACT NAME:** Not reported **DEVELOPER CONTACT TITLE:** Not reported CONSTYPE LINEAR UTILITY IND: Not reported **EMERGENCY PHONE NO:** Not reported Not reported **EMERGENCY PHONE EXT:** CONSTYPE ABOVE GROUND IND: Not reported CONSTYPE BELOW GROUND IND: Not reported CONSTYPE CABLE LINE IND: Not reported CONSTYPE COMM LINE IND: Not reported CONSTYPE COMMERTIAL IND: Not reported CONSTYPE ELECTRICAL LINE IND: Not reported CONSTYPE GAS LINE IND: Not reported CONSTYPE INDUSTRIAL IND: Not reported CONSTYPE OTHER DESRIPTION: Not reported CONSTYPE OTHER IND: Not reported CONSTYPE RECONS IND: Not reported CONSTYPE RESIDENTIAL IND: Not reported CONSTYPE TRANSPORT IND: Not reported CONSTYPE UTILITY DESCRIPTION: Not reported CONSTYPE UTILITY IND: Not reported CONSTYPE WATER SEWER IND: Not reported DIR DISCHARGE USWATER IND: Not reported RECEIVING WATER NAME: Not reported **CERTIFIER NAME:** Not reported **CERTIFIER TITLE:** Not reported **CERTIFICATION DATE:** Not reported PRIMARY SIC: Not reported SECONDARY SIC: Not reported TERTIARY SIC: Not reported Npdes Number: Not reported Facility Status: Not reported Not reported Agency Id: Region: Regulatory Measure Id: 436547 Order No: Not reported Regulatory Measure Type: Industrial

Place Id:

Program Type:

WDID:

Distance Elevation

tion Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

EDR ID Number

Adoption Date Of Regulatory Measure: Not reported Effective Date Of Regulatory Measure: Not reported Expiration Date Of Regulatory Measure: Not reported Termination Date Of Regulatory Measure: Not reported Discharge Name: Not reported Discharge Address: Not reported Not reported Discharge City: Discharge State: Not reported Discharge Zip: Not reported RECEIVED DATE: 04/05/2013 PROCESSED DATE: 04/05/2013 Active STATUS CODE NAME: STATUS DATE: 04/05/2013 PLACE SIZE: 30.1 PLACE SIZE UNIT: Acres **FACILITY CONTACT NAME:** Frank Luera **FACILITY CONTACT TITLE:** Area Manager **FACILITY CONTACT PHONE:** 619-778-5215 FACILITY CONTACT PHONE EXT: Not reported

FACILITY CONTACT EMAIL: lueraf@kindermorgan.com

OPERATOR NAME: SFPP LP

OPERATOR ADDRESS: 1100 Town and Country Rd

OPERATOR CITY: Orange
OPERATOR STATE: California
OPERATOR ZIP: 92868

OPERATOR CONTACT NAME: Karina Hankins

OPERATOR CONTACT TITLE: Env Health and Safety Specialist

OPERATOR CONTACT PHONE: 714-560-4887
OPERATOR CONTACT PHONE EXT: Not reported

OPERATOR CONTACT EMAIL: hankinsk@kindermorgan.com

OPERATOR TYPE: Private Business DEVELOPER NAME: Not reported **DEVELOPER ADDRESS:** Not reported **DEVELOPER CITY:** Not reported **DEVELOPER STATE:** California **DEVELOPER ZIP:** Not reported **DEVELOPER CONTACT NAME:** Not reported **DEVELOPER CONTACT TITLE:** Not reported CONSTYPE LINEAR UTILITY IND: Not reported **EMERGENCY PHONE NO:** Not reported Not reported **EMERGENCY PHONE EXT:** CONSTYPE ABOVE GROUND IND: Not reported CONSTYPE BELOW GROUND IND: Not reported CONSTYPE CABLE LINE IND: Not reported CONSTYPE COMM LINE IND: Not reported CONSTYPE COMMERTIAL IND: Not reported CONSTYPE ELECTRICAL LINE IND: Not reported CONSTYPE GAS LINE IND: Not reported CONSTYPE INDUSTRIAL IND: Not reported CONSTYPE OTHER DESRIPTION: Not reported CONSTYPE OTHER IND: Not reported CONSTYPE RECONS IND: Not reported CONSTYPE RESIDENTIAL IND: Not reported CONSTYPE TRANSPORT IND: Not reported CONSTYPE UTILITY DESCRIPTION: Not reported CONSTYPE UTILITY IND: Not reported CONSTYPE WATER SEWER IND: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

EDR ID Number

DIR DISCHARGE USWATER IND:

RECEIVING WATER NAME: Murphy Canyon Creek
CERTIFIER NAME: Robert Granado
CERTIFIER TITLE: Director EHS
CERTIFICATION DATE: 31-MAR-15

PRIMARY SIC: 4226-Special Warehousing and Storage, NEC

SECONDARY SIC: Not reported TERTIARY SIC: Not reported

SLIC:

Region: STATE

Facility Status: Open - Remediation

 Status Date:
 05/14/2009

 Global Id:
 SL607392800

Lead Agency: SAN DIEGO RWQCB (REGION 9)

 Lead Agency Case Number:
 H21132-001

 Latitude:
 32.790821325

 Longitude:
 -117.114435

Case Type: Cleanup Program Site

Case Worker: SM

Local Agency: Not reported RB Case Number: 9UT542 File Location: Regional Board

Potential Media Affected: Other Groundwater (uses other than drinking water), Soil, Surface

water, Under Investigation

Potential Contaminants of Concern: Diesel, MTBE / TBA / Other Fuel Oxygenates, Gasoline, * Petroleum -

Automotive gasolines, * Petroleum - Diesel fuels

Site History: On January 17,2007 gasoline was released onto soil due to a failed

pump seal. Groundwater monitoring wells were installed on July 20, 2007. Volatile fuel hydrocarbons concentration in wellhead samples have declined in all wells since the beginning of initial mobile treatment system (MTS) activities. For more information see

Additional Remediation Report for Tank MV-18 Transfer Pump Release

dated May 13, 2008 under the Site Documents tab.

Click here to access the California GeoTracker records for this facility:

CHMIRS:

OES Incident Number: 05-5459 OES notification: 09/20/2005 OES Date: Not reported **OES Time:** Not reported Incident Date: Not reported Not reported **Date Completed:** Property Use: Not reported Agency Id Number: Not reported Agency Incident Number: Not reported Time Notified: Not reported Time Completed: Not reported Not reported Surrounding Area: **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

Distance

Elevation Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

EDR ID Number

Others Number Of Decontaminated: Not reported Not reported Others Number Of Injuries: Others Number Of Fatalities: Not reported Vehicle Make/year: Not reported Vehicle License Number: Not reported Not reported Vehicle State: Not reported Vehicle Id Number: 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: Not reported Spill Site: Not reported Contractor Cleanup By: Containment: Not reported What Happened: Not reported Type: Not reported Measure: Not reported Other: Not reported Date/Time: Not reported 2005 Year: Agency: Kinder Morgan Incident Date: 9/20/200512:00:00 AM

Admin Agency: 9/20/200512:00:00 AM

San Diego County Health Services Dept.

Amount: Not reported Contained: Yes Site Type: Other E Date: Not reported

Substance: Remediation Water and Carbon From a Carbon Vessel

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

Not reported Not reported #2 Pipeline: #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: Substance was released when the truck was overfilled. Carbon

substance released into a pattern of about 8Ft X 8Ft.

OES Incident Number: 11-3540
OES notification: 06/13/2011
OES Date: Not reported
OES Time: Not reported
Incident Date: Not reported
Date Completed: Not reported

Distance Elevation

ation Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

EDR ID Number

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 Not reported **Estimated Temperature: 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 Not reported Company Name: Reporting Officer Name/ID: Not reported Not reported Report Date: Facility Telephone: Not reported Waterway Involved: No Waterway: Not reported Spill Site: Other Cleanup By: Contractor Containment: Not reported What Happened: Not reported Type: Not reported Measure: Gal(s) Not reported Other: Date/Time: 1615 2011 Year:

Agency: San Diego Gas and Electric

Incident Date: 6/13/2011

Admin Agency: San Diego County Health Services Department

Not reported

Amount: Not reported Contained: Yes

Site Type: Not reported E Date: Not reported Substance: Mineral Oil Quantity Released: 2

Unknown: Not reported Substance #2: Not reported Substance #3: Not reported Evacuations: Not reported Number of Injuries: Not reported Not reported Number of Fatalities: #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:

Direction Distance Flevation

Elevation Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

OES Incident Number:

OES notification:

S108405207

EDR ID Number

Injuries: Not reported Fatals: Not reported Comments: Not reported

Description: The caller is reporting a small leak in a transformer.

'10-2288

04/10/2010

OES Date: Not reported **OES Time:** Not reported Incident Date: Not reported **Date Completed:** Not reported Not reported Property Use: 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 Not reported Responding Agency Personel # Of Fatalities: 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 Not reported Vehicle Id Number: 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

Not reported Waterway: Spill Site: Other Cleanup By: Contractor Containment: Not reported What Happened: Not reported Not reported Type: Measure: Gal(s) Other: Not reported Date/Time: 1743 2010 Year:

Agency: Kinder Morgan Incident Date: 4/10/2010

Admin Agency: San Diego County Health Services Department

Amount: Not reported Contained: Yes Site Type: Not reported E Date: Not reported

Substance: Ground water with possible hydrocarbons

Quantity Released: 40

Unknown: Not reported Substance #2: Not reported

MAP FINDINGS Map ID Direction

Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

Substance #3: Not reported Not reported Evacuations: Number of Injuries: Not reported Number of Fatalities: Not reported #1 Pipeline: Not reported Not reported #2 Pipeline: Not reported #3 Pipeline: #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 conveyance line apparently ruptured causing the product to spill

into the soil. Clean up is underway.

OES Incident Number: '10-2274 OES notification: 04/09/2010 OES Date: Not reported **OES Time:** Not reported Incident Date: Not reported Not reported Date Completed: Property Use: Not reported Agency Id Number: Not reported Not reported Agency Incident Number: 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 Not reported Vehicle State: 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: Waterway: Not reported

Spill Site: Other

Cleanup By: Responsible Party Containment: Not reported What Happened: Not reported Type: Not reported Measure: Gal(s) Other: Not reported Date/Time: 1620

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

Year: 2010

Agency: Kinder Morgan Incident Date: 4/9/2010

Admin Agency: San Diego County Health Services Department

Amount: Not reported Contained: Yes

Site Type: Not reported E Date: Not reported Substance: **Ground Water**

Quantity Released: 40

Unknown: Not reported Not reported Substance #2: Not reported Substance #3: 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: Conveyance piping malfunctioned, at a fuel terminal.

ENF:

9 Region: Facility Id: 240986 Agency Name: Not reported Place Type: Service/Commercial

Place Subtype: Service/Commercial Site, NEC

All other facilities Facility Type: Agency Type: Not reported # Of Agencies: Not reported Place Latitude: 32.786408 Place Longitude: -117.115189 SIC Code 1: 5171

SIC Desc 1: Petroleum Bulk Stations and Terminals

SIC Code 2:

SIC Desc 2: Gasoline Service Stations

SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places:

Source Of Facility: **Enf Action** Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported

Distance EDR ID Number
Elevation Site EDR ID Number
Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported Program Category2: TANKS # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Reg Measure Type: Not reported Region: Not reported Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Not reported Status: Status Date: Not reported Effective Date: Not reported Expiration/Review Date: Not reported Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported Status Enrollee: Not reported Individual/General: Not reported Fee Code: Not reported Not reported Direction/Voice: 235286 Enforcement Id(EID): Region: Order / Resolution Number: UNKNOWN Enforcement Action Type:

Enforcement Action Type:

Enforcement Action Type:

Effective Date:

Adoption/Issuance Date:

Achieve Date:

ACL Issuance Date:

PL Issuance Date:

Status:

Notreported

Not reported

Not reported

Not reported

Not reported

Not reported

Historical

Title: Enforcement - 9 000054N91

Description: NOV 2000-157 for nonsubmittal of time schedule and

technical report.

Program: SLIC

Latest Milestone Completion Date: Not reported

Of Programs1:

Of Programs 1.

Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability \$ Amount: 0.00
Project \$ Amount: 0.00
Liability \$ Paid: 0.00

Distance

Elevation Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

EDR ID Number

Project \$ Completed: 0.00
Total \$ Paid/Completed Amount: 0.00

Region: 9
Facility Id: 240986
Agency Name: Not reported
Place Type: Service/Commercial

Place Subtype: Service/Commercial Site, NEC

Facility Type:
All other facilities
Agency Type:
Who f Agencies:
Place Latitude:
Place Longitude:
SIC Code 1:
All other facilities
Not reported
32.786408
-117.115189
5171

SIC Desc 1: Petroleum Bulk Stations and Terminals

Not reported

SIC Code 2: 5541

SIC Desc 2: Gasoline Service Stations

SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported # Of Places:

Source Of Facility: Enf Action Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported Program Category2: **TANKS** # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Reg Measure Type: Not reported Region: Not reported

Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Not reported Application Fee Amt Received: Status: Not reported Not reported Status Date: Effective Date: Not reported Expiration/Review Date: Not reported Not reported Termination Date: WDR Review - Amend: Not reported

Order #:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

WDR Review - Revise/Renew: Not reported Not reported WDR Review - Rescind: WDR Review - No Action Required: Not reported Not reported WDR Review - Pending: WDR Review - Planned: Not reported Not reported Status Enrollee: Not reported Individual/General: Fee Code: Not reported Not reported Direction/Voice: Enforcement Id(EID): 235095 Region:

Order / Resolution Number: UNKNOWN 13267 Letter Enforcement Action Type: Effective Date: 07/17/2000 Adoption/Issuance Date: Not reported Achieve Date: 2/26/2001 **Termination Date:** Not reported ACL Issuance Date: Not reported **EPL Issuance Date:** Not reported Status: Historical

Enforcement - 9 000054N91 Title:

Description: Milestone entered. Additional offisite delineation beyond

the QualCom Stadium. MTBE has shown in deeper aguifer and

not in near surface aquifer.

Program: SLIC 2/26/2001 Latest Milestone Completion Date: # Of Programs1: **Total Assessment Amount:** 0.00

Initial Assessed Amount: 0.00 Liability \$ Amount: 0.00 Project \$ Amount: 0.00 Liability \$ Paid: 0.00 Project \$ Completed: 0.00 Total \$ Paid/Completed Amount: 0.00

9 Region: Facility Id: 240986 Agency Name: Not reported Service/Commercial Place Type:

Service/Commercial Site, NEC Place Subtype:

Facility Type: All other facilities Agency Type: Not reported # Of Agencies: Not reported 32.786408 Place Latitude: Place Longitude: -117.115189 SIC Code 1: 5171

SIC Desc 1: Petroleum Bulk Stations and Terminals

SIC Code 2: 5541

SIC Desc 2: Gasoline Service Stations

SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Direction Distance Elevation

on Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

EDR ID Number

Of Places: Source Of Facility: **Enf Action** Not reported Design Flow: Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Not reported Facility Waste Type: Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported TANKS Program Category2: # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Reg Measure Type: Not reported Region: Not reported Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Status: Not reported Status Date: Not reported Effective Date: Not reported Expiration/Review Date: Not reported Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported Not reported WDR Review - No Action Required: Not reported WDR Review - Pending: WDR Review - Planned: Not reported Status Enrollee: Not reported Individual/General: Not reported Fee Code: Not reported Direction/Voice: Not reported Enforcement Id(EID): 235094 Region: Order / Resolution Number: UNKNOWN Enforcement Action Type: 13267 Letter 06/05/2000 Effective Date:

Order / Resolution Number:

UNKNOWN
Enforcement Action Type:

13267 Letter
Effective Date:

06/05/2000
Adoption/Issuance Date:

Achieve Date:

Achieve Date:

ACL Issuance Date:

Not reported
ACL Issuance Date:

Not reported
EPL Issuance Date:

Not reported
Status:

UNKNOWN

13267 Letter
132

Title: Enforcement - 9 000054N91

Description: This is directed specifically to Texaco Mission Valley
Terminal to investigate the integrity of the fuel lines

from Kinder-Morgan manafold to Texaco Terminal, under

Friars Road.

Direction Distance

Elevation Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

EDR ID Number

Program: SLIC 6/21/2000 Latest Milestone Completion Date: # Of Programs1: 1 **Total Assessment Amount:** 0.00 Initial Assessed Amount: 0.00 Liability \$ Amount: 0.00 Project \$ Amount: 0.00 Liability \$ Paid: 0.00 Project \$ Completed: 0.00 Total \$ Paid/Completed Amount: 0.00

 Region:
 9

 Facility Id:
 240986

 Agency Name:
 Not reported

 Place Type:
 Service/Commercial

Place Subtype: Service/Commercial Site, NEC

Facility Type:
All other facilities
Agency Type:
Wot reported
Flace Latitude:
Place Longitude:
All other facilities
Not reported
32.786408
-117.115189

SIC Code 1: 5171

SIC Desc 1: Petroleum Bulk Stations and Terminals

SIC Code 2: 5541

SIC Desc 2: Gasoline Service Stations

SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported Not reported NAICS Desc 2: NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places:

Source Of Facility: **Enf Action** Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Not reported Program: Program Category1: Not reported Program Category2: TANKS # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Reg Measure Type: Not reported Not reported Region: Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported

MAP FINDINGS Map ID Direction

Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

301H: Not reported Application Fee Amt Received: Not reported Status: Not reported Status Date: Not reported Effective Date: Not reported Expiration/Review Date: Not reported Not reported Termination Date: WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported Status Enrollee: Not reported Individual/General: Not reported Fee Code: Not reported Not reported Direction/Voice: 235006 Enforcement Id(EID): Region:

Order / Resolution Number: UNKNOWN Enforcement Action Type: 13267 Letter Effective Date: 09/06/2000 Adoption/Issuance Date: Not reported Achieve Date: 10/30/2000 Termination Date: Not reported ACL Issuance Date: Not reported EPL Issuance Date: Not reported Status: Historical

Title: Enforcement - 9 000054N91

Description: Submit a report evaluating the condition of the pipeline

cross-over and surrounding soil.

Program: SLIC Latest Milestone Completion Date: 10/30/2000

Of Programs1: **Total Assessment Amount:** 0.00 Initial Assessed Amount: 0.00 0.00 Liability \$ Amount: Project \$ Amount: 0.00 Liability \$ Paid: 0.00 Project \$ Completed: 0.00 Total \$ Paid/Completed Amount: 0.00

Region: 9 Facility Id: 240986 Agency Name: Not reported Service/Commercial Place Type:

Place Subtype: Service/Commercial Site, NEC

Facility Type: All other facilities Agency Type: Not reported # Of Agencies: Not reported 32.786408 Place Latitude: Place Longitude: -117.115189 SIC Code 1:

SIC Desc 1: Petroleum Bulk Stations and Terminals

SIC Code 2: 5541

SIC Desc 2: Gasoline Service Stations

SIC Code 3: Not reported

Distance Elevation

Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

EDR ID Number

SIC Desc 3:

Not reported

NAICS Code 1:

NAICS Desc 1:

Not reported

NAICS Code 2:

Not reported

NAICS Desc 2:

Not reported

The second of the second of

Source Of Facility: **Enf Action** Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported **TANKS** Program Category2: # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Reg Measure Type: Not reported Region: Not reported Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Status: Not reported Not reported Status Date: Not reported Effective Date: Expiration/Review Date: Not reported Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported Not reported WDR Review - Rescind: WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported Not reported Status Enrollee: Individual/General: Not reported Fee Code: Not reported Direction/Voice: Not reported Enforcement Id(EID): 234221 Region:

Order / Resolution Number:
UNKNOWN
Enforcement Action Type:
13267 Letter
Effective Date:
O4/17/2000
Adoption/Issuance Date:
Achieve Date:
O6/14/2000
Termination Date:
Not reported
ACL Issuance Date:
Not reported
Not reported

Distance

Elevation Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

EDR ID Number

EPL Issuance Date: Not reported Status: Historical

Title: Enforcement - 9 000054N91

Description: Request for further delineation of MTBE along SD River and

down Mission Valley.

Program: SLIC
Latest Milestone Completion Date: 6/14/2000

Of Programs1: 1
Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability \$ Amount: 0.00
Project \$ Amount: 0.00
Liability \$ Paid: 0.00
Project \$ Completed: 0.00
Total \$ Paid/Completed Amount: 0.00

Region: 9
Facility Id: 240986
Agency Name: Not reported
Place Type: Service/Commercial

Place Subtype: Service/Commercial Site, NEC

Facility Type: All other facilities
Agency Type: Not reported
Of Agencies: Not reported
Place Latitude: 32.786408
Place Longitude: -117.115189

SIC Code 1: 5171

SIC Desc 1: Petroleum Bulk Stations and Terminals

Not reported

SIC Code 2: 5541

SIC Desc 2: Gasoline Service Stations

SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places: 1

Order #:

Source Of Facility: **Enf Action** Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Not reported Pretreatment: Not reported Facility Waste Type: Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported **TANKS** Program Category2: # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Reg Measure Type: Not reported Not reported Region:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

Npdes# CA#: Not reported Not reported Major-Minor: Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Not reported Status: Status Date: Not reported Effective Date: Not reported Expiration/Review Date: Not reported Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported Not reported WDR Review - No Action Required: WDR Review - Pending: Not reported WDR Review - Planned: Not reported Status Enrollee: Not reported Individual/General: Not reported Fee Code: Not reported Direction/Voice: Not reported Enforcement Id(EID): 233241 Region: UNKNOWN Order / Resolution Number: Enforcement Action Type: 13267 Letter Effective Date: 08/27/1999 Adoption/Issuance Date: Not reported 11/1/1999 Achieve Date: Not reported Termination Date: ACL Issuance Date: Not reported **EPL Issuance Date:** Not reported

Title: Enforcement - 9 000054N91

Description: Revised Corrective Action Plan for re-evaluation of of-site

Historical

migration of relaese.

SLIC Program: Latest Milestone Completion Date: 11/1/1999 # Of Programs1: Total Assessment Amount: 0.00 Initial Assessed Amount: 0.00 Liability \$ Amount: 0.00 Project \$ Amount: 0.00 Liability \$ Paid: 0.00 Project \$ Completed: 0.00 Total \$ Paid/Completed Amount: 0.00

Status:

Region: Facility Id: 240986 Agency Name: Not reported Place Type: Service/Commercial

Place Subtype: Service/Commercial Site, NEC

Facility Type: All other facilities Agency Type: Not reported # Of Agencies: Not reported Place Latitude: 32.786408 Place Longitude: -117.115189

MAP FINDINGS Map ID Direction

Distance

Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

EDR ID Number

SIC Code 1: 5171

SIC Desc 1: Petroleum Bulk Stations and Terminals

SIC Code 2: 5541

SIC Desc 2: Gasoline Service Stations

SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places: Source Of Facility: **Enf Action** Design Flow: Not reported Threat To Water Quality: Not reported Not reported Complexity: Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported TANKS Program Category2: # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Reg Measure Type: Not reported Not reported Region: Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Not reported Reclamation: Not reported Dredge Fill Fee:

Status Date: Not reported Effective Date: Not reported Expiration/Review Date: Not reported Termination Date: Not reported Not reported WDR Review - Amend: WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported Status Enrollee: Not reported Individual/General: Not reported Fee Code: Not reported Not reported Direction/Voice: Enforcement Id(EID): 233207

Not reported

Not reported

Not reported

301H:

Status:

Application Fee Amt Received:

Region: Order / Resolution Number: UNKNOWN Enforcement Action Type: 13267 Letter

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

Effective Date: 08/27/1999 Adoption/Issuance Date: Not reported Achieve Date: 11/1/1999 Termination Date: Not reported ACL Issuance Date: Not reported Not reported **EPL Issuance Date:** Status: Historical

Title: Enforcement - 9 000054N91

The original CAP from early 1990's has become outdated and Description:

additional release(s) have compounded the problem. The

Program: SLIC 11/1/1999 Latest Milestone Completion Date: # Of Programs1: **Total Assessment Amount:** 0.00

Initial Assessed Amount: 0.00 Liability \$ Amount: 0.00 Project \$ Amount: 0.00 Liability \$ Paid: 0.00 Project \$ Completed: 0.00 Total \$ Paid/Completed Amount: 0.00

Region: 9 Facility Id: 240986 Agency Name: Not reported Service/Commercial Place Type:

Place Subtype: Service/Commercial Site, NEC

Facility Type: All other facilities Agency Type: Not reported # Of Agencies: Not reported Place Latitude: 32.786408 -117.115189 Place Longitude: SIC Code 1: 5171

SIC Desc 1: Petroleum Bulk Stations and Terminals

SIC Code 2: 5541

SIC Desc 2: Gasoline Service Stations

SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places:

Source Of Facility: **Enf Action** Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported Program Category2: **TANKS** # Of Programs: Not reported

Direction Distance

Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

EDR ID Number

WDID: Not reported Not reported Reg Measure Id: Not reported Reg Measure Type: Region: Not reported Order #: Not reported Npdes# CA#: Not reported Not reported Major-Minor: Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Status: Not reported Status Date: Not reported Effective Date: Not reported Expiration/Review Date: Not reported Not reported Termination Date: WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported Not reported WDR Review - Planned: Status Enrollee: Not reported Individual/General: Not reported Fee Code: Not reported Direction/Voice: Not reported Enforcement Id(EID): 221311 Region:

Order / Resolution Number: R9-1992-0001

Enforcement Action Type: Clean-up and Abatement Order

Effective Date: 01/03/1992 Adoption/Issuance Date: Not reported Achieve Date: Not reported Not reported Termination Date: Not reported ACL Issuance Date: Not reported **EPL Issuance Date:** Status: Historical

Enforcement - 9 000054N91 Title:

PETROLEUM RELEASE, RB LEAD, ASSOCIATES WITH ABOVEGROUND Description:

STORAGE TANKS/PIPING

Program: SLIC Latest Milestone Completion Date: Not reported

Of Programs1: Total Assessment Amount: 0.00 Initial Assessed Amount: 0.00 Liability \$ Amount: 0.00 Project \$ Amount: 0.00 Liability \$ Paid: 0.00 Project \$ Completed: 0.00 Total \$ Paid/Completed Amount: 0.00

9 Region: Facility Id: 240986 Agency Name: Not reported Place Type: Service/Commercial

Place Subtype: Service/Commercial Site, NEC

Direction Distance Elevation

ation Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

EDR ID Number

Facility Type:
All other facilities
Agency Type:
Wot reported
Flace Latitude:
Place Longitude:
SIC Code 1:
All other facilities
Not reported
32.786408
-117.115189
5171

SIC Desc 1: Petroleum Bulk Stations and Terminals

SIC Code 2: 5541

SIC Desc 2: Gasoline Service Stations

SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places:

Source Of Facility: **Enf Action** Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Not reported Pretreatment: Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported Program Category2: **TANKS** # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Reg Measure Type: Not reported Not reported Region: Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Not reported Status: Not reported Status Date: Effective Date: Not reported Expiration/Review Date: Not reported Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported Not reported WDR Review - Pending: WDR Review - Planned: Not reported

Not reported

Not reported

Not reported

Status Enrollee:

Fee Code:

Individual/General:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

Direction/Voice: Not reported 327187 Enforcement Id(EID): Region: 9

Order / Resolution Number: R9-2006-0159 **Enforcement Action Type:** Notice of Violation Effective Date: 12/05/2006 Not reported Adoption/Issuance Date: Achieve Date: Not reported Termination Date: 12/05/2006 ACL Issuance Date: Not reported EPL Issuance Date: Not reported Status: Historical

NOV R9-2006-0159 Title:

Description: Failure to report releases of hydrocarbon waste in

accordance with 92-01-A5 Directive 11.

Program: UST

Latest Milestone Completion Date: Not reported

Of Programs1: **Total Assessment Amount:** 0.00 0.00 Initial Assessed Amount: Liability \$ Amount: 0.00 Project \$ Amount: 0.00 Liability \$ Paid: 0.00 Project \$ Completed: 0.00 Total \$ Paid/Completed Amount: 0.00

Region: Facility Id: 256743

Agency Name: Shell Oil Company - Anaheim

Facility Place Type: Place Subtype: Not reported Facility Type: All other facilities

Agency Type: Privately-Owned Business

Of Agencies:

Place Latitude: Not reported Place Longitude: Not reported SIC Code 1: 5171

SIC Desc 1: Petroleum Bulk Stations and Terminals

SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported Not reported NAICS Desc 1: NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported # Of Places: Source Of Facility: Reg Meas Design Flow: Not reported

Threat To Water Quality: Not reported Not reported Complexity: Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported

Distance

Elevation Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

EDR ID Number

Facility Waste Type 4: Not reported Program: AGT Program Category1: TANKS Program Category2: TANKS # Of Programs: 1

 WDID:
 9 000055N91

 Reg Measure Id:
 161473

 Reg Measure Type:
 Unregulated

 Region:
 9

Order #: Not reported Npdes# CA#: Not reported Not reported Major-Minor: Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported **Never Active** Status: Status Date: 02/20/2013 Effective Date: Not reported Expiration/Review Date: Not reported Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported Not reported WDR Review - Rescind: WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported

Status Enrollee: N Individual/General: I

Fee Code:

Direction/Voice:

Enforcement Id(EID):

Region:

Order / Resolution Number:

Not reported
Passive
221310
99
07der / Resolution Number:
92-001

Enforcement Action Type: Clean-up and Abatement Order

Effective Date: 01/03/1992
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical

Title: Enforcement - 9 000055N91

Description: PETROLEUM RELEASE, RB LEAD, ASSOC W/ABOVEGROUND TANK/PIPING. SEE 9 000054N91 FOR ADDENDUM 1 INFO.

Program: AGT

Latest Milestone Completion Date: Not reported

Of Programs1:

Total Assessment Amount:

0.00
Initial Assessed Amount:

0.00
Liability \$ Amount:

0.00
Project \$ Amount:

0.00
Liability \$ Paid:

0.00
Project \$ Completed:

0.00
Total \$ Paid/Completed Amount:

0.00

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

Region: Facility Id: 240987

Agency Name: Powerine Petroleum

Place Type: Facility Place Subtype: Not reported Facility Type: All other facilities

Agency Type: Privately-Owned Business

Of Agencies:

Place Latitude: 32.786408 Place Longitude: -117.115189 SIC Code 1: 5171

SIC Desc 1: Petroleum Bulk Stations and Terminals

SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported # Of Places:

Source Of Facility: Reg Meas Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: **AGT TANKS** Program Category1: **TANKS** Program Category2:

Of Programs: WDID: 9 000057N91 Reg Measure Id: 160998 Reg Measure Type: Unregulated

Region:

Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Status: **Never Active** Status Date: 02/20/2013 Effective Date: Not reported Expiration/Review Date: Not reported Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported Not reported WDR Review - Rescind: WDR Review - No Action Required: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

EDR ID Number

WDR Review - Pending: Not reported WDR Review - Planned: Not reported

Status Enrollee: N Individual/General: I

Fee Code:

Direction/Voice:

Enforcement Id(EID):

Region:

Order / Resolution Number:

Not reported
Passive
220963

9
92-001

Enforcement Action Type: Clean-up and Abatement Order

Effective Date: 01/03/1992
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical

Title: Enforcement - 9 000057N91

Description: PETROLEUM RELEASE, RB LEAD, ASSOC W/ABOVEGROUND

TANK/PIPING. SEE 9 000054N91 FOR ADDENDUM 1 INFO.

Program: AGT

Latest Milestone Completion Date: Not reported

Of Programs1: 1

Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability \$ Amount: 0.00

Project \$ Amount: 0.00
Liability \$ Paid: 0.00

Project \$ Completed: 0.00

Total \$ Paid/Completed Amount: 0.00

Region: 9 Facility ld: 241070

Agency Name: Mobil Oil Corporation Burbank

Place Type: Facility
Place Subtype: Not reported
Facility Type: All other facilities

Agency Type: Privately-Owned Business

Of Agencies:

 Place Latitude:
 32.786408

 Place Longitude:
 -117.115189

 SIC Code 1:
 5171

SIC Desc 1: Petroleum Bulk Stations and Terminals

SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places: 1

Source Of Facility: Reg Meas
Design Flow: Not reported
Threat To Water Quality: Not reported

Direction Distance Elevation

tance EDR ID Number vation Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

Complexity: Not reported Not reported Pretreatment: Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: **AGT TANKS** Program Category1: Program Category2: **TANKS** # Of Programs:

WDID: 9 000056N91
Reg Measure Id: 161008
Reg Measure Type: Unregulated

Region: 9

Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported **Never Active** Status: Status Date: 02/20/2013 Effective Date: Not reported Expiration/Review Date: Not reported Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported

Status Enrollee: N Individual/General: I

Fee Code:
Direction/Voice:
Enforcement Id(EID):
Region:
Order / Resolution Number:
Not reported
Passive
221082
9907der / Resolution Number:
92-001

Enforcement Action Type: Clean-up and Abatement Order

Effective Date: 01/03/1992
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical

Title: Enforcement - 9 000056N91

Description: PETROLEUM RELEASE, RB LEAD, ASSOC W/ABOVEGROUND TANK/PIPING. SEE 9 000054N91 FOR ADDENDUM 1 INFO.

Program: AGT

Latest Milestone Completion Date: Not reported

Of Programs1: 1
Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability \$ Amount: 0.00

Direction Distance Elevation

nce EDR ID Number ation Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

Project \$ Amount: 0.00
Liability \$ Paid: 0.00
Project \$ Completed: 0.00
Total \$ Paid/Completed Amount: 0.00

 Region:
 9

 Facility Id:
 240986

 Agency Name:
 Not reported

 Place Type:
 Service/Commercial

Place Subtype: Service/Commercial Site, NEC

Facility Type:
All other facilities
Agency Type:
Wot reported
Flace Latitude:
Place Longitude:
SIC Code 1:
All other facilities
Not reported
32.786408
-117.115189
5171

SIC Desc 1: Petroleum Bulk Stations and Terminals

SIC Code 2: 5541

SIC Desc 2: Gasoline Service Stations

SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places:

Source Of Facility: Enf Action Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported Program Category2: **TANKS** # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Not reported Reg Measure Type: Not reported Region: Order #: Not reported

Dredge Fill Fee:

301H:

Application Fee Amt Received:

Status:

Not reported

Not reported

Not reported

Status:

Not reported

Status Date:

Not reported

Effective Date:

Not reported

Not reported

Not reported

Not reported

Expiration/Review Date:

Not reported

Not reported

Not reported

Not reported

Not reported

Npdes# CA#:

Major-Minor:

Npdes Type:

Reclamation:

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

Termination Date: Not reported Not reported WDR Review - Amend: WDR Review - Revise/Renew: Not reported Not reported WDR Review - Rescind: WDR Review - No Action Required: Not reported Not reported WDR Review - Pending: WDR Review - Planned: Not reported Status Enrollee: Not reported Individual/General: Not reported Fee Code: Not reported Direction/Voice: Not reported Enforcement Id(EID): 247537 Region:

Order / Resolution Number: R9-1992-0001-A02

Enforcement Action Type: Clean-up and Abatement Order

Effective Date: 08/27/1999 Adoption/Issuance Date: Not reported Achieve Date: Not reported Termination Date: Not reported ACL Issuance Date: Not reported EPL Issuance Date: Not reported Status: Historical

Enforcement - 9 000054N91 Title:

Description: Addendum No. 2 to CAO R9-1992-0001 adding additional RPs to

Order and name changes.

Program: SLIC

Latest Milestone Completion Date: Not reported

Of Programs1: 0.00 **Total Assessment Amount:** Initial Assessed Amount: 0.00 Liability \$ Amount: 0.00 Project \$ Amount: 0.00 Liability \$ Paid: 0.00 Project \$ Completed: 0.00 Total \$ Paid/Completed Amount: 0.00

Region: Facility Id: 240986 Agency Name: Not reported Place Type: Service/Commercial

Place Subtype: Service/Commercial Site, NEC

Facility Type: All other facilities Agency Type: Not reported Not reported # Of Agencies: Place Latitude: 32.786408 Place Longitude: -117.115189

SIC Code 1: 5171

SIC Desc 1: Petroleum Bulk Stations and Terminals

SIC Code 2: 5541

SIC Desc 2: Gasoline Service Stations

SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported

Distance Elevation Site

Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

EDR ID Number

NAICS Desc 3: Not reported # Of Places: Source Of Facility: **Enf Action** Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Not reported Pretreatment: Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported Program Category2: **TANKS** # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Reg Measure Type: Not reported Region: Not reported Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Status: Not reported Status Date: Not reported Effective Date: Not reported Expiration/Review Date: Not reported **Termination Date:** Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported WDR Review - Pending: WDR Review - Planned: Not reported Status Enrollee: Not reported Individual/General: Not reported Fee Code: Not reported Direction/Voice: Not reported Enforcement Id(EID): 247507

Region: 9

Order / Resolution Number: R9-1992-0001-A01

Enforcement Action Type: Clean-up and Abatement Order

Effective Date: 09/06/1994
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical

Title: Enforcement - 9 000054N91

Description: Mission Valley Terminal CAO No. R9-1992-0001 addendum No. 1

to extend final cleanup date. Compliance by 01 January 1999.

Not reported

MAP FINDINGS Map ID Direction

Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY BULK FUEL TERMINAL (Continued)

Total \$ Paid/Completed Amount:

S108405207

Program: SLIC Latest Milestone Completion Date: Not reported # Of Programs1: 1 Total Assessment Amount: 0.00 Initial Assessed Amount: 0.00 Liability \$ Amount: 0.00 Project \$ Amount: 0.00 Liability \$ Paid: 0.00 Project \$ Completed: 0.00

9 Region: Facility Id: 240986 Agency Name: Not reported Service/Commercial Place Type:

Place Subtype: Service/Commercial Site, NEC

Facility Type: All other facilities Agency Type: Not reported # Of Agencies: Not reported Place Latitude: 32.786408 Place Longitude: -117.115189

SIC Code 1: 5171

SIC Desc 1: Petroleum Bulk Stations and Terminals

0.00

SIC Code 2: 5541

SIC Desc 2: Gasoline Service Stations

SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported Not reported NAICS Desc 2: NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places:

Source Of Facility: **Enf Action** Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Not reported Program: Program Category1: Not reported Program Category2: TANKS # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Reg Measure Type: Not reported Not reported Region: Order #: Not reported Not reported Npdes# CA#: Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

301H: Not reported Application Fee Amt Received: Not reported Status: Not reported Status Date: Not reported Effective Date: Not reported Expiration/Review Date: Not reported Not reported Termination Date: WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported Status Enrollee: Not reported Individual/General: Not reported Fee Code: Not reported Not reported Direction/Voice: 239905 Enforcement Id(EID): Region:

Order / Resolution Number: R9-1992-0001-A4

Enforcement Action Type: Clean-up and Abatement Order

Effective Date: 03/20/2002 Adoption/Issuance Date: Not reported Achieve Date: Not reported Termination Date: Not reported

Not reported ACL Issuance Date: EPL Issuance Date: Not reported Status: Historical

Title: Enforcement - 9 000054N91

Description: Addendum issued to rescind 1/1/99 final cleanup date

Program: SLIC Latest Milestone Completion Date: Not reported

Of Programs1: **Total Assessment Amount:** 0.00 0.00 Initial Assessed Amount: 0.00 Liability \$ Amount: Project \$ Amount: 0.00 Liability \$ Paid: 0.00 Project \$ Completed: 0.00 Total \$ Paid/Completed Amount: 0.00

Region: Facility Id: 240986 Agency Name: Not reported Place Type: Service/Commercial

Place Subtype: Service/Commercial Site, NEC

Facility Type: All other facilities Agency Type: Not reported # Of Agencies: Not reported Place Latitude: 32.786408 Place Longitude: -117.115189 SIC Code 1: 5171

SIC Desc 1: Petroleum Bulk Stations and Terminals

SIC Code 2:

SIC Desc 2: Gasoline Service Stations

SIC Code 3: Not reported SIC Desc 3: Not reported

Distance Elevation

n Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

EDR ID Number

NAICS Code 1: Not reported
NAICS Desc 1: Not reported
NAICS Code 2: Not reported
NAICS Desc 2: Not reported
NAICS Code 3: Not reported
NAICS Desc 3: Not reported
**MAICS Desc 3: Not reported

Of Places: Source Of Facility: **Enf Action** Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported Program Category2: **TANKS** # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Reg Measure Type: Not reported Region: Not reported Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Status: Not reported Status Date: Not reported Not reported Effective Date: Expiration/Review Date: Not reported Not reported Termination Date: WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported Not reported WDR Review - Pending: WDR Review - Planned: Not reported Status Enrollee: Not reported Individual/General: Not reported Fee Code: Not reported Direction/Voice: Not reported

Order / Resolution Number: R9-1992-0001-A3

Enforcement Id(EID):

Region:

Enforcement Action Type: Clean-up and Abatement Order

239904

Effective Date: 02/19/2002
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

Status: Historical

Enforcement - 9 000054N91 Title: Description: Addendum to correct owners named

Program: SLIC Latest Milestone Completion Date: Not reported

Of Programs1: Total Assessment Amount: 0.00 Initial Assessed Amount: 0.00 Liability \$ Amount: 0.00 Project \$ Amount: 0.00 Liability \$ Paid: 0.00 Project \$ Completed: 0.00 Total \$ Paid/Completed Amount: 0.00

Region: 9 Facility Id: 240986 Agency Name: Not reported Place Type: Service/Commercial

Place Subtype: Service/Commercial Site, NEC

Facility Type: All other facilities Agency Type: Not reported # Of Agencies: Not reported Place Latitude: 32.786408 Place Longitude: -117.115189 SIC Code 1: 5171

SIC Desc 1: Petroleum Bulk Stations and Terminals

Not reported

SIC Code 2: 5541

SIC Desc 2: **Gasoline Service Stations**

SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places:

Major-Minor:

Source Of Facility: Enf Action Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Not reported Not reported Facility Waste Type 2: Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported Program Category2: **TANKS** # Of Programs: Not reported Not reported WDID: Reg Measure Id: Not reported Not reported Reg Measure Type: Region: Not reported Order #: Not reported Npdes# CA#: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

Npdes Type: Not reported Not reported Reclamation: Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Not reported Status: Status Date: Not reported Effective Date: Not reported Expiration/Review Date: Not reported Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported Status Enrollee: Not reported Individual/General: Not reported Fee Code: Not reported Direction/Voice: Not reported Enforcement Id(EID): 239873 Region: 9

Order / Resolution Number: R9-2002-0042 **Enforcement Action Type:** Time Schedule Order

03/13/2002 Effective Date: Adoption/Issuance Date: Not reported Achieve Date: Not reported Termination Date: Not reported ACL Issuance Date: Not reported EPL Issuance Date: Not reported Status: Active

Enforcement - 9 000054N91 Title:

Description: TSO issued because dischargers are out of compliance with

directive No. 2 of CAO 92-01

SLIC Program: Latest Milestone Completion Date: 7/24/2002

Of Programs1: **Total Assessment Amount:** 0.00 0.00 Initial Assessed Amount: 0.00 Liability \$ Amount: Project \$ Amount: 0.00 Liability \$ Paid: 0.00 Project \$ Completed: 0.00 Total \$ Paid/Completed Amount: 0.00

HAZNET:

envid: S108405207 Year: 2013

GEPAID: CAC002724350 Contact: LANCE MCDANIEL Telephone: 6198142960 Mailing Name: Not reported

10509 SAN DIEGO MISSION RD Mailing Address: Mailing City, St, Zip: SAN DIEGO, CA 921082202

Gen County: San Diego TSD EPA ID: CAD028409019 TSD County: Los Angeles

Direction Distance

Elevation Site Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

EDR ID Number

Waste Category: Not reported

Disposal Method: Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery

(H010-H129) Or (H131-H135)

Tons: 1.5

Facility County: Not reported

envid: \$108405207 Year: 2013

GEPAID: CAC002745347
Contact: RENEE NYGAARD
Telephone: 3102124190
Mailing Name: Not reported
Mailing Address: 12851 166TH ST

Mailing City, St, Zip: CERRITOS, CA 907032103

Gen County: San Diego
TSD EPA ID: CAD008302903
TSD County: Los Angeles
Waste Category: Not reported

Disposal Method: Fuel Blending Prior To Energy Recovery At Another Site

Tons: 0.6255
Facility County: Not reported

ENVIROSTOR:

Facility ID: 71002597

Status: Inactive - Needs Evaluation

Status Date: Not reported
Site Code: Not reported
Site Type: Tiered Permit
Site Type Detailed: Tiered Permit
Acres: Not reported

NPL: NO

Regulatory Agencies: NONE SPECIFIED
Lead Agency: NONE SPECIFIED
Program Manager: Not reported
Supervisor: Not reported
Division Branch: Cleanup Cypress

Assembly: 79 Senate: 39

Special Program: Not reported

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED Funding: Not reported
Latitude: 32.78663
Longitude: -117.1162

APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: CAD080912587

Alias Type: EPA Identification Number

Alias Name: 110002334493 Alias Type: EPA (FRS #) Alias Name: 71002597

Alias Type: Envirostor ID Number

Completed Info:

Direction Distance

Distance Elevation Site EDR ID Number

Database(s) EPA ID Number

MISSION VALLEY BULK FUEL TERMINAL (Continued)

S108405207

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported Future Sub Area Name: Not reported Future Document Type: Not reported Future Due Date: Not reported Not reported Schedule Area Name: Not reported Schedule Sub Area Name: Schedule Document Type: Not reported Schedule Due Date: Not reported Schedule Revised Date: Not reported

F37 MOBIL OIL CORP, WCS&L SAN DIEGO CO. SAM S108407132 NE 9950 SAN DIEGO MISSION RD N/A

1/4-1/2 SAN DIEGO, CA 92108

0.293 mi.

1546 ft. Site 6 of 6 in cluster F

Relative: SAN DIEGO CO. SAM: Higher Case Number:

Case Number: H04288-001
Agency: CA Regional Water Quality Control Board

Actual: Funding: Non Billable

74 ft. Facility Type: Drinking Water Aguifer Impacted

Facility Status: Preliminary Assessment

Date: 8/8/1991 Date Began: 8/8/1991

G38 FENTON PROPERTIES LUST \$104539587 NW 9300 FRIARS RD EMI N/A

1/4-1/2 SAN DIEGO, CA 92108 0.333 mi.

1758 ft. Site 1 of 6 in cluster G

Relative: LUST REG 9: Higher Region: 9

Status: Case Closed
Actual: Case Number: 9UT2493
140 ft. Local Case: H02325-001
Substance: Gasoline

Qty Leaked: 0
Abate Method: Excavate and Dispose - remove contaminated soil and dispose in

approved site
Local Agency: San Diego
How Found: Tank Closure
How Stopped: Close Tank

How Stopped: Close Tank
Source: Unknown
Cause: Unknown
Lead Agency: Local Agency
Case Type: Aquifer affected
Date Found: 06/29/1993
Date Stopped: 06/29/1993
Confirm Date: 07/29/1993

Direction Distance

Elevation Site Database(s) EPA ID Number

FENTON PROPERTIES (Continued)

S104539587

EDR ID Number

Submit Workplan: 6/29/93
Prelim Assess: / /
Desc Pollution: Not reported

Remed Plan: // Remed Action: 7/29/93 Began Monitor: Not reported 08/19/1993 Release Date: Enforce Date: Not reported Closed Date: 5/19/00 Enforce Type: Not reported Pilot Program: LOP Basin Number: 907.11 GW Depth: 6.8 Beneficial Use: **MUNBU**

Priority: 2A

NPDES Number:

File Dispn: File discarded, case closed Interim Remedial Actions: Yes

Cleanup and Abatement order Number: Not reported Waste Discharge Requirement Number: Not reported

Not reported

Region: 9

Status: Case Closed
Case Number: 9UT3137
Local Case: H02325-002
Substance: Diesel
Qty Leaked: 0

Abate Method: Not reported Local Agency: San Diego How Found: Not reported Not reported How Stopped: Source: Unknown Cause: Not reported Lead Agency: Local Agency Case Type: Aquifer affected 08/18/1994 Date Found: Date Stopped: 08/18/1994

Confirm Date: / /
Submit Workplan: 10/26/94
Prelim Assess: 11/29/1959
Desc Pollution: Not reported
Remed Plan: / /

Remed Action: Not reported Began Monitor: Not reported Release Date: 08/18/1994 Enforce Date: Not reported Closed Date: 3/9/00 Enforce Type: Not reported Pilot Program: LOP Basin Number: 907.11 GW Depth: 25.1 Beneficial Use: MUNBU NPDES Number: Not reported Priority: High priority

File Dispn: Administratively opened on database, however no file physically exists

Interim Remedial Actions:

Cleanup and Abatement order Number:

Not reported

Not reported

Direction Distance Elevation

tance EDR ID Number evation Site Database(s) EPA ID Number

FENTON PROPERTIES (Continued)

S104539587

Waste Discharge Requirement Number: Not reported

Region: 9

Status: Case Closed
Case Number: 9UT4064
Local Case: H02325-003
Substance: Diesel
Qty Leaked: 0

Abate Method: Excavate and Dispose - remove contaminated soil and dispose in

approved site

San Diego Local Agency: How Found: Tank Closure How Stopped: Close Tank Source: Tank Cause: Unknown Lead Agency: Local Agency Aquifer affected Case Type: 08/31/1995 Date Found: Date Stopped: 08/31/1995

Confirm Date: / /

Submit Workplan: Not reported Prelim Assess: 11/21/1995 Desc Pollution: Not reported Remed Plan: / / Remed Action: Not reported Began Monitor: Not reported Release Date: 08/31/1995 Enforce Date: Not reported Closed Date: 3/9/00 Enforce Type: Not reported LOP Pilot Program: Basin Number: 907.11 GW Depth: 11 Beneficial Use: MUNBU NPDES Number: Not reported Priority: High priority File Dispn: Not reported

Interim Remedial Actions:

Cleanup and Abatement order Number:

Waste Discharge Requirement Number:

Not reported

Not reported

EMI:

 Year:
 1990

 County Code:
 37

 Air Basin:
 SD

 Facility ID:
 47

 Air District Name:
 SD

 SIC Code:
 3273

Air District Name: SAN DIEGO COUNTY APCD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr:

Reactive Organic Gases Tons/Yr:

Carbon Monoxide Emissions Tons/Yr:

NOX - Oxides of Nitrogen Tons/Yr:

SOX - Oxides of Sulphur Tons/Yr:

Particulate Matter Tons/Yr:

10

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

FENTON PROPERTIES (Continued)

S104539587

S104749710

N/A

SLIC

SWEEPS UST

San Diego Co. HMMD SAN DIEGO CO. SAM

Part. Matter 10 Micrometers & Smllr Tons/Yr: 7

1995 Year: County Code: 37 Air Basin: SD Facility ID: 47 Air District Name: SD SIC Code: 3273

SAN DIEGO COUNTY APCD Air District Name:

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: 0 Reactive Organic Gases Tons/Yr: 0 Carbon Monoxide Emissions Tons/Yr: 0 NOX - Oxides of Nitrogen Tons/Yr: 0 SOX - Oxides of Sulphur Tons/Yr: n Particulate Matter Tons/Yr: 0 Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

G39 **H G FENTON MATERIAL CO** NNW 7400 MURRAY CANYON RD 1/4-1/2 SAN DIEGO, CA 92108 0.334 mi.

1766 ft. Site 2 of 6 in cluster G

SLIC: Relative: Higher

Region: STATE **Completed - Case Closed Facility Status:**

Actual: Status Date: 04/14/1998 113 ft. Global Id: T0608155308

Lead Agency: SAN DIEGO COUNTY LOP

Lead Agency Case Number: H21131-001 Latitude: 32.775565 -117.158028 Longitude:

Case Type: Cleanup Program Site

Case Worker: Not reported Local Agency: Not reported RB Case Number: Not reported File Location: Local Agency Potential Media Affected: Not reported Potential Contaminants of Concern: Not reported Site History: Not reported

Click here to access the California GeoTracker records for this facility:

SWEEPS UST:

Status: Not reported Comp Number: 21131 Number: Not reported Board Of Equalization: 44-021669 Not reported Referral Date: Action Date: Not reported Created Date: Not reported Owner Tank Id: Not reported

SWRCB Tank Id: 37-000-021131-000001

Tank Status: Not reported 10000 Capacity:

Direction Distance

Elevation Site Database(s) **EPA ID Number**

H G FENTON MATERIAL CO (Continued)

S104749710

EDR ID Number

Active Date: Not reported M.V. FUEL Tank Use: STG: **PRODUCT** Content: OTHER Number Of Tanks:

Status: Not reported Comp Number: 21131 Number: Not reported Board Of Equalization: 44-021669 Not reported Referral Date: Not reported Action Date: Not reported Created Date: Owner Tank Id: Not reported

37-000-021131-000002 SWRCB Tank Id:

Tank Status: Not reported 4000 Capacity:

Active Date: Not reported Tank Use: M.V. FUEL **PRODUCT** STG: **OTHER** Content: Number Of Tanks: Not reported

SAN DIEGO CO. HMMD:

Facility Id: 121131 Business Type: 6HK03 EPA Id Number: Not reported APN: 677-390-07-00 Last HMMD Inspection: Not reported Permit Status: **INAC** Permit Expiration: 11/30/2002

Facility Owner: H G FENTON MATERIAL CO

Facility Address: P O BOX 64 SAN DIEGO Facility City: Facility State: CA Facility Zip: 92112-4101

UST Owner: H G FENTON MATERIAL CO

Handle Regulated Hazmat: Not reported Own Or Operate UST: Not reported Subject To APSA: Not reported Generate Haz Waste: Not reported Treat Haz Waste: Not reported Generate Medical Waste: Not reported

UST:

UNDERGROUND TANK 121131 T001 **UST Name:**

Last Update: 2012-11-02 14:17:38

Permit Number: 121131 Tank Type: SINGLE WALL

Additional Id: MC-D1 Capacity Gallons: 10000 **UST Contents: DIESEL** Other Content Info: **DIESEL** REMOVED Reg Status:

Remove Close Date: 1986-11-08 00:00:00 Year Installed: 1958-01-01 00:00:00 Pipe Type: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

H G FENTON MATERIAL CO (Continued)

S104749710

EDR ID Number

Delivery System: Not reported

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION.

UST Name: UNDERGROUND TANK 121131 T002

Last Update: 2012-11-02 14:17:38

Permit Number: 121131
Tank Type: SINGLE WALL
Additional Id: MC-D2
Capacity Gallons: 4000
UST Contents: DIESEL
Other Content Info: DIESEL
Reg Status: REMOVED

Remove Close Date: 1986-11-08 00:00:00
Year Installed: 1958-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported

Monitor Code: 90

UST Monitor Method: NO MONITORING ALTERNATIVE SELECTED. VERIFY AND ENTER MONITORING

ALTERNATIVE DURING INSPECTION.

SAN DIEGO CO. SAM:

Case Number: H21131-001

Agency: DEH Site Assessment & Mitigation

Funding: Private - VAP

Facility Type: Drinking Water Aquifer Impacted

Facility Status: Closed Case
Date: 4/14/1998
Date Began: 7/22/1988

G40 CLASS 2 SOIL TRTMENT FACILITY HIST CORTESE \$102005503
NW 9310 FRIARS RD LUST N/A

1/4-1/2 SAN DIEGO, CA 92168 0.341 mi.

0.341 mi. ENF 1798 ft. Site 3 of 6 in cluster G WMUDS/SWAT

Relative: HIST CORTESE:

Higher Region: CORTESE

 Facility County Code: 37

 Actual:
 Reg By:
 LTNKA

 129 ft.
 Reg Id:
 9UT2950

Region: CORTESE
Facility County Code: 37
Reg By: WBC&D
Reg Id: 9 000000628

LUST:

Region: STATE
Global Id: T0607301717
Latitude: 32.7864876
Longitude: -117.1213576
Case Type: LUST Cleanup Site
Status: Completed - Case Closed

Status Date: 06/23/1993

LDS

Direction Distance

Elevation Site Database(s) EPA ID Number

CLASS 2 SOIL TRTMENT FACILITY (Continued)

S102005503

EDR ID Number

Lead Agency: SAN DIEGO COUNTY LOP

Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 9UT2950
LOC Case Number: H21130-002
File Location: Local Agency
Potential Media Affect: Soil

Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Status History:

Global Id: T0607301717

Status: Completed - Case Closed

Status Date: 06/23/1993

Global Id: T0607301717

Status: Open - Case Begin Date

Status Date: 06/21/1993

Regulatory Activities:

 Global Id:
 T0607301717

 Action Type:
 Other

 Date:
 06/21/1993

 Action:
 Leak Began

 Global Id:
 T0607301717

 Action Type:
 Other

 Date:
 06/21/1993

 Action:
 Leak Discovery

 Global Id:
 T0607301717

 Action Type:
 Other

 Date:
 06/21/1993

 Action:
 Leak Stopped

 Global Id:
 T0607301717

 Action Type:
 Other

 Date:
 06/21/1993

 Action:
 Leak Reported

LDS:

Global Id: L10003934287 Latitude: 32.78269 Longitude: -117.1337

Case Type: Land Disposal Site
Status: Completed - Case Closed

Status Date: 03/17/2005

Lead Agency: SAN DIEGO RWQCB (REGION 9)

Caseworker: CLC
Local Agency: Not reported
RB Case Number: 9 000000655
LOC Case Number: Not reported
File Location: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CLASS 2 SOIL TRTMENT FACILITY (Continued)

S102005503

Potential Media Affect: Not reported L10003934287 EDR Link ID: Potential Contaminants of Concern: Not reported Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Global Id: L10002398978 Latitude: 32.78579 Longitude: -117.1250

Case Type: Land Disposal Site Status: Completed - Case Closed

Status Date: 03/17/2005

SAN DIEGO RWQCB (REGION 9) Lead Agency:

Caseworker: CLC Local Agency: Not reported RB Case Number: 9 000000628 LOC Case Number: Not reported File Location: Not reported Potential Media Affect: Not reported EDR Link ID: L10002398978 Potential Contaminants of Concern: Not reported Site History: Not reported

Click here to access the California GeoTracker records for this facility:

ENF:

Region: 9 Facility Id: 214741 Agency Name: Not reported Place Type: Facility Place Subtype: Not reported

Facility Type: Solid Waste Class II - designated wastes

Agency Type: Not reported # Of Agencies: Not reported Place Latitude: Not reported Place Longitude: Not reported SIC Code 1: 9511

SIC Desc 1: Air and Water Resource and Solid Waste Management

SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported Not reported NAICS Desc 1: NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places:

Source Of Facility: Enf Action Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported

Distance

Elevation Site Database(s) EPA ID Number

CLASS 2 SOIL TRTMENT FACILITY (Continued)

S102005503

EDR ID Number

Pretreatment: Not reported Not reported Facility Waste Type: Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported Program Category2: LNDISP # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Reg Measure Type: Not reported Region: Not reported Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Status: Not reported Status Date: Not reported Effective Date: Not reported Not reported Expiration/Review Date: Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported Not reported WDR Review - Pending: WDR Review - Planned: Not reported Status Enrollee: Not reported Individual/General: Not reported Not reported Fee Code: Not reported Direction/Voice: 234568 Enforcement Id(EID): Region:

Order / Resolution Number: UNKNOWN Enforcement Action Type: Notice of Violation Effective Date: 10/19/2000 Adoption/Issuance Date: Not reported Achieve Date: 11/21/2000 10/19/2000 Termination Date: ACL Issuance Date: Not reported EPL Issuance Date: Not reported Status: Historical

Title: Enforcement - 9 000000655

Description: NOV No. 2000-247. Failure to have appropriate cover of soil

per WDR 95-59 Requirement B.21.d.4.

Program: LNDISP Latest Milestone Completion Date: Not reported

Of Programs1: 1
Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability \$ Amount: 0.00
Project \$ Amount: 0.00

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CLASS 2 SOIL TRTMENT FACILITY (Continued)

S102005503

Liability \$ Paid: 0.00 0.00 Project \$ Completed: Total \$ Paid/Completed Amount: 0.00

Region: 9 214741 Facility Id: Agency Name: Not reported Place Type: Facility Place Subtype: Not reported

Facility Type: Solid Waste Class II - designated wastes

Agency Type: Not reported # Of Agencies: Not reported Place Latitude: Not reported Place Longitude: Not reported SIC Code 1: 9511

SIC Desc 1: Air and Water Resource and Solid Waste Management

SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places:

Source Of Facility: Enf Action Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported **LNDISP** Program Category2: # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Reg Measure Type: Not reported Region: Not reported Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported

301H: Not reported Application Fee Amt Received: Not reported Not reported Status: Status Date: Not reported Effective Date: Not reported Expiration/Review Date: Not reported Termination Date: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

CLASS 2 SOIL TRTMENT FACILITY (Continued)

S102005503

EDR ID Number

WDR Review - Amend: Not reported Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported Status Enrollee: Not reported Individual/General: Not reported Fee Code: Not reported Direction/Voice: Not reported 234567 Enforcement Id(EID): Region:

UNKNOWN Order / Resolution Number: Enforcement Action Type: Notice of Violation Effective Date: 10/19/2000 Adoption/Issuance Date: Not reported Achieve Date: 11/21/2000 Termination Date: 10/19/2000 ACL Issuance Date: Not reported **EPL Issuance Date:** Not reported Status: Historical

Title: Enforcement - 9 000000655

Description: NOV No. 2000-248. Failure to submit report per 13267 letter

dated August 22, 2000.

Program: LNDISP LNDISP LNDISP Not reported

Of Programs1: 1
Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability \$ Amount: 0.00
Project \$ Amount: 0.00
Liability \$ Paid: 0.00
Project \$ Completed: 0.00
Total \$ Paid/Completed Amount: 0.00

Region: 9
Facility Id: 214741
Agency Name: Not reported
Place Type: Facility
Place Subtype: Not reported

Facility Type: Solid Waste Class II - designated wastes

Agency Type:

Of Agencies:

Place Latitude:

Not reported

Not reported

Not reported

Not reported

Not reported

SIC Code 1: 9511

SIC Desc 1: Air and Water Resource and Solid Waste Management

SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Direction Distance Elevation

on Site Database(s) EPA ID Number

CLASS 2 SOIL TRTMENT FACILITY (Continued)

S102005503

EDR ID Number

Of Places: Enf Action Source Of Facility: Not reported Design Flow: Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Not reported Facility Waste Type: Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported LNDISP Program Category2: # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Reg Measure Type: Not reported Region: Not reported Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Status: Not reported Status Date: Not reported Effective Date: Not reported Expiration/Review Date: Not reported Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported Not reported WDR Review - Pending: WDR Review - Planned: Not reported Status Enrollee: Not reported Individual/General: Not reported Fee Code: Not reported Direction/Voice: Not reported 234566 Enforcement Id(EID): Region: Order / Resolution Number: UNKNOWN Enforcement Action Type: 13267 Letter

Order / Resolution Number:

Enforcement Action Type:

Effective Date:

Adoption/Issuance Date:

Achieve Date:

ACL Issuance Date:

ACL Issuance Date:

EPL Issuance Date:

Status:

UNKNOWN

13267 Letter

08/22/2000

Not reported

Not reported

Not reported

Not reported

Historical

Title: Enforcement - 9 000000655

Description: 13267 letter sent regarding disposal of soil at 15596

Sleepy Creek Road. Disposal site needs to comply with WDRs

(Order No. 95-59) including covering material with engineered materials(e.g. road or building) or not less

MAP FINDINGS Map ID Direction

Distance Elevation

Site Database(s) **EPA ID Number**

CLASS 2 SOIL TRTMENT FACILITY (Continued)

S102005503

EDR ID Number

than 2 feet of clean fill.

LNDISP Program: Latest Milestone Completion Date: 11/21/2000

Of Programs1: 1 **Total Assessment Amount:** 0.00

Initial Assessed Amount: 0.00 Liability \$ Amount: 0.00 Project \$ Amount: 0.00 Liability \$ Paid: 0.00 Project \$ Completed: 0.00 Total \$ Paid/Completed Amount: 0.00

Region: Facility Id: 256792 Agency Name: Not reported Place Type: Facility Not reported Place Subtype:

Facility Type: Solid Waste Class II - designated wastes

Not reported

Agency Type: Not reported # Of Agencies: Not reported Place Latitude: 32.785763 Place Longitude: -117.125091

SIC Code 1: 4953 SIC Desc 1: Refuse Systems SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported Not reported NAICS Code 2: NAICS Desc 2: Not reported NAICS Code 3: Not reported

Of Places:

NAICS Desc 3:

Source Of Facility: **Enf Action** Not reported Design Flow: Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported Program Category2: **LNDISP** # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported

Not reported Reg Measure Type: Region: Not reported Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported

Direction Distance Elevation

on Site Database(s) EPA ID Number

CLASS 2 SOIL TRTMENT FACILITY (Continued)

S102005503

EDR ID Number

Dredge Fill Fee: Not reported Not reported 301H: Application Fee Amt Received: Not reported Status: Not reported Status Date: Not reported Not reported Effective Date: Not reported Expiration/Review Date: Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported Status Enrollee: Not reported Individual/General: Not reported Fee Code: Not reported Direction/Voice: Not reported Enforcement Id(EID): 220337 Region: Order / Resolution Number: 97-022

Enforcement Action Type: Clean-up and Abatement Order

Effective Date: 03/14/1997
Adoption/Issuance Date: Not reported
Achieve Date: 11/10/1999
Termination Date: Not reported
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical

Title: Enforcement - 9 000000628

Description: UNKNOWN
Program: LNDISP
Latest Milestone Completion Date: 11/10/1999

Of Programs1: 1

Total Assessment Amount: 0.00

Initial Assessed Amount: 0.00

Liability \$ Amount: 0.00

Project \$ Amount: 0.00

Liability \$ Paid: 0.00

Project \$ Completed: 0.00

Total \$ Paid/Completed Amount: 0.00

Region: 9
Facility Id: 214741
Agency Name: Not reported
Place Type: Facility
Place Subtype: Not reported

Facility Type: Solid Waste Class II - designated wastes

Agency Type:

Of Agencies:
Place Latitude:
Place Longitude:
SIC Code 1:

Not reported
Not reported
Not reported
9511

SIC Desc 1: Air and Water Resource and Solid Waste Management

SIC Code 2: Not reported SIC Desc 2: Not reported SIC Code 3: Not reported

MAP FINDINGS Map ID Direction

Distance Elevation Site

Database(s) **EPA ID Number**

CLASS 2 SOIL TRTMENT FACILITY (Continued)

S102005503

EDR ID Number

SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places:

Source Of Facility: **Enf Action** Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Not reported Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported **LNDISP** Program Category2: # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Reg Measure Type: Not reported Region: Not reported Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Status: Not reported Not reported Status Date: Not reported Effective Date: Expiration/Review Date: Not reported Termination Date: Not reported WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported Not reported WDR Review - Rescind: WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported Not reported Status Enrollee: Individual/General: Not reported Fee Code: Not reported Direction/Voice: Not reported Enforcement Id(EID): 235679 Region:

UNKNOWN Order / Resolution Number: Enforcement Action Type: Notice of Violation 03/09/2001 Effective Date: Adoption/Issuance Date: Not reported Achieve Date: 4/10/2001 03/09/2001 Termination Date: ACL Issuance Date: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

CLASS 2 SOIL TRTMENT FACILITY (Continued)

S102005503

EDR ID Number

EPL Issuance Date: Not reported Status: Historical

Title: Enforcement - 9 000000655

Description: NOV 2001-61. Failure to comply with WDRs. Treated soil

disposed at 15254 Oak Creek Road not covered.

Program: LNDISP Latest Milestone Completion Date: Not reported

Of Programs1: 1
Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability \$ Amount: 0.00
Project \$ Amount: 0.00
Liability \$ Paid: 0.00
Project \$ Completed: 0.00
Total \$ Paid/Completed Amount: 0.00

WMUDS/SWAT:

Edit Date: Not reported

Complexity: Category B - Any facility having a physical, chemical, or biological

waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without treatment systems that are complex, such as marinas with petroleum

products, solid wastes, and sewage pump out facilities.

Primary Waste: CNSOIL

Primary Waste Type: Designated/Influent or Solid Wastes that pose a significant threat to

water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Secondary Waste: Not reported Secondary Waste Type: Not reported Base Meridian: Not reported NPID: Not reported

Tonnage: 0

Regional Board ID:
Municipal Solid Waste:
Superorder:
Open To Public:
Waste List:
Agency Type:
Not reported
False
False
False
False
Private

Agency Name: SOIL WASH TECHNOLOGIES, INC

Agency Department: Not reported

Agency Address: 215 N MARENGO AVE, #110 Agency City, St, Zip: PASADENA CA 91101

Agency Contact: NIEL KITCHEN
Agency Telephone: 8187932435
Land Owner Name: Not reported
Land Owner Address: Not reported
Land Owner City,St,Zip: Not reported
Land Owner Contact: Not reported
Land Owner Phone: Not reported

Region: 9

Facility Type: Solid Waste Site-Class II - A solid waste facility at which designated

wastes may be treated or stored.

Facility Description:

Facility Telephone:

SWAT Facility Name:

Primary SIC:

Not reported

Not reported

9511

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

CLASS 2 SOIL TRTMENT FACILITY (Continued)

S102005503

S105539613

N/A

Secondary SIC: Not reported Comments: Not reported Last Facility Editors: Not reported

Waste Discharge System: True

Solid Waste Assessment Test Program: False Toxic Pits Cleanup Act Program: False Resource Conservation Recovery Act: False Department of Defence: False Solid Waste Assessment Test Program: Not reported

Threat to Water Quality: Moderate Threat to Water Quality. A violation could have a major

> adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance

> > San Diego Co. HMMD

SAN DIEGO CO. SAM

from a waste treatment facility.

Sub Chapter 15: True DFH Regional Board Project Officer: Number of WMUDS at Facility:

Section Range: Not reported

RCRA Facility: No Waste Discharge Requirements: Α

Self-Monitoring Rept. Frequency: **Quarterly Submittal** 9 000000655 Waste Discharge System ID: Solid Waste Information ID: Not reported

G41 **H G FENTON MATERIAL CO** NW 9310 FRIARS RD

1/4-1/2 SAN DIEGO, CA 92108

0.341 mi.

1798 ft. Site 4 of 6 in cluster G

SAN DIEGO CO. HMMD: Relative:

Facility Id: 121130 Higher Business Type: 6HK03 Actual: EPA Id Number: Not reported 129 ft.

DEH-121130 APN: Last HMMD Inspection: Not reported Permit Status: INAC Permit Expiration: Not reported

Facility Owner: H G FENTON MATERIAL CO

Facility Address: P O BOX 64 Facility City: SAN DIEGO

Facility State:

Facility Zip: 92112-4101 UST Owner:

H G FENTON MATERIAL CO Handle Regulated Hazmat: Not reported

Own Or Operate UST: Not reported Not reported Subject To APSA: Generate Haz Waste: Not reported Treat Haz Waste: Not reported Generate Medical Waste: Not reported

UST:

UST Name: UNDERGROUND TANK 121130 T001

Last Update: 2012-11-02 14:17:38

Permit Number: 121130 Tank Type: UNKNOWN Additional Id: MVP-D6 Capacity Gallons: 10000

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

H G FENTON MATERIAL CO (Continued)

S105539613

UST Contents: DIESEL Other Content Info: DIESEL REMOVED Reg Status:

Remove Close Date: 1993-06-21 00:00:00 Year Installed: 1968-01-01 00:00:00 **DOUBLE WALL** Pipe Type: Delivery System: Not reported

Monitor Code: 10

UST Monitor Method: SW TANK DW PRESSURE PIPE W/POS SHUTOFF LLD W/DAILY RECONCILE OR WEEKLY

GAUGE: TNK TEST ANN, PIPE TEST ANN 0.1 GAL/HR OR MO 0.2 GAL/HR

SAN DIEGO CO. SAM:

Case Number: H21130-001

CA Regional Water Quality Control Board Agency:

Private - VAP Funding: Facility Type: Soils Only Facility Status: Closed Case Date: 1/17/1996 Date Began: 4/6/1994

Case Number: H21130-002

Agency: **DEH Site Assessment & Mitigation**

LOP - Federal Fund Funding:

Facility Type: Soils Only Facility Status: Closed Case 6/23/1993 Date: Date Began: 6/21/1993

G42 SHEWEY ENVIRONMENT FACILITY

Site 5 of 6 in cluster G

NW 9310 FRIARS RD SAN DIEGO CA, CA 92108

1/4-1/2 0.341 mi. 1798 ft.

129 ft.

WMUDS/SWAT: Relative:

Higher Edit Date: Not reported

Complexity: Category B - Any facility having a physical, chemical, or biological Actual:

waste treatment system (except for septic systems with subsurface disposal), or any Class II or III disposal site, or facilities without

treatment systems that are complex, such as marinas with petroleum products, solid wastes, and sewage pump out facilities.

CNSOIL Primary Waste:

Designated/Influent or Solid Wastes that pose a significant threat to Primary Waste Type:

water quality because of their high concentrations (E.G., BOD, Hardness, TRF, Chloride). 'Manageable' hazardous wastes (E.G., inorganic salts and heavy metals) are included in this category.

Secondary Waste: Not reported Not reported Secondary Waste Type: Base Meridian: Not reported Not reported NPID:

Tonnage:

Regional Board ID: Not reported Municipal Solid Waste: False Superorder: False Open To Public: False Waste List: False

WMUDS/SWAT

S102267018

N/A

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

SHEWEY ENVIRONMENT FACILITY (Continued)

S102267018

Agency Type: Private

SHEWEY ENVIRONMENTAL MGMT Agency Name:

Agency Department: Not reported Agency Address: 7220 TRADE ST

Agency City, St, Zip: SAN DIEGO CA 92112

Agency Contact: PAUL SMITH Agency Telephone: 6195662000 Land Owner Name: Not reported Land Owner Address: Not reported Land Owner City, St, Zip: Not reported Land Owner Contact: Not reported Land Owner Phone: Not reported

Region:

Facility Type: Solid Waste Site-Class II - A solid waste facility at which designated

wastes may be treated or stored.

Facility Description: Not reported Facility Telephone: Not reported SWAT Facility Name: Not reported Primary SIC: 4953

Secondary SIC: Not reported Comments: Not reported Last Facility Editors: Not reported

Waste Discharge System: True

Solid Waste Assessment Test Program: False Toxic Pits Cleanup Act Program: False Resource Conservation Recovery Act: False Department of Defence: False

Solid Waste Assessment Test Program: Not reported

Threat to Water Quality: Moderate Threat to Water Quality. A violation could have a major

> adverse impact on receiving biota, can cause aesthetic impairment to a significant human population, or render unusable a potential domestic or municipal water supply. Awsthetic impairment would include nuisance

from a waste treatment facility.

Sub Chapter 15: True DFH Regional Board Project Officer: Number of WMUDS at Facility:

Section Range: Not reported

RCRA Facility: No Waste Discharge Requirements:

Self-Monitoring Rept. Frequency: Irregular Submittal Waste Discharge System ID: 9 000000628 Solid Waste Information ID: Not reported

G43 **MISSION VALLEY PLANT** HIST CORTESE S101301997 NW 9300 FRIARS RD **LUST** N/A

1/4-1/2 SAN DIEGO, CA 92120 **SLIC** 0.341 mi. **SWEEPS UST** 1798 ft. Site 6 of 6 in cluster G **ENF**

San Diego Co. HMMD Relative: SAN DIEGO CO. SAM Higher

HIST CORTESE: Actual:

CORTESE Region: 129 ft. Facility County Code: 37 Reg By: **LTNKA** Reg Id: 9UT2493

> Region: **CORTESE**

Direction Distance

Elevation Site Database(s) EPA ID Number

MISSION VALLEY PLANT (Continued)

S101301997

EDR ID Number

Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT3137

LUST:

Region: STATE Global Id: T0607301905 Latitude: 32.7864594 Longitude: -117.1215128 Case Type: LUST Cleanup Site Status: Completed - Case Closed Status Date: 03/09/2000 Lead Agency: SAN DIEGO COUNTY LOP

Case Worker:
Local Agency:
RB Case Number:
LOC Case Number:
H02325-002
File Location:
Potential Media Affect:
Potential Contaminants of Concern:
Site History:
Not reported
Not reported

Click here to access the California GeoTracker records for this facility:

Status History:

Global Id: T0607301905

Status: Completed - Case Closed

Status Date: 03/09/2000

Global Id: T0607301905

Status: Open - Case Begin Date

Status Date: 08/18/1994

Regulatory Activities:

 Global Id:
 T0607301905

 Action Type:
 Other

 Date:
 08/18/1994

 Action:
 Leak Began

 Global Id:
 T0607301905

 Action Type:
 Other

 Date:
 08/18/1994

 Action:
 Leak Discovery

 Global Id:
 T0607301905

 Action Type:
 Other

 Date:
 08/18/1994

 Action:
 Leak Stopped

 Global Id:
 T0607301905

 Action Type:
 ENFORCEMENT

 Date:
 11/29/1995

Action: Notice of Responsibility

 Global Id:
 T0607301905

 Action Type:
 Other

 Date:
 08/18/1994

Distance

Elevation Site Database(s) EPA ID Number

MISSION VALLEY PLANT (Continued)

S101301997

EDR ID Number

Action: Leak Reported

 Region:
 STATE

 Global Id:
 T0607301245

 Latitude:
 32.7864594

 Longitude:
 -117.1215128

 Case Type:
 LUST Cleanup Site

 Status:
 Completed - Case Closed

Status Date: 05/19/2000

Lead Agency: SAN DIEGO COUNTY LOP

Case Worker: Not reported Local Agency: Not reported RB Case Number: 9UT2493 LOC Case Number: H02325-001 File Location: Local Agency Potential Media Affect: Not reported Potential Contaminants of Concern: Not reported Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Status History:

Global Id: T0607301245

Status: Completed - Case Closed

Status Date: 05/19/2000

Global Id: T0607301245

Status: Open - Case Begin Date

Status Date: 07/26/1993

Regulatory Activities:

 Global Id:
 T0607301245

 Action Type:
 ENFORCEMENT

 Date:
 07/26/1993

Action: Notice of Responsibility

Region: STATE
Global Id: T0607399247
Latitude: 32.7864594
Longitude: -117.1215128
Case Type: LUST Cleanup Site
Status: Completed - Case Closed

Status Date: 03/09/2000

Lead Agency: SAN DIEGO COUNTY LOP

Case Worker: Not reported
Local Agency: Not reported
RB Case Number: 9UT4064
LOC Case Number: H02325-003
File Location: Local Agency
Potential Media Affect: Soil

Potential Media Affect: Soil
Potential Contaminants of Concern: Diesel
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

MAP FINDINGS Map ID Direction

Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY PLANT (Continued)

S101301997

Status History:

Global Id: T0607399247

Status: Completed - Case Closed

Status Date: 03/09/2000

Global Id: T0607399247

Open - Case Begin Date Status:

Status Date: 08/31/1995

Regulatory Activities:

Global Id: T0607399247 Action Type: Other Date: 08/31/1995 Action: Leak Began

T0607399247 Global Id: Other Action Type: Date: 08/31/1995 Action: Leak Discovery

T0607399247 Global Id:

Action Type: Other

Date: 08/31/1995 Action: Leak Stopped

T0607399247 Global Id: Action Type: **ENFORCEMENT** Date: 11/29/1995

Notice of Responsibility Action:

Global Id: T0607399247 Action Type: Other Date: 08/31/1995 Leak Reported Action:

LUST REG 9:

Region:

Case Closed Status: Case Number: 9UT2950 Local Case: H21130-002 Substance: Diesel Qty Leaked:

Abate Method: Not reported San Diego Local Agency: Tank Closure How Found: How Stopped: Close Tank Unknown Source: Cause: Unknown Lead Agency: Local Agency Case Type: Soil only Date Found: 06/21/1993 Date Stopped: 06/21/1993

Confirm Date: //

Submit Workplan: Not reported

Prelim Assess:

Direction Distance

Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY PLANT (Continued)

S101301997

EDR ID Number

Desc Pollution: Not reported Remed Plan: 11 Remed Action: 6/23/93 Began Monitor: Not reported Release Date: 06/21/1993 Enforce Date: Not reported Closed Date: 6/23/93 Enforce Type: Not reported Pilot Program: LOP Basin Number: 907.11 GW Depth:

Municipal groundwater use Beneficial Use:

Not reported

NPDES Number: Not reported

Priority: Low priority. Priority ranking can change over time.

File Dispn: File discarded, case closed Interim Remedial Actions:

Cleanup and Abatement order Number: Not reported Waste Discharge Requirement Number: Not reported

SLIC:

STATE Region:

Facility Status: Completed - Case Closed

Status Date: 03/09/2000 Global Id: T0608197271

SAN DIEGO COUNTY LOP Lead Agency:

Lead Agency Case Number: H02325-004 Latitude: 32.785665 Longitude: -117.125304

Case Type: Cleanup Program Site

Case Worker: Not reported Local Agency: Not reported RB Case Number: Not reported File Location: Local Agency

Potential Media Affected: Aquifer used for drinking water supply

Potential Contaminants of Concern: Gasoline Site History: Not reported

Click here to access the California GeoTracker records for this facility:

SWEEPS UST:

Status: Active Comp Number: 2325 Number:

Board Of Equalization: 44-021669 Referral Date: Not reported Action Date: 06-26-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank Id: 37-000-002325-000001

Tank Status: Α Capacity: 10000 Not reported Active Date: Tank Use: M.V. FUEL

STG: Content: **OTHER** Number Of Tanks: 13

Direction Distance Elevation

vation Site Database(s) EPA ID Number

MISSION VALLEY PLANT (Continued)

S101301997

EDR ID Number

Status: Active
Comp Number: 2325
Number: 9
Board Of Equalization: 44-021669
Referral Date: Not reporte

Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank ld: 37-000-002325-000002

Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

STG: P
Content: OTHER
Number Of Tanks: Not reported

Status: Active
Comp Number: 2325
Number: 9

Board Of Equalization: 44-021669
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank Id: 37-000-002325-000003

Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

Content: OTHER
Number Of Tanks: Not reported

Status: Active
Comp Number: 2325
Number: 9

Board Of Equalization: 44-021669
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank Id: 37-000-002325-000004

Tank Status: A
Capacity: 12000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

Content: OTHER
Number Of Tanks: Not reported

Status: Active
Comp Number: 2325
Number: 9

Board Of Equalization: 44-021669 Referral Date: Not reported Action Date: 06-26-92

Direction Distance

Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY PLANT (Continued)

Created Date: 02-29-88 Not reported Owner Tank Id:

SWRCB Tank Id: 37-000-002325-000005

Tank Status: Α 10000 Capacity: Active Date: Not reported M.V. FUEL Tank Use: STG:

OTHER Content: Number Of Tanks: Not reported

Status: Active Comp Number: 2325 Number: Board Of Equalization: 44-021669

Referral Date: Not reported 06-26-92 Action Date: Created Date: 02-29-88 Owner Tank Id: Not reported

37-000-002325-000006 SWRCB Tank Id:

Tank Status: Α 10000 Capacity: Active Date: Not reported M.V. FUEL Tank Use: STG:

REG UNLEADED Content: Number Of Tanks: Not reported

Status: Active 2325 Comp Number: Number:

Board Of Equalization: 44-021669 Referral Date: Not reported Action Date: 06-26-92 02-29-88 Created Date: Not reported Owner Tank Id:

SWRCB Tank Id: 37-000-002325-000008

Tank Status: Α Capacity: 1000 Not reported Active Date: CHEMICAL Tank Use:

STG:

Content: Not reported Number Of Tanks: Not reported

Status: Active Comp Number: 2325 Number:

Board Of Equalization: 44-021669 Referral Date: Not reported Action Date: 06-26-92 Created Date: 02-29-88 Not reported Owner Tank Id:

SWRCB Tank Id: 37-000-002325-000009

Tank Status: Α Capacity: 1000 Active Date: Not reported S101301997

EDR ID Number

Direction Distance

Elevation Site Database(s) EPA ID Number

MISSION VALLEY PLANT (Continued)

S101301997

EDR ID Number

Tank Use: PETROLEUM

STG:

Content: Not reported Number Of Tanks: Not reported

Status: Active Comp Number: 2325 Number: 9

Board Of Equalization: 44-021669
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank ld: 37-000-002325-000010

Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: PETROLEUM

STG: P

Content: Not reported Number Of Tanks: Not reported

Status: Active
Comp Number: 2325
Number: 9
Board Of Equalization: 44-021669

Referral Date: Not reported Action Date: 06-26-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank ld: 37-000-002325-000011

Tank Status: A
Capacity: 4000
Active Date: Not reported
Tank Use: OIL

STG: P

Content: Not reported Number Of Tanks: Not reported

Status: Active
Comp Number: 2325
Number: 9

Board Of Equalization: 44-021669
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank ld: 37-000-002325-000012

Tank Status: A

Capacity: 1000
Active Date: Not reported
Tank Use: OIL
STG: P

Content: Not reported Number Of Tanks: Not reported

Status: Active

Direction Distance Elevation

Site Database(s) EPA ID Number

MISSION VALLEY PLANT (Continued)

S101301997

EDR ID Number

Comp Number: 2325
Number: 9
Board Of Equalization: 44-021669
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank Id: 37-000-002325-000013

Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: OIL
STG: P

Content: Not reported Number Of Tanks: Not reported

Status: Active Comp Number: 2325 Number: 9

Board Of Equalization: 44-021669
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank Id: 37-000-002325-000014

Tank Status: A
Capacity: 1000
Active Date: Not reported
Tank Use: PETROLEUM

STG: W

Content: Not reported Number Of Tanks: Not reported

ENF:

Region: Facility Id: 240981 Not reported Agency Name: Place Type: Facility Place Subtype: Not reported Industrial Facility Type: Agency Type: Not reported # Of Agencies: Not reported Place Latitude: 32.791103 -117.098373 Place Longitude: SIC Code 1: 1442

SIC Desc 1: Construction Sand and Gravel

SIC Code 2: 3273

SIC Desc 2: Ready-Mixed Concrete

SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported # Of Places:

Direction Distance Elevation

Site Database(s) **EPA ID Number**

MISSION VALLEY PLANT (Continued)

S101301997

EDR ID Number

Source Of Facility: Enf Action Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Pretreatment: Not reported Facility Waste Type: Not reported Not reported Facility Waste Type 2: Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported Program Category2: **WDR** # Of Programs: Not reported WDID: Not reported Reg Measure Id: Not reported Reg Measure Type: Not reported Not reported Region: Order #: Not reported Npdes# CA#: Not reported Major-Minor: Not reported Npdes Type: Not reported Reclamation: Not reported Dredge Fill Fee: Not reported 301H: Not reported Application Fee Amt Received: Not reported Status: Not reported Status Date: Not reported Effective Date: Not reported Expiration/Review Date: Not reported Not reported Termination Date: WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported WDR Review - Rescind: Not reported WDR Review - No Action Required: Not reported Not reported WDR Review - Pending: WDR Review - Planned: Not reported Not reported Status Enrollee: Individual/General: Not reported Fee Code: Not reported Direction/Voice: Not reported Enforcement Id(EID): 242740 Region:

Order / Resolution Number: **UNKNOWN**

Staff Enforcement Letter Enforcement Action Type:

Effective Date: 06/17/2003 Adoption/Issuance Date: Not reported Achieve Date: Not reported Termination Date: 06/17/2003 ACL Issuance Date: Not reported EPL Issuance Date: Not reported Status: Historical

Title: Enforcement - 9 000000630

Description: 2002 O&M Procedures certification statement not signed.

Program: **WDR** Latest Milestone Completion Date: Not reported

Of Programs1: **Total Assessment Amount:** 0.00

MAP FINDINGS Map ID Direction

Distance Elevation

Site Database(s) **EPA ID Number**

MISSION VALLEY PLANT (Continued)

S101301997

EDR ID Number

Initial Assessed Amount: 0.00 0.00 Liability \$ Amount: Project \$ Amount: 0.00 Liability \$ Paid: 0.00 Project \$ Completed: 0.00 Total \$ Paid/Completed Amount: 0.00

Region: 9 Facility Id: 240981 Agency Name: Not reported Place Type: Facility Place Subtype: Not reported Facility Type: Industrial Agency Type: Not reported # Of Agencies: Not reported Place Latitude: 32.791103 Place Longitude: -117.098373

SIC Code 1: 1442

SIC Desc 1: Construction Sand and Gravel

SIC Code 2: 3273

SIC Desc 2: Ready-Mixed Concrete

SIC Code 3: Not reported SIC Desc 3: Not reported NAICS Code 1: Not reported NAICS Desc 1: Not reported NAICS Code 2: Not reported NAICS Desc 2: Not reported NAICS Code 3: Not reported NAICS Desc 3: Not reported

Of Places:

Source Of Facility: **Enf Action** Design Flow: Not reported Threat To Water Quality: Not reported Complexity: Not reported Not reported Pretreatment: Not reported Facility Waste Type: Facility Waste Type 2: Not reported Facility Waste Type 3: Not reported Facility Waste Type 4: Not reported Program: Not reported Program Category1: Not reported Program Category2: **WDR** # Of Programs: Not reported WDID: Not reported Not reported Reg Measure Id: Reg Measure Type: Not reported Region: Not reported Order #: Not reported Npdes# CA#: Not reported

Reclamation: Not reported Not reported Dredge Fill Fee: 301H: Not reported Application Fee Amt Received: Not reported Status: Not reported Status Date: Not reported

Not reported

Not reported

Major-Minor:

Npdes Type:

Direction Distance

Elevation Site Database(s) EPA ID Number

MISSION VALLEY PLANT (Continued)

S101301997

EDR ID Number

Effective Date: Not reported Not reported Expiration/Review Date: Not reported Termination Date: WDR Review - Amend: Not reported WDR Review - Revise/Renew: Not reported Not reported WDR Review - Rescind: WDR Review - No Action Required: Not reported WDR Review - Pending: Not reported WDR Review - Planned: Not reported Status Enrollee: Not reported Individual/General: Not reported Fee Code: Not reported Direction/Voice: Not reported Enforcement Id(EID): 241375 Region:

Order / Resolution Number: UNKNOWN

Enforcement Action Type: Oral Communication

Effective Date: 03/29/2002
Adoption/Issuance Date: Not reported
Achieve Date: Not reported
Termination Date: 03/29/2002
ACL Issuance Date: Not reported
EPL Issuance Date: Not reported
Status: Historical

Title: Enforcement - 9 000000630

Description: Annual fee invoice returned to State Board. Regional Board

called facility for their correct address. A Form X was

completed and SWIM will be updated.

Program: WDR

Latest Milestone Completion Date: Not reported

Of Programs1: 1
Total Assessment Amount: 0.00
Initial Assessed Amount: 0.00
Liability \$ Amount: 0.00
Project \$ Amount: 0.00
Liability \$ Paid: 0.00
Project \$ Completed: 0.00
Total \$ Paid/Completed Amount: 0.00

SAN DIEGO CO. HMMD:

Facility Id: 102325
Business Type: Not reported
EPA Id Number: CAD981462625
APN: 433-280-14-00
Last HMMD Inspection: 07/09/1998
Permit Status: INAC
Permit Expiration: Not reported

Facility Owner: H G FENTON MATERIAL

Facility Address: P O BOX 64
Facility City: SAN DIEGO
Facility State: CA

Facility Zip: 92112-4101

UST Owner: H G FENTON MATERIAL

Handle Regulated Hazmat: Y

Own Or Operate UST: Not reported Subject To APSA: Not reported

Generate Haz Waste: Y

Direction Distance

Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY PLANT (Continued)

S101301997

EDR ID Number

Treat Haz Waste: Not reported Generate Medical Waste: Not reported

UST:

UST Name: UNDERGROUND TANK 102325 T005

Last Update: 2012-11-02 14:17:38

Permit Number: 102325 SINGLE WALL Tank Type: MV-D5 Additional Id: Capacity Gallons: 10000 **UST Contents:** DIESEL Other Content Info: DIESEL Reg Status: REMOVED

Remove Close Date: 1993-06-29 00:00:00 Year Installed: 1974-01-01 00:00:00 Pipe Type: Not reported

Delivery System: SUCTION Monitor Code: 05

UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY

MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 102325 T006

Last Update: 2012-11-02 14:17:38

Permit Number: 102325 SINGLE WALL Tank Type: Additional Id: MV-G2 Capacity Gallons: 10000

UST Contents: REGULAR UNLEADED Other Content Info: **REGULAR UNLEADED**

Reg Status: REMOVED

Remove Close Date: 1993-06-29 00:00:00 Year Installed: 1974-01-01 00:00:00 Pipe Type: Not reported Delivery System: SUCTION

Monitor Code: 05

UST Monitor Method: SW TANK DW PIPE W/ POS SHUTOFF-ALARM ON LLD W/ SIRS:SIR ANALY MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANN 0.1 G/HR OR MO 0.2 G/HR

UST Name: UNDERGROUND TANK 102325 T008

Last Update: 2012-11-02 14:17:38

Permit Number: 102325 SINGLE WALL Tank Type:

Additional Id: MV-S1 DEGREASING SOLVENT

Capacity Gallons: 1000 **UST Contents:** Not reported

Other Content Info: **DEGREASING SOLVENT**

REMOVED Reg Status:

Remove Close Date: 1993-06-29 00:00:00 Year Installed: 1958-01-01 00:00:00 Pipe Type: Not reported Delivery System:

Monitor Code: 07

SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR **UST Monitor Method:**

WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

UNDERGROUND TANK 102325 T009 UST Name:

SUCTION

Last Update: 2012-11-02 14:17:38

Permit Number: 102325

Direction Distance

Elevation Site Database(s) EPA ID Number

MISSION VALLEY PLANT (Continued)

S101301997

EDR ID Number

Tank Type: SINGLE WALL
Additional Id: MV-01
Capacity Gallons: 1000
UST Contents: Not reported
Other Content Info: WASTE OIL
Reg Status: REMOVED

 Remove Close Date:
 1993-06-29 00:00:00

 Year Installed:
 1963-01-01 00:00:00

 Pipe Type:
 Not reported

 Delivery System:
 SUCTION

Monitor Code: 07

UST Monitor Method: SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR

WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

UST Name: UNDERGROUND TANK 102325 T010

Last Update: 2012-11-02 14:17:38

Permit Number: 102325
Tank Type: SINGLE WALL
Additional Id: MV-02
Capacity Gallons: 1000

UST Contents: Not reported
Other Content Info: WASTE OIL
Reg Status: REMOVED
Remove Close Date: 1993-06-29 0

 Remove Close Date:
 1993-06-29 00:00:00

 Year Installed:
 1963-01-01 00:00:00

 Pipe Type:
 Not reported

 Delivery System:
 SUCTION

Monitor Code: 07

UST Monitor Method: SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR

WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

UST Name: UNDERGROUND TANK 102325 T011

Last Update: 2012-11-02 14:17:38

Permit Number: 102325
Tank Type: SINGLE WALL
Additional Id: MV-03
Capacity Gallons: 4000
UST Contents: Not reported
Other Content Info: MOTOR OIL
Reg Status: REMOVED

 Remove Close Date:
 1993-06-29 00:00:00

 Year Installed:
 1963-01-01 00:00:00

 Pipe Type:
 Not reported

 Delivery System:
 SUCTION

Monitor Code: 07

UST Monitor Method: SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR

WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

UST Name: UNDERGROUND TANK 102325 T012

Last Update: 2012-11-02 14:17:38

Permit Number: 102325
Tank Type: SINGLE WALL
Additional Id: MV-W01
Capacity Gallons: 1000
UST Contents: Not reported
Other Content Info: MOTOR OIL
Reg Status: REMOVED

Direction Distance

Elevation Site Database(s) EPA ID Number

MISSION VALLEY PLANT (Continued)

S101301997

EDR ID Number

Remove Close Date: 1993-06-29 00:00:00
Year Installed: 1963-01-01 00:00:00
Pipe Type: Not reported
Delivery System: Not reported

Monitor Code: 07

UST Monitor Method: SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR

WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

UST Name: UNDERGROUND TANK 102325 T013

Last Update: 2012-11-02 14:17:38

Permit Number: 102325
Tank Type: SINGLE WALL
Additional Id: MVS-22 SOLVENT

Capacity Gallons: 1000
UST Contents: Not reported
Other Content Info: MOTOR OIL
Reg Status: REMOVED

Remove Close Date: 1993-06-29 00:00:00 Year Installed: Not reported

Pipe Type: Not reported Delivery System: Not reported

Monitor Code: 07

UST Monitor Method: SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR

WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

UST Name: UNDERGROUND TANK 102325 T014

Last Update: 2012-11-02 14:17:38

Permit Number: 102325
Tank Type: SINGLE WALL
Additional Id: MVW02
Capacity Gallons: 1000
UST Contents: Not reported
Other Content Info: WASTE OIL
Reg Status: REMOVED

Remove Close Date: 1993-06-29 00:00:00

Year Installed: Not reported Pipe Type: Not reported Delivery System: SUCTION

Monitor Code: 07

UST Monitor Method: SW TANK SW PRESSURE PIPE W/RESTRICTIVE LLD W/DAILY RECONCILIATION OR

WEEKLY GAUGING: TANK AND PIPE TEST ANNUALLY

SAN DIEGO CO. SAM:

Case Number: H02325-001

Agency: DEH Site Assessment & Mitigation

Funding: LOP - Federal Fund

Facility Type: Soils Only
Facility Status: Closed Case
Date: 5/19/2000
Date Began: 7/29/1993

Case Number: H02325-002

Agency: DEH Site Assessment & Mitigation

Funding: LOP - Federal Fund

Facility Type: Soils Only
Facility Status: Closed Case

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

MISSION VALLEY PLANT (Continued)

S101301997

Date: 3/9/2000 8/18/1994 Date Began:

Case Number: H02325-003

Agency: **DEH Site Assessment & Mitigation**

Funding: LOP - Federal Fund

Soils Only Facility Type: Facility Status: Closed Case Date: 3/9/2000 Date Began: 8/31/1995

Case Number: H02325-004

Agency: **DEH Site Assessment & Mitigation**

Funding: Private - VAP

Drinking Water Aquifer Impacted Facility Type:

Facility Status: **Closed Case** 3/9/2000 Date: 11/20/1998 Date Began:

HIST CORTESE \$105026110 44 **TEXACO USA SALES TERMINAL** N/A

NNE 9966 MISSION 1/4-1/2 SAN DEIGO, CA 92108

0.341 mi. 1799 ft.

HIST CORTESE: Relative:

Region: **CORTESE** Higher

Facility County Code: 37 Actual: **LTNKA** Reg By: 73 ft. 9UT542 Reg Id:

45 NATIONAL UNIVERSITY/V.A.P. SLIC S106065565

4007 CAMINO DEL RIO S San Diego Co. HMMD East N/A 1/4-1/2 SAN DIEGO, CA 92108 SAN DIEGO CO. SAM

0.470 mi. 2482 ft.

SLIC: Relative: STATE Region: Higher

Facility Status: Completed - Case Closed Actual: Status Date: 08/12/1999

99 ft. Global Id: T0608197377

SAN DIEGO COUNTY LOP Lead Agency:

Lead Agency Case Number: H38278-001 Latitude: 32.77747 Longitude: -117.108162

Case Type: Cleanup Program Site

Case Worker:

SAN DIEGO COUNTY LOP Local Agency:

RB Case Number: Not reported File Location: Local Agency Potential Media Affected: Soil

Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating

Site History: Not reported

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

NATIONAL UNIVERSITY/V.A.P. (Continued)

S106065565

Click here to access the California GeoTracker records for this facility:

SAN DIEGO CO. HMMD:

Facility Id: 138278 Business Type: Not reported Not reported EPA Id Number: APN: 440-670-49-00 Last HMMD Inspection: Not reported Permit Status: INAC Permit Expiration: Not reported Facility Owner: Not reported Facility Address: Not reported Facility City: Not reported Facility State: Not reported Not reported Facility Zip: UST Owner: Not reported Handle Regulated Hazmat: Not reported Own Or Operate UST: Not reported Subject To APSA: Not reported Not reported Generate Haz Waste: Treat Haz Waste: Not reported Generate Medical Waste: Not reported

SAN DIEGO CO. SAM:

Case Number: H38278-001

Agency: **DEH Site Assessment & Mitigation**

Funding: Private - VAP Facility Type: Soils Only Facility Status: **Closed Case** Date: 8/12/1999 Date Began: 2/8/1999

46 **ROSE TOYOTA ENVIROSTOR**

East 5926-27,5933,5957 FAIRMOUNT AVE.

1/2-1 SAN DIEGO, CA 92120

0.756 mi. 3994 ft.

ENVIROSTOR: Relative:

Higher Facility ID: 37550008

Status: Refer: 1248 Local Agency

Actual: Status Date: 12/17/2001 74 ft. Site Code: Not reported

Site Type: Evaluation Site Type Detailed: Evaluation Acres: Not reported NPL: NO

Regulatory Agencies: NONE SPECIFIED Lead Agency: NONE SPECIFIED Program Manager: Not reported

Supervisor: Referred - Not Assigned Division Branch: Cleanup Cypress

Assembly: 79 39 Senate:

Special Program: Not reported

Restricted Use: NO S106797725

N/A

Direction Distance

Elevation Site Database(s) EPA ID Number

ROSE TOYOTA (Continued) S106797725

Site Mgmt Req: NONE SPECIFIED Funding: Not Applicable Latitude: 32.78284 Longitude: -117.1027

APN: NONE SPECIFIED
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 37550008

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: Not reported Completed Sub Area Name: Not reported Completed Document Type: Not reported Comments: Not reported Not reported Not reported Not reported

Future Area Name: Not reported Future Sub Area Name: Not reported Future Document Type: Not reported Not reported Future Due Date: Schedule Area Name: Not reported Not reported Schedule Sub Area Name: Schedule Document Type: Not reported Schedule Due Date: Not reported Schedule Revised Date: Not reported

47 USAR CNTR SAN DIEGO ENVIROSTOR S107737506
ENE N/A

1/2-1

SAN DIEGO, CA

0.836 mi. 4412 ft.

Relative: ENVIROSTOR:

Higher Facility ID: 80000490

Status: Inactive - Needs Evaluation

Actual: Status Date: 07/01/2005
78 ft. Site Code: Not reported

Site Type: Military Evaluation
Site Type Detailed: FUDS

Acres: Not reported
NPL: NO
Regulatory Agencies: SMBRP
Lead Agency: SMBRP
Program Manager: Not reported
Supervisor: Douglas Bautista
Division Branch: Cleanup Cypress

Assembly: 79 Senate: 39

Special Program: Not reported

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED

Funding: DERA
Latitude: 32.78361
Longitude: -117.1002

APN: NONE SPECIFIED

EDR ID Number

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

USAR CNTR SAN DIEGO (Continued)

S107737506

Past Use: NONE SPECIFIED NONE SPECIFIED Potential COC: Confirmed COC: NONE SPECIFIED Potential Description: NONE SPECIFIED Alias Name: CA99799F564300 Alias Type: Federal Facility ID Alias Name: J09CA0656 Alias Type: **INPR**

Alias Type: **Envirostor ID Number**

80000490

Completed Info:

Alias Name:

Completed Area Name: Not reported Not reported Completed Sub Area Name: Completed Document Type: Not reported Completed Date: Not reported Comments: Not reported

Future Area Name: Not reported Future Sub Area Name: Not reported Not reported Future Document Type: Not reported Future Due Date: Not reported Schedule Area Name: Schedule Sub Area Name: Not reported Schedule Document Type: Not reported Schedule Due Date: Not reported Schedule Revised Date: Not reported

48 TRULY NOLEN EXTERMINATING East **5909 MISSION GORGE ROAD** 1/2-1 SAN DIEGO, CA 92120

N/A

Toxic Pits

S100676374

0.866 mi. 4573 ft.

TOXIC PITS: Relative:

Region: Higher

09 Task #: 89008

Actual: TRULY NOLEN EXTERMINATING Owner:

76 ft. 1/2 Mi Limit:

> Num. of Pits: 1 Cease Discharge Due: 06/30/88 Cease Discharge Complete: 06/30/88 Closure Due: 06/30/90 **Closure Completed:** 03/20/90 **CLOSED**

Hydro Geological Assessment Report Due:

Final Hydro Geological Assessment Review Completed: 03/01/88

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

49 **ARCO #1761** LUST S100233002

2696 MISSION VILLAGE DR NNW **SWEEPS UST** N/A SAN DIEGO, CA 92121 1/2-1 Notify 65

0.948 mi. San Diego Co. HMMD 5004 ft. ЕМІ

SAN DIEGO CO. SAM

Relative: Higher

LUST REG 9: Region:

Actual: Status: Preliminary site assessment underway

348 ft. Case Number: 9UT1043 Local Case: H12275-002 Substance: Gasoline

Qty Leaked: Abate Method: Not reported

Local Agency: San Diego How Found: Tank Closure How Stopped: Repair Tank Unknown Source: Cause: Corrosion Lead Agency: Local Agency Case Type: Soil only Date Found: 08/30/1988 Date Stopped: 08/30/1988 Confirm Date: 09/12/1988 Submit Workplan: Not reported Prelim Assess: 02/12/1993 Desc Pollution: Not reported

Remed Plan: 11

Remed Action: Not reported Began Monitor: Not reported Release Date: 09/12/1988 Enforce Date: 9/12/88 Closed Date: Not reported Enforce Type: SEL Pilot Program: LOP 908.22 Basin Number:

Beneficial Use: No Beneficial groundwater use

> 8'

NPDES Number: Not reported

Priority: 2B

File Dispn: File discarded, case closed Interim Remedial Actions: Yes

Cleanup and Abatement order Number: Not reported Waste Discharge Requirement Number: Not reported

SWEEPS UST:

GW Depth:

Status: Active Comp Number: 12275 Number:

Board Of Equalization: 44-000506 Referral Date: Not reported Action Date: 06-26-92 Created Date: 02-29-88 Owner Tank Id: Not reported

SWRCB Tank Id: 37-000-012275-000001

Tank Status: Α Capacity: 10000 Active Date: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

ARCO #1761 (Continued)

S100233002

EDR ID Number

Tank Use: M.V. FUEL

STG: P

Content: REG UNLEADED

Number Of Tanks: 4

Status: Active Comp Number: 12275 Number: 9

Board Of Equalization: 44-000506
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank ld: 37-000-012275-000002

Tank Status: A
Capacity: 10000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: P

Content: LEADED

Number Of Tanks: Not reported

Status: Active Comp Number: 12275 Number: 9

Board Of Equalization: 44-000506
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank ld: 37-000-012275-000003

Tank Status: A
Capacity: 8000
Active Date: Not reported
Tank Use: M.V. FUEL

STG: P
Content: LEADED
Number Of Tanks: Not reported

Status: Active
Comp Number: 12275
Number: 9

Board Of Equalization: 44-000506
Referral Date: Not reported
Action Date: 06-26-92
Created Date: 02-29-88
Owner Tank Id: Not reported

SWRCB Tank ld: 37-000-012275-000005

Tank Status: A

Capacity: 550

Active Date: Not reported Tank Use: PETROLEUM

STG: W

Content: Not reported Number Of Tanks: Not reported

Status: Not reported

Direction Distance

Elevation Site Database(s) EPA ID Number

ARCO #1761 (Continued)

S100233002

EDR ID Number

Comp Number: 12275
Number: Not reported
Board Of Equalization: 44-000506
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported

SWRCB Tank ld: 37-000-012275-000004

Tank Status: Not reported Capacity: 280

Active Date: Not reported
Tank Use: PETROLEUM
STG: PRODUCT
Content: Not reported

Number Of Tanks: 1

NOTIFY 65:

Date Reported: Not reported Staff Initials: Not reported Board File Number: Not reported Facility Type: Not reported Discharge Date: Not reported Incident Description: 92123-3635

SAN DIEGO CO. HMMD:

Facility Id: 112275 Business Type: 6HK29

EPA Id Number: CAD981166994
APN: 429-281-01-00
Last HMMD Inspection: 11/08/2000
Permit Status: INAC
Permit Expiration: 11/08/2000

Facility Owner: ARCO, ENV. COMPLIANCE DEPT.

Facility Address: PO BOX 6038
Facility City: ARTESIA
Facility State: CA
Facility Zip: 90702-6038

UST Owner: ARCO PETROLEUM PRODUCTS CO

Handle Regulated Hazmat: Not reported Own Or Operate UST: Not reported Subject To APSA: Not reported

Generate Haz Waste: Y

Treat Haz Waste: Not reported Generate Medical Waste: Not reported

UST:

UST Name: UNDERGROUND TANK 112275 T001

Last Update: 2012-11-02 14:17:38

Permit Number: 112275
Tank Type: SINGLE WALL
Additional Id: AT4644
Capacity Gallons: 10000

UST Contents: REGULAR UNLEADED Other Content Info: REGULAR UNLEADED

Reg Status: REMOVED

Remove Close Date: 2001-01-02 00:00:00 Year Installed: 1979-01-01 00:00:00

Direction Distance

EDR ID Number Elevation Site **EPA ID Number** Database(s)

ARCO #1761 (Continued) S100233002

Pipe Type: SINGLE WALL PRESSURE Delivery System:

Monitor Code: 02

UST Monitor Method: SW TANK SW PRESSURE PIPE W/ RESTRICTIVE LLD W/ SIRS: SIR DATA

ANALYSIS MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANNUALLY

UNDERGROUND TANK 112275 T002 **UST Name:**

Last Update: 2012-11-02 14:17:38

Permit Number: 112275 Tank Type: SINGLE WALL Additional Id: AT4644 10000 Capacity Gallons:

UST Contents: MIDGRADE UNLEADED Other Content Info: MIDGRADE UNLEADED

Reg Status: **REMOVED**

2001-01-02 00:00:00 Remove Close Date: 1979-01-01 00:00:00 Year Installed: Pipe Type: SINGLE WALL Delivery System: **PRESSURE**

Monitor Code: 02

UST Monitor Method: SW TANK SW PRESSURE PIPE W/ RESTRICTIVE LLD W/ SIRS: SIR DATA

ANALYSIS MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANNUALLY

UST Name: UNDERGROUND TANK 112275 T003

Last Update: 2012-11-02 14:17:38

112275 Permit Number: Tank Type: SINGLE WALL Additional Id: AT4644 Capacity Gallons: 8000

UST Contents: PREMIUM UNLEADED Other Content Info: PREMIUM UNLEADED

Reg Status: REMOVED

Remove Close Date: 2001-01-02 00:00:00 Year Installed: 1979-01-01 00:00:00 Pipe Type: SINGLE WALL **PRESSURE** Delivery System:

Monitor Code:

UST Monitor Method: SW TANK SW PRESSURE PIPE W/ RESTRICTIVE LLD W/ SIRS: SIR DATA

ANALYSIS MONTHLY, TANK TEST BIENNIALLY, PIPE TEST ANNUALLY

UST Name: UNDERGROUND TANK 112275 T004

Last Update: 2012-11-02 14:17:38

Permit Number: 112275 SINGLE WALL Tank Type: Additional Id: 000000004 Capacity Gallons: 280

UST Contents: Not reported Other Content Info: WASTE OIL REMOVED Reg Status:

Remove Close Date: 1988-01-01 00:00:00 1963-01-01 00:00:00 Year Installed: Pipe Type: Not reported Delivery System: **GRAVITY**

Monitor Code:

SW TANK DW PRESSURE PIPE W/POS SHUTOFF LLD W/DAILY RECONCILE OR WEEKLY UST Monitor Method:

GAUGE: TNK TEST ANN. PIPE TEST ANN 0.1 GAL/HR OR MO 0.2 GAL/HR

Direction Distance

EDR ID Number Elevation Site Database(s) **EPA ID Number**

ARCO #1761 (Continued) S100233002

UST Name: UNDERGROUND TANK 112275 T005

Last Update: 2012-11-02 14:17:38

Permit Number: 112275 Tank Type: **DOUBLE WALL** Additional Id: AT4644 Capacity Gallons: 550

UST Contents: Not reported WASTE OIL Other Content Info: Reg Status: REMOVED

Remove Close Date: 2001-01-02 00:00:00 1991-01-01 00:00:00 Year Installed: Not reported

Pipe Type: Delivery System: Not reported

Monitor Code:

DW TANK DW SUCTION AND/ OR GRAVITY PIPING WITH INTERSTITIAL **UST Monitor Method:**

MONITORS: INTERSTITIAL.

EMI:

2000 Year: County Code: 37 Air Basin: SD Facility ID: 3789 Air District Name: SD 5541 SIC Code:

Air District Name: SAN DIEGO COUNTY APCD

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: Reactive Organic Gases Tons/Yr: 1 Carbon Monoxide Emissions Tons/Yr: 0 NOX - Oxides of Nitrogen Tons/Yr: 0 SOX - Oxides of Sulphur Tons/Yr: 0 Particulate Matter Tons/Yr: 0 Part. Matter 10 Micrometers & Smllr Tons/Yr:

Year: 2001 County Code: 37 Air Basin: SD Facility ID: 3789 Air District Name: SD SIC Code: 5541

SAN DIEGO COUNTY APCD Air District Name:

Community Health Air Pollution Info System: Not reported Consolidated Emission Reporting Rule: Not reported

Total Organic Hydrocarbon Gases Tons/Yr: Reactive Organic Gases Tons/Yr: Carbon Monoxide Emissions Tons/Yr: 0 NOX - Oxides of Nitrogen Tons/Yr: 0 SOX - Oxides of Sulphur Tons/Yr: 0 Particulate Matter Tons/Yr: Part. Matter 10 Micrometers & Smllr Tons/Yr: 0

SAN DIEGO CO. SAM:

Case Number: H12275-001

Agency: **DEH Site Assessment & Mitigation**

Direction Distance

Elevation Site Database(s) EPA ID Number

ARCO #1761 (Continued) \$100233002

Funding:Non BillableFacility Type:Failed Integrity TestFacility Status:Closed CaseDate:2/25/1988Date Began:3/9/1987

Case Number: H12275-002

Agency: DEH Site Assessment & Mitigation

Funding: LOP - State Fund

Facility Type: GW With No Beneficial Use Designation

Facility Status: Closed Case
Date: 5/14/2008
Date Began: 9/12/1988

Case Number: H12275-003

Agency: DEH Site Assessment & Mitigation

Funding: Non Billable
Facility Type: Failed Integrity Test
Facility Status: Closed Case
Date: 9/8/1992
Date Began: 6/17/1992

Case Number: H12275-004

Agency: DEH Site Assessment & Mitigation

Funding: Private - VAP

Facility Type: GW With No Beneficial Use Designation

Facility Status: Remedial Investigation

Date: 6/30/1992 Date Began: 3/16/1992

Case Number: H12275-005

Agency: DEH Site Assessment & Mitigation

Funding: LOP - State Fund

Facility Type: GW With No Beneficial Use Designation

Facility Status: Remedial Investigation

Date: 2/1/2001 Date Began: 2/1/2001

50 FORMER ARCO HIST CORTESE \$100470911

 ENE
 6110 MISSION GORGE RD.
 LUST
 N/A

 1/2-1
 SAN DIEGO, CA 92120
 SLIC

0.996 mi. ENVIROSTOR 5257 ft.

Relative: HIST CORTESE:

Actual:

95 ft.

Higher Region: CORTESE

Facility County Code: 37
Reg By: LTNKA
Reg Id: 9UT1872

LUST:

Region: STATE
Global Id: T0607300655
Latitude: 32.785377
Longitude: -117.0979656
Case Type: LUST Cleanup Site
Status: Completed - Case Closed

EDR ID Number

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

FORMER ARCO (Continued) S100470911

Status Date: 09/08/2005

Lead Agency: SAN DIEGO COUNTY LOP

Case Worker: Not reported Local Agency: Not reported RB Case Number: 9UT1872 LOC Case Number: H05115-001 File Location: Local Agency

Potential Media Affect: Aquifer used for drinking water supply

Potential Contaminants of Concern: Gasoline Site History: Not reported

Click here to access the California GeoTracker records for this facility:

Status History:

Global Id: T0607300655

Status: Completed - Case Closed

Status Date: 09/08/2005

Global Id: T0607300655

Status: Open - Case Begin Date

Status Date: 10/01/1990

Regulatory Activities:

 Global Id:
 T0607300655

 Action Type:
 Other

 Date:
 10/02/1990

 Action:
 Leak Began

 Global Id:
 T0607300655

 Action Type:
 Other

 Date:
 10/02/1990

 Action:
 Leak Discovery

 Global Id:
 T0607300655

 Action Type:
 ENFORCEMENT

 Date:
 10/04/1990

Action: Notice of Responsibility

 Global Id:
 T0607300655

 Action Type:
 Other

 Date:
 10/01/1990

 Action:
 Leak Reported

SLIC:

Region: STATE

Facility Status: Open - Site Assessment

 Status Date:
 02/08/2010

 Global Id:
 T10000001809

Lead Agency: SAN DIEGO COUNTY LOP

 Lead Agency Case Number:
 H05115-002

 Latitude:
 32.785296

 Longitude:
 -117.098108

Case Type: Cleanup Program Site

Case Worker: KK

Local Agency: SAN DIEGO COUNTY LOP

RB Case Number: Not reported

EDR ID Number

Map ID MAP FINDINGS

Direction Distance

Elevation Site Database(s) EPA ID Number

FORMER ARCO (Continued) S100470911

File Location: Local Agency

Potential Media Affected: Other Groundwater (uses other than drinking water), Soil

Potential Contaminants of Concern: Gasoline

Site History: This is a former UST case (H05115-002) which was closed on September

6, 2005. The gasoline station has been demolished and the property owner wishes to redevelop the site. Redevelopment activities will be managed under this case. An updated site conceptual model is being

prepared to evaluate the existing condition of the property.

Click here to access the California GeoTracker records for this facility:

ENVIROSTOR:

Facility ID: 60001297

Status: Refer: 1248 Local Agency

Status Date: 01/13/2010
Site Code: Not reported
Site Type: Evaluation
Site Type Detailed: Evaluation
Acres: 0

NPL: NO
Regulatory Agencies: SAN DIEGO COUNTY
Lead Agency: SAN DIEGO COUNTY

Program Manager: Not reported

Supervisor: Referred - Not Assigned Division Branch: Cleanup Cypress

Assembly: 78

Senate: Not reported Special Program: Not reported

Restricted Use: NO

Site Mgmt Req: NONE SPECIFIED Funding: Not Applicable

Latitude: 0 Longitude: 0

APN: 461-220-30-00
Past Use: NONE SPECIFIED
Potential COC: NONE SPECIFIED
Confirmed COC: NONE SPECIFIED
Potential Description: NONE SPECIFIED
Alias Name: 461-220-30-00

Alias Type: APN
Alias Name: 60001297

Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: SB 1248 Notification

Completed Date: 01/13/2010

Comments: An SB 1248 Notification received from the County of San Diego wants

to be sure that the property is okay for the owner to develop or lease it for mixed residential/commercial use with a subterranean parking garage. The property owner is looking for reassurance that there are no restrictions on the future property uses, as proposed.

Future Area Name: Not reported Future Sub Area Name: Not reported Future Document Type: Not reported

EDR ID Number

Map ID MAP FINDINGS Direction

Distance
Elevation Site Database(s)

EDR ID Number EPA ID Number

FORMER ARCO (Continued)

S100470911

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

Count: 1 records. ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
SAN DIEGO	S108430868		2240 STADIUM WY	92108	SAN DIEGO CO. SAM

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 12/16/2014 Source: EPA
Date Data Arrived at EDR: 01/08/2015 Telephone: N/A

Number of Days to Update: 32 Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources

EPA's Environmental Photographic Interpretation Center (EPIC)

Telephone: 202-564-7333

EPA Region 1 EPA Region 6

Telephone 617-918-1143 Telephone: 214-655-6659

EPA Region 3 EPA Region 7

Telephone 215-814-5418 Telephone: 913-551-7247

EPA Region 4 EPA Region 8

Telephone 404-562-8033 Telephone: 303-312-6774

EPA Region 5 EPA Region 9

Telephone 312-886-6686 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: 12/16/2014 Source: EPA
Date Data Arrived at EDR: 01/08/2015 Telephone: N/A

Number of Days to Update: 32 Next Scheduled EDR Contact: 07/20/2015
Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991 Date Data Arrived at EDR: 02/02/1994 Date Made Active in Reports: 03/30/1994

Number of Days to Update: 56

Source: EPA Telephone: 202-564-4267 Last EDR Contact: 08/15/2011

Next Scheduled EDR Contact: 11/28/2011 Data Release Frequency: No Update Planned

Federal Delisted NPL site list

Delisted NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/16/2014 Date Data Arrived at EDR: 01/08/2015 Date Made Active in Reports: 02/09/2015

Never have (David to United to 20

Number of Days to Update: 32

Source: EPA Telephone: N/A

Last EDR Contact: 04/08/2015

Next Scheduled EDR Contact: 07/20/2015 Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS 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). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 11/11/2013 Date Made Active in Reports: 02/13/2014

Number of Days to Update: 94

Source: EPA

Telephone: 703-412-9810 Last EDR Contact: 05/29/2015

Next Scheduled EDR Contact: 09/07/2015 Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 03/26/2015 Date Data Arrived at EDR: 04/08/2015 Date Made Active in Reports: 06/11/2015

Number of Days to Update: 64

Source: Environmental Protection Agency

Telephone: 703-603-8704 Last EDR Contact: 04/08/2015

Next Scheduled EDR Contact: 07/20/2015 Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS 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 this 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. This 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 a potential NPL site.

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 11/11/2013 Date Made Active in Reports: 02/13/2014

Number of Days to Update: 94

Source: EPA Telephone: 703-412-9810 Last EDR Contact: 05/29/2015

Next Scheduled EDR Contact: 09/07/2015 Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 03/10/2015 Date Data Arrived at EDR: 03/31/2015 Date Made Active in Reports: 06/11/2015

Number of Days to Update: 72

Source: EPA

Telephone: 800-424-9346 Last EDR Contact: 03/31/2015

Next Scheduled EDR Contact: 07/13/2015 Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/10/2015 Date Data Arrived at EDR: 03/31/2015 Date Made Active in Reports: 06/11/2015

Number of Days to Update: 72

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 03/31/2015

Next Scheduled EDR Contact: 07/13/2015 Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/10/2015 Date Data Arrived at EDR: 03/31/2015 Date Made Active in Reports: 06/11/2015

Number of Days to Update: 72

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 03/31/2015

Next Scheduled EDR Contact: 07/13/2015 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: 03/10/2015 Date Data Arrived at EDR: 03/31/2015 Date Made Active in Reports: 06/11/2015

Number of Days to Update: 72

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 03/31/2015

Next Scheduled EDR Contact: 07/13/2015 Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/10/2015 Date Data Arrived at EDR: 03/31/2015 Date Made Active in Reports: 06/11/2015

Number of Days to Update: 72

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 03/31/2015

Next Scheduled EDR Contact: 07/13/2015 Data Release Frequency: Varies

Federal institutional controls / engineering controls registries

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: 03/16/2015 Date Data Arrived at EDR: 03/17/2015 Date Made Active in Reports: 06/02/2015

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 06/01/2015

Next Scheduled EDR Contact: 09/14/2015 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: 03/16/2015 Date Data Arrived at EDR: 03/17/2015 Date Made Active in Reports: 06/02/2015

Number of Days to Update: 77

Source: Environmental Protection Agency

Telephone: 703-603-0695 Last EDR Contact: 06/01/2015

Next Scheduled EDR Contact: 09/14/2015 Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 05/28/2015 Date Data Arrived at EDR: 05/29/2015 Date Made Active in Reports: 06/11/2015

Number of Days to Update: 13

Source: Department of the Navy Telephone: 843-820-7326 Last EDR Contact: 05/18/2015

Next Scheduled EDR Contact: 08/31/2015 Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 03/30/2015 Date Data Arrived at EDR: 03/31/2015 Date Made Active in Reports: 06/02/2015

Number of Days to Update: 63

Source: National Response Center, United States Coast Guard

Telephone: 202-267-2180 Last EDR Contact: 03/31/2015

Next Scheduled EDR Contact: 07/13/2015 Data Release Frequency: Annually

State- and tribal - equivalent NPL

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity.

These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 05/04/2015 Date Data Arrived at EDR: 05/05/2015 Date Made Active in Reports: 05/14/2015

Number of Days to Update: 9

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/05/2015

Next Scheduled EDR Contact: 08/17/2015 Data Release Frequency: Quarterly

State- and tribal - equivalent CERCLIS

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 05/04/2015 Date Data Arrived at EDR: 05/05/2015 Date Made Active in Reports: 05/14/2015

Number of Days to Update: 9

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/05/2015

Next Scheduled EDR Contact: 08/17/2015 Data Release Frequency: Quarterly

State and tribal landfill and/or solid waste disposal site lists

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an 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: 05/18/2015 Date Data Arrived at EDR: 05/20/2015 Date Made Active in Reports: 06/05/2015

Number of Days to Update: 16

Source: Department of Resources Recycling and Recovery

Telephone: 916-341-6320 Last EDR Contact: 05/20/2015

Next Scheduled EDR Contact: 08/31/2015 Data Release Frequency: Quarterly

State and tribal leaking storage tank lists

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: Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 03/13/2015 Date Data Arrived at EDR: 03/18/2015 Date Made Active in Reports: 03/24/2015

Number of Days to Update: 6

Source: State Water Resources Control Board

Telephone: see region list Last EDR Contact: 06/17/2015

Next Scheduled EDR Contact: 09/28/2015 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)

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)

Telephone: 760-776-8943 Last EDR Contact: 08/01/2011

Next Scheduled EDR Contact: 11/14/2011 Data Release Frequency: No Update Planned

LUST REG 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

Last EDR Contact: 09/19/2011

Telephone: 510-622-2433

Next Scheduled EDR Contact: 01/02/2012 Data Release Frequency: Quarterly

LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003 Date Data Arrived at EDR: 05/19/2003 Date Made Active in Reports: 06/02/2003

Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)

Telephone: 805-542-4786 Last EDR Contact: 07/18/2011

Next Scheduled EDR Contact: 10/31/2011 Data Release Frequency: No Update Planned

LUST REG 5: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008 Date Data Arrived at EDR: 07/22/2008 Date Made Active in Reports: 07/31/2008

Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)

Telephone: 916-464-4834 Last EDR Contact: 07/01/2011

Next Scheduled EDR Contact: 10/17/2011 Data Release Frequency: No Update Planned

LUST REG 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 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 6L: Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003 Date Data Arrived at EDR: 09/10/2003 Date Made Active in Reports: 10/07/2003

Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)

Telephone: 530-542-5572 Last EDR Contact: 09/12/2011

Next Scheduled EDR Contact: 12/26/2011 Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases

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: 03/13/2015 Date Data Arrived at EDR: 03/18/2015 Date Made Active in Reports: 03/24/2015

Number of Days to Update: 6

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/17/2015

Next Scheduled EDR Contact: 09/28/2015

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.

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

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: 01/30/2015 Date Data Arrived at EDR: 02/05/2015 Date Made Active in Reports: 03/09/2015

Number of Days to Update: 32

Source: EPA, Region 5 Telephone: 312-886-7439 Last EDR Contact: 04/27/2015

Next Scheduled EDR Contact: 08/10/2015 Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013 Date Data Arrived at EDR: 05/01/2013 Date Made Active in Reports: 11/01/2013

Number of Days to Update: 184

Source: EPA Region 1 Telephone: 617-918-1313 Last EDR Contact: 04/03/2015

Next Scheduled EDR Contact: 08/10/2015 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: 09/30/2014 Date Data Arrived at EDR: 03/03/2015 Date Made Active in Reports: 03/13/2015

Number of Days to Update: 10

Source: EPA Region 4 Telephone: 404-562-8677 Last EDR Contact: 04/27/2015

Next Scheduled EDR Contact: 08/10/2015 Data Release Frequency: Semi-Annually

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: 01/08/2015 Date Data Arrived at EDR: 01/08/2015 Date Made Active in Reports: 02/09/2015

Number of Days to Update: 32

Source: Environmental Protection Agency Telephone: 415-972-3372

Last EDR Contact: 01/08/2015

Next Scheduled EDR Contact: 05/11/2015 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: 02/03/2015 Date Data Arrived at EDR: 02/12/2015 Date Made Active in Reports: 03/13/2015

Number of Days to Update: 29

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/27/2015

Next Scheduled EDR Contact: 08/10/2015 Data Release Frequency: Quarterly

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/23/2015 Date Data Arrived at EDR: 02/10/2015 Date Made Active in Reports: 03/13/2015

Number of Days to Update: 31

Source: EPA Region 6 Telephone: 214-665-6597 Last EDR Contact: 01/26/2015

Next Scheduled EDR Contact: 05/11/2015 Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 01/28/2015 Date Data Arrived at EDR: 01/30/2015 Date Made Active in Reports: 03/13/2015

Number of Days to Update: 42

Source: EPA Region 8 Telephone: 303-312-6271 Last EDR Contact: 04/27/2015

Next Scheduled EDR Contact: 08/10/2015 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: 09/23/2014 Date Data Arrived at EDR: 11/25/2014 Date Made Active in Reports: 01/29/2015

Number of Days to Update: 65

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/27/2015

Next Scheduled EDR Contact: 08/10/2015 Data Release Frequency: Varies

State and tribal registered storage tank lists

UST: Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 03/13/2015 Date Data Arrived at EDR: 03/18/2015 Date Made Active in Reports: 03/26/2015

Number of Days to Update: 8

Source: SWRCB Telephone: 916-341-5851 Last EDR Contact: 06/17/2015

Next Scheduled EDR Contact: 09/28/2015 Data Release Frequency: Semi-Annually

AST: Aboveground Petroleum Storage Tank Facilities

A listing of aboveground storage tank petroleum storage tank locations.

Date of Government Version: 08/01/2009 Date Data Arrived at EDR: 09/10/2009 Date Made Active in Reports: 10/01/2009

Number of Days to Update: 21

Source: California Environmental Protection Agency

Telephone: 916-327-5092 Last EDR Contact: 07/13/2015

Next Scheduled EDR Contact: 04/13/2015 Data Release Frequency: Quarterly

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: 02/01/2013 Date Data Arrived at EDR: 05/01/2013 Date Made Active in Reports: 01/27/2014

Number of Days to Update: 271

Source: EPA, Region 1 Telephone: 617-918-1313 Last EDR Contact: 04/28/2015

Next Scheduled EDR Contact: 08/10/2015 Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 09/30/2014 Date Data Arrived at EDR: 03/03/2015 Date Made Active in Reports: 03/13/2015

Number of Days to Update: 10

Source: EPA Region 4 Telephone: 404-562-9424 Last EDR Contact: 04/27/2015

Next Scheduled EDR Contact: 08/10/2015 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: 01/30/2015 Date Data Arrived at EDR: 02/05/2015 Date Made Active in Reports: 03/13/2015

Number of Days to Update: 36

Source: EPA Region 5 Telephone: 312-886-6136 Last EDR Contact: 04/27/2015

Next Scheduled EDR Contact: 08/10/2015 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: 01/23/2015 Date Data Arrived at EDR: 02/13/2015 Date Made Active in Reports: 03/13/2015

Number of Days to Update: 28

Source: EPA Region 6 Telephone: 214-665-7591 Last EDR Contact: 01/26/2015

Next Scheduled EDR Contact: 05/11/2015 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 Date Data Arrived at EDR: 11/25/2014 Date Made Active in Reports: 01/29/2015

Number of Days to Update: 65

Source: EPA Region 7 Telephone: 913-551-7003 Last EDR Contact: 04/27/2015

Next Scheduled EDR Contact: 08/10/2015 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: 01/29/2015 Date Data Arrived at EDR: 01/30/2015 Date Made Active in Reports: 03/13/2015

Number of Days to Update: 42

Source: EPA Region 8 Telephone: 303-312-6137 Last EDR Contact: 04/27/2015

Next Scheduled EDR Contact: 08/10/2015 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: 12/14/2014 Date Data Arrived at EDR: 02/13/2015 Date Made Active in Reports: 03/13/2015

Number of Days to Update: 28

Source: EPA Region 9 Telephone: 415-972-3368 Last EDR Contact: 01/26/2015

Next Scheduled EDR Contact: 05/11/2015 Data Release Frequency: Quarterly

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: 02/03/2015 Date Data Arrived at EDR: 02/12/2015 Date Made Active in Reports: 03/13/2015

Number of Days to Update: 29

Source: EPA Region 10 Telephone: 206-553-2857 Last EDR Contact: 04/27/2015

Next Scheduled EDR Contact: 08/10/2015 Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010 Date Data Arrived at EDR: 02/16/2010 Date Made Active in Reports: 04/12/2010

Number of Days to Update: 55

Source: FEMA

Telephone: 202-646-5797 Last EDR Contact: 04/13/2015

Next Scheduled EDR Contact: 07/27/2015 Data Release Frequency: Varies

State and tribal voluntary cleanup sites

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008 Date Data Arrived at EDR: 04/22/2008 Date Made Active in Reports: 05/19/2008

Number of Days to Update: 27

Source: EPA, Region 7 Telephone: 913-551-7365 Last EDR Contact: 04/20/2009

Next Scheduled EDR Contact: 07/20/2009 Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/29/2014 Date Data Arrived at EDR: 10/01/2014 Date Made Active in Reports: 11/06/2014

Number of Days to Update: 36

Source: EPA, Region 1 Telephone: 617-918-1102 Last EDR Contact: 04/02/2015

Next Scheduled EDR Contact: 07/13/2015

Data Release Frequency: Varies

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 05/04/2015 Date Data Arrived at EDR: 05/05/2015 Date Made Active in Reports: 05/14/2015

Number of Days to Update: 9

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/05/2015

Next Scheduled EDR Contact: 08/17/2015 Data Release Frequency: Quarterly

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 03/23/2015 Date Data Arrived at EDR: 03/24/2015 Date Made Active in Reports: 06/02/2015

Number of Days to Update: 70

Source: Environmental Protection Agency

Telephone: 202-566-2777 Last EDR Contact: 03/24/2015

Next Scheduled EDR Contact: 07/06/2015 Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009 Date Data Arrived at EDR: 05/07/2009 Date Made Active in Reports: 09/21/2009

Number of Days to Update: 137

Source: EPA, Region 9 Telephone: 415-947-4219 Last EDR Contact: 04/23/2015

Next Scheduled EDR Contact: 08/10/2015 Data Release Frequency: No Update Planned

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985 Date Data Arrived at EDR: 08/09/2004 Date Made Active in Reports: 09/17/2004

Number of Days to Update: 39

Source: Environmental Protection Agency

Telephone: 800-424-9346 Last EDR Contact: 06/09/2004 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

SWRCY: Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 03/16/2015 Date Data Arrived at EDR: 03/18/2015 Date Made Active in Reports: 03/26/2015

Number of Days to Update: 8

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 06/17/2015

Next Scheduled EDR Contact: 09/28/2015 Data Release Frequency: Quarterly

HAULERS: Registered Waste Tire Haulers Listing A listing of registered waste tire haulers.

Date of Government Version: 05/26/2015 Date Data Arrived at EDR: 05/28/2015 Date Made Active in Reports: 06/05/2015

Number of Days to Update: 8

Source: Integrated Waste Management Board

Telephone: 916-341-6422 Last EDR Contact: 05/18/2015

Next Scheduled EDR Contact: 08/31/2015 Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998 Date Data Arrived at EDR: 12/03/2007 Date Made Active in Reports: 01/24/2008

Number of Days to Update: 52

Source: Environmental Protection Agency

Telephone: 703-308-8245 Last EDR Contact: 05/01/2015

Next Scheduled EDR Contact: 08/17/2015 Data Release Frequency: Varies

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: 05/06/2015 Next Scheduled EDR Contact: 08/24/2015 Data Release Frequency: No Update Planned

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/25/2015 Date Data Arrived at EDR: 03/10/2015 Date Made Active in Reports: 03/25/2015

Number of Days to Update: 15

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 05/29/2015

Next Scheduled EDR Contact: 09/14/2015 Data Release Frequency: Quarterly

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005 Date Data Arrived at EDR: 08/03/2006 Date Made Active in Reports: 08/24/2006

Number of Days to Update: 21

Source: Department of Toxic Substance Control

Telephone: 916-323-3400 Last EDR Contact: 02/23/2009

Next Scheduled EDR Contact: 05/25/2009 Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 05/04/2015 Date Data Arrived at EDR: 05/05/2015 Date Made Active in Reports: 05/14/2015

Number of Days to Update: 9

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/05/2015

Next Scheduled EDR Contact: 08/17/2015 Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995 Date Data Arrived at EDR: 08/30/1995 Date Made Active in Reports: 09/26/1995

Number of Days to Update: 27

Source: State Water Resources Control Board

Telephone: 916-227-4364 Last EDR Contact: 01/26/2009

Next Scheduled EDR Contact: 04/27/2009 Data Release Frequency: No Update Planned

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 03/10/2015 Date Made Active in Reports: 03/18/2015

Number of Days to Update: 8

Source: Department of Toxic Substances Control

Telephone: 916-255-6504 Last EDR Contact: 04/13/2015

Next Scheduled EDR Contact: 07/27/2015

Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 02/25/2015 Date Data Arrived at EDR: 03/10/2015 Date Made Active in Reports: 03/25/2015

Number of Days to Update: 15

Source: Drug Enforcement Administration

Telephone: 202-307-1000 Last EDR Contact: 05/29/2015

Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994 Date Data Arrived at EDR: 09/05/1995 Date Made Active in Reports: 09/29/1995

Number of Days to Update: 24

Source: California Environmental Protection Agency

Telephone: 916-341-5851 Last EDR Contact: 12/28/1998 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

UST MENDOCINO: Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009 Date Data Arrived at EDR: 09/23/2009 Date Made Active in Reports: 10/01/2009

Number of Days to Update: 8

Source: Department of Public Health

Telephone: 707-463-4466 Last EDR Contact: 06/01/2015

Next Scheduled EDR Contact: 09/14/2015 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

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

Local Land Records

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 Date Data Arrived at EDR: 03/18/2014 Date Made Active in Reports: 04/24/2014

Number of Days to Update: 37

Source: Environmental Protection Agency

Telephone: 202-564-6023 Last EDR Contact: 04/27/2015

Next Scheduled EDR Contact: 08/10/2015 Data Release Frequency: Varies

LIENS: Environmental Liens Listing

A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/11/2015 Date Data Arrived at EDR: 03/13/2015 Date Made Active in Reports: 03/24/2015

Number of Days to Update: 11

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 06/05/2015

Next Scheduled EDR Contact: 09/21/2015 Data Release Frequency: Varies

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: 03/09/2015 Date Data Arrived at EDR: 03/10/2015 Date Made Active in Reports: 03/18/2015

Number of Days to Update: 8

Source: DTSC and SWRCB Telephone: 916-323-3400 Last EDR Contact: 06/09/2015

Next Scheduled EDR Contact: 09/21/2015 Data Release Frequency: Semi-Annually

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 03/30/2015 Date Data Arrived at EDR: 03/31/2015 Date Made Active in Reports: 06/11/2015

Number of Days to Update: 72

Source: U.S. Department of Transportation

Telephone: 202-366-4555 Last EDR Contact: 03/31/2015

Next Scheduled EDR Contact: 07/13/2015 Data Release Frequency: Annually

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: 04/14/2015 Date Data Arrived at EDR: 04/29/2015 Date Made Active in Reports: 05/21/2015

Number of Days to Update: 22

Source: Office of Emergency Services Telephone: 916-845-8400

Last EDR Contact: 04/27/2015

Next Scheduled EDR Contact: 08/10/2015 Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management

Date of Government Version: 03/13/2015 Date Data Arrived at EDR: 03/18/2015 Date Made Active in Reports: 03/24/2015

Number of Days to Update: 6

Source: State Water Qualilty Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/17/2015

Next Scheduled EDR Contact: 09/28/2015 Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 03/13/2015 Date Data Arrived at EDR: 03/18/2015 Date Made Active in Reports: 03/24/2015

Number of Days to Update: 6

Source: State Water Resources Control Board

Telephone: 866-480-1028 Last EDR Contact: 06/17/2015

Next Scheduled EDR Contact: 09/28/2015 Data Release Frequency: Quarterly

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

Date of Government Version: 06/06/2012 Date Data Arrived at EDR: 01/03/2013 Date Made Active in Reports: 02/22/2013

Number of Days to Update: 50

Source: FirstSearch Telephone: N/A

Last EDR Contact: 01/03/2013 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators / No Longer Regulated

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/10/2015 Date Data Arrived at EDR: 03/31/2015 Date Made Active in Reports: 06/11/2015

Number of Days to Update: 72

Source: Environmental Protection Agency

Telephone: (415) 495-8895 Last EDR Contact: 03/31/2015

Next Scheduled EDR Contact: 07/13/2015 Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012 Date Data Arrived at EDR: 08/07/2012 Date Made Active in Reports: 09/18/2012

Number of Days to Update: 42

Source: Department of Transporation, Office of Pipeline Safety

Telephone: 202-366-4595 Last EDR Contact: 05/05/2015

Next Scheduled EDR Contact: 08/17/2015 Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 11/10/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 62

Source: USGS

Telephone: 888-275-8747 Last EDR Contact: 04/14/2015

Next Scheduled EDR Contact: 07/27/2015 Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 06/06/2014 Date Data Arrived at EDR: 09/10/2014 Date Made Active in Reports: 09/18/2014

Number of Days to Update: 8

Source: U.S. Army Corps of Engineers

Telephone: 202-528-4285 Last EDR Contact: 06/12/2015

Next Scheduled EDR Contact: 09/21/2015

Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 04/17/2015 Date Made Active in Reports: 06/02/2015

Number of Days to Update: 46

Source: Department of Justice, Consent Decree Library

Telephone: Varies

Last EDR Contact: 03/30/2015

Next Scheduled EDR Contact: 07/13/2015 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: 06/12/2015

Next Scheduled EDR Contact: 09/21/2015 Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010 Date Data Arrived at EDR: 10/07/2011 Date Made Active in Reports: 03/01/2012

Number of Days to Update: 146

Source: Department of Energy Telephone: 505-845-0011 Last EDR Contact: 05/26/2015

Next Scheduled EDR Contact: 09/07/2015 Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 12/30/2014 Date Data Arrived at EDR: 12/31/2014 Date Made Active in Reports: 01/29/2015

Number of Days to Update: 29

Source: Department of Labor, Mine Safety and Health Administration

Telephone: 303-231-5959 Last EDR Contact: 06/03/2015

Next Scheduled EDR Contact: 09/14/2015 Data Release Frequency: Semi-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: 12/31/2013 Date Data Arrived at EDR: 02/12/2015 Date Made Active in Reports: 06/02/2015

Number of Days to Update: 110

Source: EPA

Telephone: 202-566-0250 Last EDR Contact: 01/29/2015

Next Scheduled EDR Contact: 06/08/2015 Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 01/15/2015 Date Made Active in Reports: 01/29/2015

Number of Days to Update: 14

Source: EPA

Telephone: 202-260-5521 Last EDR Contact: 03/27/2015

Next Scheduled EDR Contact: 07/06/2015 Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances

Telephone: 202-566-1667 Last EDR Contact: 05/20/2015

Next Scheduled EDR Contact: 09/07/2015 Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009 Date Data Arrived at EDR: 04/16/2009 Date Made Active in Reports: 05/11/2009

Number of Days to Update: 25

Source: EPA Telephone: 202-566-1667

Last EDR Contact: 05/20/2015

Next Scheduled EDR Contact: 09/07/2015 Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2007

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006 Date Data Arrived at EDR: 03/01/2007 Date Made Active in Reports: 04/10/2007

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-2501 Last EDR Contact: 12/17/2008

Next Scheduled EDR Contact: 03/17/2008 Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009 Date Data Arrived at EDR: 12/10/2010 Date Made Active in Reports: 02/25/2011

Number of Days to Update: 77

Source: EPA

Telephone: 202-564-4203 Last EDR Contact: 04/10/2015

Next Scheduled EDR Contact: 08/10/2015 Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 01/23/2015 Date Data Arrived at EDR: 02/06/2015 Date Made Active in Reports: 03/09/2015

Number of Days to Update: 31

Source: Environmental Protection Agency

Telephone: 202-564-5088 Last EDR Contact: 04/09/2015

Next Scheduled EDR Contact: 07/27/2015 Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 07/01/2014 Date Data Arrived at EDR: 10/15/2014 Date Made Active in Reports: 11/17/2014

Number of Days to Update: 33

Source: EPA

Telephone: 202-566-0500 Last EDR Contact: 04/17/2015

Next Scheduled EDR Contact: 07/27/2015 Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 03/31/2015 Date Data Arrived at EDR: 04/09/2015 Date Made Active in Reports: 06/11/2015

Number of Days to Update: 63

Source: Nuclear Regulatory Commission

Telephone: 301-415-7169 Last EDR Contact: 06/04/2015

Next Scheduled EDR Contact: 09/21/2015 Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 04/07/2015 Date Data Arrived at EDR: 04/09/2015 Date Made Active in Reports: 06/11/2015

Number of Days to Update: 63

Source: Environmental Protection Agency

Telephone: 202-343-9775 Last EDR Contact: 04/09/2015

Next Scheduled EDR Contact: 07/20/2015 Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/18/2015 Date Data Arrived at EDR: 02/27/2015 Date Made Active in Reports: 03/25/2015

Number of Days to Update: 26

Source: EPA

Telephone: (415) 947-8000 Last EDR Contact: 06/10/2015

Next Scheduled EDR Contact: 09/21/2015 Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995 Date Data Arrived at EDR: 07/03/1995 Date Made Active in Reports: 08/07/1995

Number of Days to Update: 35

Source: EPA

Telephone: 202-564-4104 Last EDR Contact: 06/02/2008

Next Scheduled EDR Contact: 09/01/2008

Data Release Frequency: No Update Planned

RMP: Risk Management Plans

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 02/01/2015 Date Data Arrived at EDR: 02/13/2015 Date Made Active in Reports: 03/25/2015

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: 202-564-8600 Last EDR Contact: 04/27/2015

Next Scheduled EDR Contact: 08/10/2015 Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011 Date Data Arrived at EDR: 02/26/2013 Date Made Active in Reports: 04/19/2013

Number of Days to Update: 52

Source: EPA/NTIS Telephone: 800-424-9346 Last EDR Contact: 05/29/2015

Next Scheduled EDR Contact: 09/07/2015
Data Release Frequency: Biennially

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

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/18/2015 Date Data Arrived at EDR: 05/20/2015 Date Made Active in Reports: 06/11/2015

Number of Days to Update: 22

Source: State Water Resources Control Board

Telephone: 916-445-9379 Last EDR Contact: 05/20/2015

Next Scheduled EDR Contact: 08/31/2015 Data Release Frequency: Quarterly

UIC: UIC Listing

A listing of wells identified as underground injection wells, in the California Oil and Gas Wells database.

Date of Government Version: 11/19/2014 Date Data Arrived at EDR: 12/15/2014 Date Made Active in Reports: 01/29/2015

Number of Days to Update: 45

Source: Deaprtment of Conservation

Telephone: 916-445-2408 Last EDR Contact: 06/19/2015

Next Scheduled EDR Contact: 09/28/2015 Data Release Frequency: Varies

CORTESE: "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 03/10/2015 Date Data Arrived at EDR: 03/31/2015 Date Made Active in Reports: 04/10/2015

Number of Days to Update: 10

Source: CAL EPA/Office of Emergency Information

Telephone: 916-323-3400 Last EDR Contact: 03/31/2015

Next Scheduled EDR Contact: 07/13/2015 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

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: 10/21/1993 Date Data Arrived at EDR: 11/01/1993 Date Made Active in Reports: 11/19/1993

Number of Days to Update: 18

Source: State Water Resources Control Board

Telephone: 916-445-3846 Last EDR Contact: 06/17/2015

Next Scheduled EDR Contact: 10/05/2015

Data Release Frequency: No Update Planned

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: 02/18/2015 Date Data Arrived at EDR: 02/20/2015 Date Made Active in Reports: 03/12/2015

Number of Days to Update: 20

Source: Department of Toxic Substance Control

Telephone: 916-327-4498 Last EDR Contact: 06/05/2015

Next Scheduled EDR Contact: 09/21/2015 Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009 Date Data Arrived at EDR: 07/21/2009 Date Made Active in Reports: 08/03/2009

Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board

Telephone: 213-576-6726 Last EDR Contact: 03/30/2015

Next Scheduled EDR Contact: 07/13/2015

Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 04/30/2015 Date Data Arrived at EDR: 05/01/2015 Date Made Active in Reports: 05/13/2015

Number of Days to Update: 12

Source: State Water Resoruces Control Board

Telephone: 916-445-9379 Last EDR Contact: 04/27/2015

Next Scheduled EDR Contact: 08/10/2015 Data Release Frequency: Varies

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method. This database begins with calendar year 1993.

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 10/15/2014 Date Made Active in Reports: 11/19/2014

Number of Days to Update: 35

Source: California Environmental Protection Agency

Telephone: 916-255-1136 Last EDR Contact: 04/17/2015

Next Scheduled EDR Contact: 07/27/2015 Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 03/25/2014 Date Made Active in Reports: 04/28/2014

Number of Days to Update: 34

Source: California Air Resources Board

Telephone: 916-322-2990 Last EDR Contact: 03/27/2015

Next Scheduled EDR Contact: 07/06/2015 Data Release Frequency: Varies

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: 04/14/2015

Next Scheduled EDR Contact: 07/27/2015 Data Release Frequency: Semi-Annually

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 Date Data Arrived at EDR: 03/09/2011 Date Made Active in Reports: 05/02/2011

Number of Days to Update: 54

Source: Environmental Protection Agency

Telephone: 615-532-8599 Last EDR Contact: 05/21/2015

Next Scheduled EDR Contact: 08/31/2015 Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 04/22/2013 Date Data Arrived at EDR: 03/03/2015 Date Made Active in Reports: 03/09/2015

Number of Days to Update: 6

Source: Environmental Protection Agency

Telephone: 703-308-4044 Last EDR Contact: 05/14/2015

Next Scheduled EDR Contact: 08/24/2015 Data Release Frequency: Varies

MWMP: Medical Waste Management Program Listing

The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the

state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 01/16/2015 Date Data Arrived at EDR: 03/10/2015 Date Made Active in Reports: 03/18/2015

Number of Days to Update: 8

Source: Department of Public Health Telephone: 916-558-1784 Last EDR Contact: 06/09/2015

Next Scheduled EDR Contact: 09/21/2015 Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 07/01/2014 Date Data Arrived at EDR: 09/10/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 40

Source: Environmental Protection Agency

Telephone: N/A

Last EDR Contact: 06/12/2015

Next Scheduled EDR Contact: 09/21/2015 Data Release Frequency: Varies

US AIRS MINOR: Air Facility System Data A listing of minor source facilities.

Date of Government Version: 10/16/2014 Date Data Arrived at EDR: 10/31/2014 Date Made Active in Reports: 11/17/2014

Number of Days to Update: 17

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 03/30/2015

Next Scheduled EDR Contact: 07/13/2015 Data Release Frequency: Annually

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 10/16/2014 Date Data Arrived at EDR: 10/31/2014 Date Made Active in Reports: 11/17/2014

Number of Days to Update: 17

Source: EPA

Telephone: 202-564-2496 Last EDR Contact: 03/30/2015

Next Scheduled EDR Contact: 07/13/2015 Data Release Frequency: Annually

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007 Date Data Arrived at EDR: 06/20/2007 Date Made Active in Reports: 06/29/2007

Number of Days to Update: 9

Source: State Water Resources Control Board

Telephone: 916-341-5227 Last EDR Contact: 05/20/2015

Next Scheduled EDR Contact: 09/07/2015 Data Release Frequency: Quarterly

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 10/25/2013 Date Data Arrived at EDR: 10/17/2014 Date Made Active in Reports: 10/20/2014

Number of Days to Update: 3

Source: EPA

Telephone: 202-564-6023 Last EDR Contact: 05/14/2015

Next Scheduled EDR Contact: 08/24/2015 Data Release Frequency: Quarterly

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001 Date Data Arrived at EDR: 10/27/2010 Date Made Active in Reports: 12/02/2010

Number of Days to Update: 36

Source: American Journal of Public Health

Telephone: 703-305-6451 Last EDR Contact: 12/02/2009 Next Scheduled EDR Contact: N/A

Data Release Frequency: No Update Planned

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 11/25/2014 Date Data Arrived at EDR: 11/26/2014 Date Made Active in Reports: 01/29/2015

Number of Days to Update: 64

Source: Environmental Protection Agency

Telephone: 703-603-8787 Last EDR Contact: 04/10/2015

Next Scheduled EDR Contact: 07/20/2015 Data Release Frequency: Varies

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 08/30/2013 Date Data Arrived at EDR: 03/21/2014 Date Made Active in Reports: 06/17/2014

Number of Days to Update: 88

Source: Environmental Protection Agency

Telephone: 617-520-3000 Last EDR Contact: 05/07/2015

Next Scheduled EDR Contact: 08/24/2015 Data Release Frequency: Quarterly

PROC: Certified Processors Database A listing of certified processors.

Date of Government Version: 03/16/2015 Date Data Arrived at EDR: 03/18/2015 Date Made Active in Reports: 03/24/2015

Number of Days to Update: 6

Source: Department of Conservation

Telephone: 916-323-3836 Last EDR Contact: 06/17/2015

Next Scheduled EDR Contact: 09/28/2015 Data Release Frequency: Quarterly

Financial Assurance 1: Financial Assurance Information Listing

Financial Assurance information

Date of Government Version: 04/30/2015 Date Data Arrived at EDR: 05/01/2015 Date Made Active in Reports: 05/13/2015

Number of Days to Update: 12

Source: Department of Toxic Substances Control

Telephone: 916-255-3628 Last EDR Contact: 04/27/2015

Next Scheduled EDR Contact: 08/10/2015

Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 02/06/2006 Date Made Active in Reports: 01/11/2007

Number of Days to Update: 339

Source: U.S. Geological Survey Telephone: 888-275-8747 Last EDR Contact: 04/14/2015

Next Scheduled EDR Contact: 07/27/2015

Data Release Frequency: N/A

Financial Assurance 2: Financial Assurance Information Listing

A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/18/2015 Date Data Arrived at EDR: 05/22/2015 Date Made Active in Reports: 06/05/2015

Number of Days to Update: 14

Source: California Integrated Waste Management Board

Telephone: 916-341-6066 Last EDR Contact: 05/18/2015

Next Scheduled EDR Contact: 08/31/2015 Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011 Date Data Arrived at EDR: 10/19/2011 Date Made Active in Reports: 01/10/2012

Number of Days to Update: 83

Source: Environmental Protection Agency

Telephone: 202-566-0517 Last EDR Contact: 05/01/2015

Next Scheduled EDR Contact: 08/10/2015 Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/09/2015 Date Data Arrived at EDR: 03/10/2015 Date Made Active in Reports: 03/25/2015

Number of Days to Update: 15

Source: Environmental Protection Agency

Telephone: 202-566-1917 Last EDR Contact: 05/14/2015

Next Scheduled EDR Contact: 08/31/2015 Data Release Frequency: Quarterly

COAL ASH DOE: Steam-Electric Plant Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005 Date Data Arrived at EDR: 08/07/2009 Date Made Active in Reports: 10/22/2009

Number of Days to Update: 76

Source: Department of Energy Telephone: 202-586-8719 Last EDR Contact: 04/15/2015

Next Scheduled EDR Contact: 07/27/2015 Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database

A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/13/2015 Date Data Arrived at EDR: 04/15/2015 Date Made Active in Reports: 04/23/2015

Number of Days to Update: 8

Source: Department of Toxic Substances Control

Telephone: 916-440-7145 Last EDR Contact: 04/15/2015

Next Scheduled EDR Contact: 07/27/2015 Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing

Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/26/2015 Date Data Arrived at EDR: 05/28/2015 Date Made Active in Reports: 06/05/2015

Number of Days to Update: 8

Source: Department of Toxic Substances Control

Telephone: 916-323-3400 Last EDR Contact: 05/28/2015

Next Scheduled EDR Contact: 09/07/2015 Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A 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: No Update Planned

EDR US Hist Auto Stat: 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 US Hist Cleaners: 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
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A
Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR C

Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA LUST: Recovered Government Archive Leaking Underground Storage Tank

The EDR Recovered Government Archive Leaking Underground Storage Tank database provides a list of LUST incidents derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the State Water Resources Control Board in California.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 12/30/2013 Number of Days to Update: 182

Telephone: N/A Last EDR Contact: 06/01/2012 Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

Source: State Water Resources Control Board

RGA LF: Recovered Government Archive Solid Waste Facilities List

The EDR Recovered Government Archive Landfill database provides a list of landfills derived from historical databases and includes many records that no longer appear in current government lists. Compiled from Records formerly available from the Department of Resources Recycling and Recovery in California.

Date of Government Version: N/A Date Data Arrived at EDR: 07/01/2013 Date Made Active in Reports: 01/13/2014 Number of Days to Update: 196

Source: Department of Resources Recycling and Recovery Telephone: N/A Last EDR Contact: 06/01/2012

Next Scheduled EDR Contact: N/A Data Release Frequency: Varies

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/21/2015 Date Data Arrived at EDR: 01/28/2015 Date Made Active in Reports: 02/26/2015 Source: Alameda County Environmental Health Services Telephone: 510-567-6700

Source: Alameda County Environmental Health Services

Last EDR Contact: 05/21/2015

Number of Days to Update: 29

Next Scheduled EDR Contact: 07/13/2015 Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 01/21/2015 Date Data Arrived at EDR: 01/28/2015 Date Made Active in Reports: 02/26/2015

Telephone: 510-567-6700 Last EDR Contact: 05/21/2015

Number of Days to Update: 29

Next Scheduled EDR Contact: 07/13/2015 Data Release Frequency: Semi-Annually

AMADOR COUNTY:

CUPA Facility List Cupa Facility List

> Date of Government Version: 03/09/2015 Date Data Arrived at EDR: 03/24/2015 Date Made Active in Reports: 03/31/2015

Telephone: 209-223-6439 Last EDR Contact: 06/05/2015

Number of Days to Update: 7

Next Scheduled EDR Contact: 09/21/2015

Source: Amador County Environmental Health

Data Release Frequency: Varies

BUTTE COUNTY:

CUPA Facility Listing Cupa facility list.

> Date of Government Version: 11/20/2014 Date Data Arrived at EDR: 11/24/2014 Date Made Active in Reports: 01/07/2015

Number of Days to Update: 44

Source: Public Health Department Telephone: 530-538-7149 Last EDR Contact: 04/14/2015

Next Scheduled EDR Contact: 04/27/2015 Data Release Frequency: No Update Planned

CALVERAS COUNTY:

CUPA Facility Listing Cupa Facility Listing

> Date of Government Version: 04/17/2015 Date Data Arrived at EDR: 04/21/2015 Date Made Active in Reports: 05/07/2015

Number of Days to Update: 16

Source: Calveras County Environmental Health

Telephone: 209-754-6399 Last EDR Contact: 03/30/2015

Next Scheduled EDR Contact: 07/13/2015 Data Release Frequency: Quarterly

COLUSA COUNTY:

CUPA Facility List Cupa facility list.

> Date of Government Version: 06/11/2014 Date Data Arrived at EDR: 06/13/2014 Date Made Active in Reports: 07/07/2014

Number of Days to Update: 24

Source: Health & Human Services Telephone: 530-458-0396 Last EDR Contact: 06/12/2015

Next Scheduled EDR Contact: 08/24/2015 Data Release Frequency: Varies

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 05/26/2015 Date Data Arrived at EDR: 05/29/2015 Date Made Active in Reports: 06/11/2015

Number of Days to Update: 13

Source: Contra Costa Health Services Department

Telephone: 925-646-2286 Last EDR Contact: 05/04/2015

Next Scheduled EDR Contact: 08/17/2015 Data Release Frequency: Semi-Annually

DEL NORTE COUNTY:

CUPA Facility List Cupa Facility list

> Date of Government Version: 05/19/2015 Date Data Arrived at EDR: 05/22/2015 Date Made Active in Reports: 06/05/2015

Number of Days to Update: 14

Source: Del Norte County Environmental Health Division

Telephone: 707-465-0426 Last EDR Contact: 05/18/2015

Next Scheduled EDR Contact: 08/17/2015

Data Release Frequency: Varies

EL DORADO COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/26/2015 Date Data Arrived at EDR: 05/29/2015 Date Made Active in Reports: 06/05/2015

Number of Days to Update: 7

Source: El Dorado County Environmental Management Department

Telephone: 530-621-6623 Last EDR Contact: 05/04/2015

Next Scheduled EDR Contact: 08/17/2015 Data Release Frequency: Varies

FRESNO COUNTY:

CUPA Resources List

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 03/31/2015 Date Data Arrived at EDR: 04/15/2015 Date Made Active in Reports: 04/23/2015

Number of Days to Update: 8

Source: Dept. of Community Health Telephone: 559-445-3271 Last EDR Contact: 04/06/2015

Next Scheduled EDR Contact: 07/20/2015 Data Release Frequency: Semi-Annually

HUMBOLDT COUNTY:

CUPA Facility List
CUPA facility list.

Date of Government Version: 03/11/2015 Date Data Arrived at EDR: 03/13/2015 Date Made Active in Reports: 03/24/2015

Number of Days to Update: 11

Source: Humboldt County Environmental Health

Telephone: N/A

Last EDR Contact: 05/26/2015

Next Scheduled EDR Contact: 09/07/2015 Data Release Frequency: Varies

IMPERIAL COUNTY:

CUPA Facility List
Cupa facility list.

Date of Government Version: 04/27/2015 Date Data Arrived at EDR: 04/28/2015 Date Made Active in Reports: 05/13/2015

Number of Days to Update: 15

Source: San Diego Border Field Office

Telephone: 760-339-2777 Last EDR Contact: 04/27/2015

Next Scheduled EDR Contact: 08/10/2015 Data Release Frequency: Varies

INYO COUNTY:

CUPA Facility List

Cupa facility list.

Date of Government Version: 09/10/2013 Date Data Arrived at EDR: 09/11/2013 Date Made Active in Reports: 10/14/2013

Number of Days to Update: 33

Source: Inyo County Environmental Health Services

Telephone: 760-878-0238 Last EDR Contact: 05/21/2015

Next Scheduled EDR Contact: 09/07/2015

Data Release Frequency: Varies

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing Kern County Sites and Tanks Listing.

Date of Government Version: 07/22/2014 Date Data Arrived at EDR: 11/12/2014 Date Made Active in Reports: 12/19/2014

Number of Days to Update: 37

Source: Kern County Environment Health Services Department

Telephone: 661-862-8700 Last EDR Contact: 06/12/2015

Next Scheduled EDR Contact: 08/24/2015 Data Release Frequency: Quarterly

KINGS COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/26/2015 Date Data Arrived at EDR: 05/28/2015 Date Made Active in Reports: 06/15/2015

Number of Days to Update: 18

Source: Kings County Department of Public Health

Telephone: 559-584-1411 Last EDR Contact: 05/21/2015

Next Scheduled EDR Contact: 09/07/2015 Data Release Frequency: Varies

LAKE COUNTY:

CUPA Facility List Cupa facility list

> Date of Government Version: 05/05/2015 Date Data Arrived at EDR: 05/07/2015 Date Made Active in Reports: 05/20/2015

Number of Days to Update: 13

Source: Lake County Environmental Health

Telephone: 707-263-1164 Last EDR Contact: 04/16/2015

Next Scheduled EDR Contact: 08/03/2015 Data Release Frequency: Varies

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009 Date Data Arrived at EDR: 03/31/2009 Date Made Active in Reports: 10/23/2009

Number of Days to Update: 206

Source: EPA Region 9 Telephone: 415-972-3178 Last EDR Contact: 06/17/2015

Next Scheduled EDR Contact: 10/05/2015 Data Release Frequency: No Update Planned

HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 11/24/2014 Date Data Arrived at EDR: 01/30/2015 Date Made Active in Reports: 03/04/2015

Number of Days to Update: 33

Source: Department of Public Works

Telephone: 626-458-3517 Last EDR Contact: 04/13/2015

Next Scheduled EDR Contact: 07/27/2015 Data Release Frequency: Semi-Annually

List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/20/2015 Date Data Arrived at EDR: 04/20/2015 Date Made Active in Reports: 05/07/2015

Number of Days to Update: 17

Source: La County Department of Public Works

Telephone: 818-458-5185 Last EDR Contact: 04/20/2015

Next Scheduled EDR Contact: 08/03/2015 Data Release Frequency: Varies

City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009 Date Data Arrived at EDR: 03/10/2009 Date Made Active in Reports: 04/08/2009

Number of Days to Update: 29

Source: Engineering & Construction Division

Telephone: 213-473-7869 Last EDR Contact: 04/15/2015

Next Scheduled EDR Contact: 08/03/2015 Data Release Frequency: Varies

Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 01/15/2015 Date Data Arrived at EDR: 01/29/2015 Date Made Active in Reports: 03/10/2015

Number of Days to Update: 40

Source: Community Health Services Telephone: 323-890-7806

Last EDR Contact: 04/16/2015

Next Scheduled EDR Contact: 08/03/2015 Data Release Frequency: Annually

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: 03/06/2015

Next Scheduled EDR Contact: 08/03/2015 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: 03/03/2015 Date Data Arrived at EDR: 05/26/2015 Date Made Active in Reports: 06/11/2015

Number of Days to Update: 16

Source: City of Long Beach Fire Department

Telephone: 562-570-2563 Last EDR Contact: 04/27/2015

Next Scheduled EDR Contact: 08/10/2015 Data Release Frequency: Annually

City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 04/14/2015 Date Data Arrived at EDR: 04/23/2015 Date Made Active in Reports: 05/11/2015

Number of Days to Update: 18

Source: City of Torrance Fire Department

Telephone: 310-618-2973 Last EDR Contact: 04/13/2015

Next Scheduled EDR Contact: 07/27/2015 Data Release Frequency: Semi-Annually

MADERA COUNTY:

CUPA Facility List

A listing of sites included in the county's Certified Unified Program Agency database. California's Secretary for Environmental Protection established the unified hazardous materials and hazardous waste regulatory program as required by chapter 6.11 of the California Health and Safety Code. The Unified Program consolidates the administration, permits, inspections, and enforcement activities.

Date of Government Version: 05/28/2015 Date Data Arrived at EDR: 05/29/2015 Date Made Active in Reports: 06/15/2015

Number of Days to Update: 17

Source: Madera County Environmental Health

Telephone: 559-675-7823 Last EDR Contact: 05/22/2015

Next Scheduled EDR Contact: 09/07/2015

Data Release Frequency: Varies

MARIN COUNTY:

Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 10/08/2014 Date Data Arrived at EDR: 10/22/2014 Date Made Active in Reports: 12/15/2014

Number of Days to Update: 54

Source: Public Works Department Waste Management

Telephone: 415-499-6647

Last EDR Contact: 05/05/2015

Next Scheduled EDR Contact: 07/20/2015 Data Release Frequency: Semi-Annually

MERCED COUNTY:

CUPA Facility List

CUPA facility list.

Date of Government Version: 05/22/2015 Date Data Arrived at EDR: 05/26/2015 Date Made Active in Reports: 06/05/2015

Number of Days to Update: 10

Source: Merced County Environmental Health

Telephone: 209-381-1094 Last EDR Contact: 05/22/2015

Next Scheduled EDR Contact: 09/07/2015

Data Release Frequency: Varies

MONO COUNTY:

CUPA Facility List

CUPA Facility List

Date of Government Version: 02/27/2015 Date Data Arrived at EDR: 03/06/2015 Date Made Active in Reports: 03/10/2015

Number of Days to Update: 4

Source: Mono County Health Department

Telephone: 760-932-5580 Last EDR Contact: 06/01/2015

Next Scheduled EDR Contact: 09/14/2015

Data Release Frequency: Varies

MONTEREY COUNTY:

CUPA Facility Listing

CUPA Program listing from the Environmental Health Division.

Date of Government Version: 03/19/2015 Date Data Arrived at EDR: 03/20/2015 Date Made Active in Reports: 03/31/2015

Number of Days to Update: 11

Source: Monterey County Health Department

Telephone: 831-796-1297 Last EDR Contact: 05/26/2015

Next Scheduled EDR Contact: 09/07/2015

Data Release Frequency: Varies

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: 06/01/2015

Next Scheduled EDR Contact: 09/14/2015 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: 06/01/2015

Next Scheduled EDR Contact: 09/14/2015
Data Release Frequency: No Update Planned

NEVADA COUNTY:

CUPA Facility List CUPA facility list.

> Date of Government Version: 02/12/2015 Date Data Arrived at EDR: 02/13/2015 Date Made Active in Reports: 03/03/2015

Number of Days to Update: 18

Source: Community Development Agency

Telephone: 530-265-1467 Last EDR Contact: 05/04/2015

Next Scheduled EDR Contact: 08/17/2015 Data Release Frequency: Varies

ORANGE COUNTY:

List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2015 Date Data Arrived at EDR: 05/12/2015 Date Made Active in Reports: 06/05/2015

Number of Days to Update: 24

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 05/06/2015

Next Scheduled EDR Contact: 08/24/2015 Data Release Frequency: Annually

List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2015 Date Data Arrived at EDR: 05/12/2015 Date Made Active in Reports: 06/08/2015

Number of Days to Update: 27

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 05/06/2015

Next Scheduled EDR Contact: 08/24/2015 Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/01/2015 Date Data Arrived at EDR: 05/12/2015 Date Made Active in Reports: 06/11/2015

Number of Days to Update: 30

Source: Health Care Agency Telephone: 714-834-3446 Last EDR Contact: 05/12/2015

Next Scheduled EDR Contact: 08/24/2015 Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 03/10/2015 Date Data Arrived at EDR: 03/12/2015 Date Made Active in Reports: 03/18/2015

Number of Days to Update: 6

Source: Placer County Health and Human Services

Telephone: 530-745-2363 Last EDR Contact: 06/21/2015

Next Scheduled EDR Contact: 09/21/2015 Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/28/2015 Date Data Arrived at EDR: 04/30/2015 Date Made Active in Reports: 05/13/2015

Number of Days to Update: 13

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 03/23/2015

Next Scheduled EDR Contact: 07/06/2015 Data Release Frequency: Quarterly

Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 04/28/2015 Date Data Arrived at EDR: 04/30/2015 Date Made Active in Reports: 05/13/2015

Number of Days to Update: 13

Source: Department of Environmental Health

Telephone: 951-358-5055 Last EDR Contact: 03/23/2015

Next Scheduled EDR Contact: 07/06/2015 Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/02/2015 Date Data Arrived at EDR: 04/08/2015 Date Made Active in Reports: 04/16/2015

Number of Days to Update: 8

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 04/08/2015

Next Scheduled EDR Contact: 07/20/2015 Data Release Frequency: Quarterly

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: 02/02/2015 Date Data Arrived at EDR: 04/08/2015 Date Made Active in Reports: 04/16/2015

Number of Days to Update: 8

Source: Sacramento County Environmental Management

Telephone: 916-875-8406 Last EDR Contact: 04/08/2015

Next Scheduled EDR Contact: 07/20/2015 Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 03/02/2015 Date Data Arrived at EDR: 03/03/2015 Date Made Active in Reports: 03/10/2015

Number of Days to Update: 7

Source: San Bernardino County Fire Department Hazardous Materials Division

Telephone: 909-387-3041 Last EDR Contact: 05/12/2015

Next Scheduled EDR Contact: 08/24/2015 Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/23/2013 Date Data Arrived at EDR: 09/24/2013 Date Made Active in Reports: 10/17/2013

Number of Days to Update: 23

Source: Hazardous Materials Management Division

Telephone: 619-338-2268 Last EDR Contact: 06/05/2015

Next Scheduled EDR Contact: 09/21/2015 Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2014
Date Data Arrived at EDR: 11/21/2014
Date Made Active in Reports: 12/29/2014

Number of Days to Update: 38

Source: Department of Health Services

Telephone: 619-338-2209 Last EDR Contact: 04/27/2015

Next Scheduled EDR Contact: 08/10/2015 Data Release Frequency: Varies

Data Release Frequen

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010 Date Data Arrived at EDR: 06/15/2010 Date Made Active in Reports: 07/09/2010

Number of Days to Update: 24

Source: San Diego County Department of Environmental Health

Telephone: 619-338-2371 Last EDR Contact: 06/03/2015

Next Scheduled EDR Contact: 09/21/2015 Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008 Date Data Arrived at EDR: 09/19/2008 Date Made Active in Reports: 09/29/2008

Number of Days to Update: 10

Source: Department Of Public Health San Francisco County

Telephone: 415-252-3920 Last EDR Contact: 05/06/2015

Next Scheduled EDR Contact: 08/24/2015 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: 05/06/2015

Next Scheduled EDR Contact: 08/24/2015 Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 03/24/2015 Date Data Arrived at EDR: 03/25/2015 Date Made Active in Reports: 03/31/2015

Number of Days to Update: 6

Source: Environmental Health Department

Telephone: N/A

Last EDR Contact: 06/17/2015

Next Scheduled EDR Contact: 10/05/2015 Data Release Frequency: Semi-Annually

SAN LUIS OBISPO COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 05/22/2015 Date Data Arrived at EDR: 05/26/2015 Date Made Active in Reports: 06/10/2015

Number of Days to Update: 15

Source: San Luis Obispo County Public Health Department

Telephone: 805-781-5596 Last EDR Contact: 05/20/2015

Next Scheduled EDR Contact: 09/07/2015

Data Release Frequency: Varies

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 04/13/2015 Date Data Arrived at EDR: 04/15/2015 Date Made Active in Reports: 04/23/2015

Number of Days to Update: 8

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 06/15/2015

Next Scheduled EDR Contact: 09/28/2015 Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 03/16/2015 Date Data Arrived at EDR: 03/17/2015 Date Made Active in Reports: 03/24/2015

Number of Days to Update: 7

Source: San Mateo County Environmental Health Services Division

Telephone: 650-363-1921 Last EDR Contact: 06/10/2015

Next Scheduled EDR Contact: 06/29/2015 Data Release Frequency: Semi-Annually

SANTA BARBARA COUNTY:

CUPA Facility Listing

CUPA Program Listing from the Environmental Health Services division.

Date of Government Version: 09/08/2011 Date Data Arrived at EDR: 09/09/2011 Date Made Active in Reports: 10/07/2011

Number of Days to Update: 28

Source: Santa Barbara County Public Health Department

Telephone: 805-686-8167 Last EDR Contact: 05/22/2015

Next Scheduled EDR Contact: 09/07/2015 Data Release Frequency: Varies

SANTA CLARA COUNTY:

Cupa Facility List Cupa facility list

Date of Government Version: 02/23/2015 Date Data Arrived at EDR: 02/25/2015 Date Made Active in Reports: 03/03/2015

Number of Days to Update: 6

Source: Department of Environmental Health

Telephone: 408-918-1973 Last EDR Contact: 06/05/2015

Next Scheduled EDR Contact: 09/07/2015 Data Release Frequency: Varies

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: 06/01/2015

Next Scheduled EDR Contact: 09/14/2015 Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/07/2015 Date Data Arrived at EDR: 05/12/2015 Date Made Active in Reports: 06/08/2015

Number of Days to Update: 27

Source: City of San Jose Fire Department

Telephone: 408-535-7694 Last EDR Contact: 05/07/2015

Next Scheduled EDR Contact: 08/24/2015 Data Release Frequency: Annually

SANTA CRUZ COUNTY:

CUPA Facility List

CUPA facility listing.

Date of Government Version: 05/22/2015 Date Data Arrived at EDR: 05/26/2015 Date Made Active in Reports: 06/08/2015

Number of Days to Update: 13

Source: Santa Cruz County Environmental Health

Telephone: 831-464-2761 Last EDR Contact: 05/22/2015

Next Scheduled EDR Contact: 09/07/2015

Data Release Frequency: Varies

SHASTA COUNTY:

CUPA Facility List

Cupa Facility List.

Date of Government Version: 03/11/2015 Date Data Arrived at EDR: 03/13/2015 Date Made Active in Reports: 03/24/2015

Number of Days to Update: 11

Source: Shasta County Department of Resource Management

Telephone: 530-225-5789 Last EDR Contact: 05/26/2015

Next Scheduled EDR Contact: 09/07/2015

Data Release Frequency: Varies

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 03/13/2015 Date Data Arrived at EDR: 03/19/2015 Date Made Active in Reports: 03/24/2015

Number of Days to Update: 5

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 06/10/2015

Next Scheduled EDR Contact: 09/28/2015 Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 03/13/2015 Date Data Arrived at EDR: 03/20/2015 Date Made Active in Reports: 03/31/2015

Number of Days to Update: 11

Source: Solano County Department of Environmental Management

Telephone: 707-784-6770 Last EDR Contact: 06/10/2015

Next Scheduled EDR Contact: 09/28/2015 Data Release Frequency: Quarterly

SONOMA COUNTY:

Cupa Facility List

Cupa Facility list

Date of Government Version: 03/31/2015 Date Data Arrived at EDR: 04/02/2015 Date Made Active in Reports: 04/10/2015

Number of Days to Update: 8

Source: County of Sonoma Fire & Emergency Services Department

Telephone: 707-565-1174 Last EDR Contact: 03/30/2015

Next Scheduled EDR Contact: 07/13/2015 Data Release Frequency: Varies

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 04/01/2015 Date Data Arrived at EDR: 04/02/2015 Date Made Active in Reports: 04/13/2015

Number of Days to Update: 11

Source: Department of Health Services

Telephone: 707-565-6565 Last EDR Contact: 03/30/2015

Next Scheduled EDR Contact: 07/13/2015 Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 03/09/2015 Date Data Arrived at EDR: 03/10/2015 Date Made Active in Reports: 03/18/2015

Number of Days to Update: 8

Source: Sutter County Department of Agriculture

Telephone: 530-822-7500 Last EDR Contact: 06/05/2015

Next Scheduled EDR Contact: 09/21/2015 Data Release Frequency: Semi-Annually

TUOLUMNE COUNTY:

CUPA Facility List

Cupa facility list

Date of Government Version: 05/05/2015 Date Data Arrived at EDR: 05/07/2015 Date Made Active in Reports: 05/13/2015

Number of Days to Update: 6

Source: Divison of Environmental Health

Telephone: 209-533-5633 Last EDR Contact: 04/27/2015

Next Scheduled EDR Contact: 08/10/2015 Data Release Frequency: Varies

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 04/27/2015 Date Data Arrived at EDR: 05/22/2015 Date Made Active in Reports: 06/05/2015

Number of Days to Update: 14

Source: Ventura County Environmental Health Division

Telephone: 805-654-2813 Last EDR Contact: 05/18/2015

Next Scheduled EDR Contact: 08/31/2015 Data Release Frequency: Quarterly

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: 04/02/2015

Next Scheduled EDR Contact: 07/20/2015 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: 05/18/2015

Next Scheduled EDR Contact: 08/31/2015 Data Release Frequency: Quarterly

Medical Waste Program List

To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 04/27/2015 Date Data Arrived at EDR: 04/29/2015 Date Made Active in Reports: 05/13/2015

Number of Days to Update: 14

Source: Ventura County Resource Management Agency

Telephone: 805-654-2813 Last EDR Contact: 04/27/2015

Next Scheduled EDR Contact: 08/10/2015 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: 02/27/2015 Date Data Arrived at EDR: 03/18/2015 Date Made Active in Reports: 03/26/2015

Number of Days to Update: 8

Source: Environmental Health Division Telephone: 805-654-2813

Last EDR Contact: 06/17/2015

Next Scheduled EDR Contact: 09/28/2015
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 03/26/2015 Date Data Arrived at EDR: 04/01/2015 Date Made Active in Reports: 04/13/2015

Number of Days to Update: 12

Source: Yolo County Department of Health

Telephone: 530-666-8646 Last EDR Contact: 06/17/2015

Next Scheduled EDR Contact: 10/05/2015 Data Release Frequency: Annually

YUBA COUNTY:

CUPA Facility List

CUPA facility listing for Yuba County.

Date of Government Version: 05/18/2015 Date Data Arrived at EDR: 05/19/2015 Date Made Active in Reports: 06/05/2015

Number of Days to Update: 17

Source: Yuba County Environmental Health Department

Telephone: 530-749-7523 Last EDR Contact: 05/18/2015

Next Scheduled EDR Contact: 08/17/2015 Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 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: 05/18/2015

Next Scheduled EDR Contact: 08/31/2015 Data Release Frequency: No Update Planned

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012 Date Data Arrived at EDR: 04/29/2015 Date Made Active in Reports: 05/29/2015

Number of Days to Update: 30

Source: Department of Environmental Protection

Telephone: N/A

Last EDR Contact: 04/14/2015

Next Scheduled EDR Contact: 07/27/2015 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: 05/01/2015 Date Data Arrived at EDR: 05/06/2015 Date Made Active in Reports: 05/20/2015

Number of Days to Update: 14

Source: Department of Environmental Conservation

Telephone: 518-402-8651 Last EDR Contact: 05/06/2015

Next Scheduled EDR Contact: 08/17/2015 Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 07/21/2014 Date Made Active in Reports: 08/25/2014

Number of Days to Update: 35

Source: Department of Environmental Protection

Telephone: 717-783-8990 Last EDR Contact: 04/16/2015

Next Scheduled EDR Contact: 08/03/2015 Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2013 Date Data Arrived at EDR: 07/15/2014 Date Made Active in Reports: 08/13/2014

Number of Days to Update: 29

Source: Department of Environmental Management

Telephone: 401-222-2797 Last EDR Contact: 05/26/2015

Next Scheduled EDR Contact: 09/07/2015 Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2014 Date Data Arrived at EDR: 03/19/2015 Date Made Active in Reports: 04/07/2015

Number of Days to Update: 19

Source: Department of Natural Resources

Telephone: N/A

Last EDR Contact: 06/11/2015

Next Scheduled EDR Contact: 09/28/2015 Data Release Frequency: Annually

Oil/Gas Pipelines

Source: PennWell Corporation Telephone: 281-546-1505

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 Telephone: 800-823-6277

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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, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK®-PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

SAN DIEGO RIVER TRAIL QUALCOMM SEGMENT 9449 FRIARS ROAD SAN DIEGO, CA 92108

TARGET PROPERTY COORDINATES

Latitude (North): 32.7801 - 32° 46' 48.36" Longitude (West): 117.1205 - 117° 7' 13.80"

Universal Tranverse Mercator: Zone 11 UTM X (Meters): 488715.3 UTM Y (Meters): 3626725.2

Elevation: 49 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map: 32117-G1 LA MESA, CA

Most Recent Revision: 1994

West Map: 32117-G2 LA JOLLA, CA

Most Recent Revision: 1996

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

- 1. Groundwater flow direction, and
- 2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

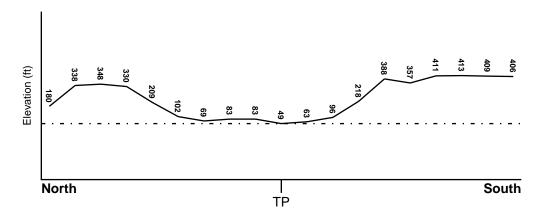
TOPOGRAPHIC INFORMATION

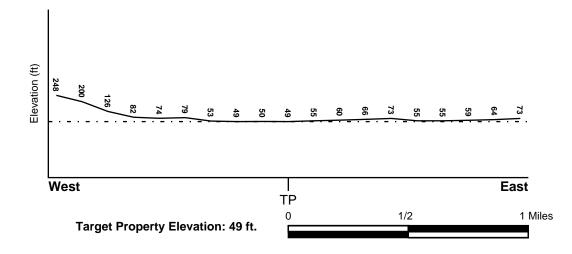
Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General NNW

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES





Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

FEMA Flood Electronic Data

Target Property County
SAN DIEGO, CA

Electronic Data
YES - refer to the Overview Map and Detail Map

Flood Plain Panel at Target Property: 06073C - FEMA DFIRM Flood data

Additional Panels in search area: Not Reported

NATIONAL WETLAND INVENTORY

NWI Quad at Target Property Data Coverage

LA MESA YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Site-Specific Hydrogeological Data*:

Search Radius: 1.25 miles Status: Not found

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

	LOCATION	GENERAL DIRECTION
MAP ID	FROM TP	GROUNDWATER FLOW
B14	1/2 - 1 Mile NNE	Not Reported
B15	1/2 - 1 Mile NNE	S
21	1/2 - 1 Mile ESE	Not Reported

For additional site information, refer to Physical Setting Source Map Findings.

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

GEOLOGIC AGE IDENTIFICATION

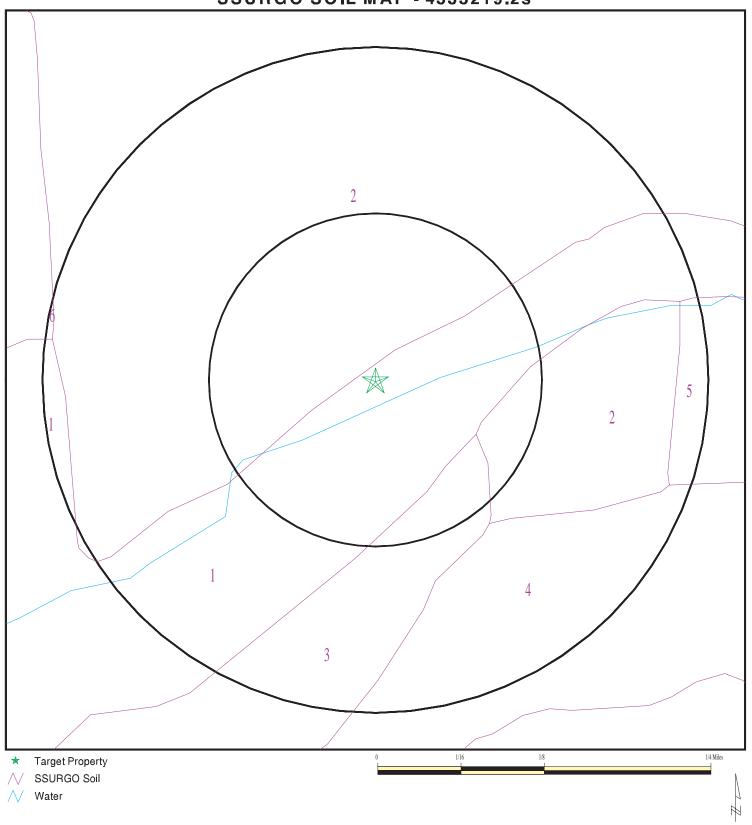
Era: Cenozoic Category: Continental Deposits

System: Tertiary Series: Eocene

Code: Tec (decoded above as Era, System & Series)

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

SSURGO SOIL MAP - 4333219.2s



SITE NAME: San Diego River Trail Qualcomm Segment
ADDRESS: 9449 Friars Road
San Diego CA 92108
LAT/LONG: 32.7801 / 117.1205

CLIENT: Allied Geotechnical CONTACT: Sani Sutanto INQUIRY#: 4333219.2s

DATE: June 22, 2015 5:02 pm

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. The following information is based on Soil Conservation Service SSURGO data.

Soil Map ID: 1

Soil Component Name: RIVERWASH

Soil Surface Texture: gravelly coarse sand

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high

water table, or are shallow to an impervious layer.

Soil Drainage Class: Excessively drained

Hydric Status: All hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 168 inches

	Soil Layer Information							
	Воц	ındary		Classi	fication	Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec		
1	0 inches	5 inches	gravelly coarse sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 141 Min: 42	Max: Min:	
2	5 inches	59 inches	stratified extremely gravelly coarse sand to gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel.	Max: 141 Min: 42	Max: Min:	

Soil Map ID: 2

Soil Component Name: MADE LAND

Soil Surface Texture: variable

Hydrologic Group: Class D - Very slow infiltration rates. Soils are clayey, have a high

water table, or are shallow to an impervious layer.

Soil Drainage Class: Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

Soil Layer Information							
	Boui	ndary		Classif	ication	Saturated hydraulic	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil		Soil Reaction (pH)
1	0 inches	5 inches	variable	Not reported	Not reported	Max: Min:	Max: Min:

Soil Map ID: 3

Soil Component Name: TUJUNGA

Soil Surface Texture: sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to

excessively drained sands and gravels.

Soil Drainage Class: Somewhat excessively drained

Hydric Status: Partially hydric

Corrosion Potential - Uncoated Steel: Moderate

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information							
	Вои	ındary		Classi	Classification			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	hydraulic conductivity micro m/sec	Soil Reaction (pH)	
1	0 inches	14 inches	sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.3 Min: 6.6	
2	14 inches	33 inches	loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Poorly graded sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.6	
3	33 inches	59 inches	stratified gravelly sand to gravelly loamy sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Sands, Clean Sands, Well-graded sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 141 Min: 42	Max: 7.8 Min: 6.6	

Soil Map ID: 4

Soil Component Name: REIFF

Soil Surface Texture: fine sandy loam

Hydrologic Group: Class B - Moderate infiltration rates. Deep and moderately deep,

moderately well and well drained soils with moderately coarse

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information							
	Воц	ındary		Classi	fication	Saturated hydraulic		
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)	
1	0 inches	14 inches	fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.1	
2	14 inches	42 inches	stratified sandy loam to loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6	
3	42 inches	59 inches	stratified sandy loam to loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 42 Min: 14	Max: 8.4 Min: 6.6	

Soil Map ID: 5

Soil Component Name: **SALINAS**

Soil Surface Texture: clay loam

Class B - Moderate infiltration rates. Deep and moderately deep, moderately well and well drained soils with moderately coarse Hydrologic Group:

textures.

Soil Drainage Class: Well drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: High

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information							
Boundary		Boundary	Classi	fication	Saturated hydraulic			
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec	Soil Reaction (pH)	
1	0 inches	22 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6	
2	22 inches	46 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 6.6	
3	46 inches	64 inches	loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 4 Min: 1.4	Max: 8.4 Min: 7.9	

Soil Map ID: 6

Soil Component Name: Gravel pits

Soil Surface Texture: very gravelly sand

Hydrologic Group: Class A - High infiltration rates. Soils are deep, well drained to

excessively drained sands and gravels.

Soil Drainage Class: Excessively drained

Hydric Status: Not hydric

Corrosion Potential - Uncoated Steel: Not Reported

Depth to Bedrock Min: > 0 inches

Depth to Watertable Min: > 0 inches

	Soil Layer Information							
	Воц	ındary		Classi	fication	Saturated hydraulic	Oon Reaction	
Layer	Upper	Lower	Soil Texture Class	AASHTO Group	Unified Soil	conductivity micro m/sec		
1	0 inches	5 inches	very gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILIS, Gravels, Clean Gravels, Well-graded gravel.	Max: 141 Min: 42	Max: Min:	
2	5 inches	59 inches	very gravelly sand	Granular materials (35 pct. or less passing No. 200), Stone Fragments, Gravel and Sand.	COARSE-GRAINED SOILS, Gravels, Clean gravels, Poorly Graded Gravel.	Max: 141 Min: 42	Max: Min:	

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

DATABASE SEARCH DISTANCE (miles)

Federal USGS 1.000

Federal FRDS PWS Nearest PWS within 0.001 miles

State Database 1.000

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
A2	USGS40000129810	1/8 - 1/4 Mile South
A3	USGS40000129809	1/8 - 1/4 Mile South
A4	USGS40000129806	1/8 - 1/4 Mile South
A5	USGS40000129807	1/8 - 1/4 Mile South
A6	USGS40000129808	1/8 - 1/4 Mile South
12	USGS40000129800	1/4 - 1/2 Mile SSW
13	USGS40000129832	1/4 - 1/2 Mile NNE

FEDERAL USGS WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
16	USGS40000129829	1/2 - 1 Mile NE
17	USGS40000129794	1/2 - 1 Mile SW
C18	USGS40000129828	1/2 - 1 Mile ENE
19	USGS40000129824	1/2 - 1 Mile ENE
C20	USGS40000129827	1/2 - 1 Mile ENE

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

MAP ID WELL ID FROM TP

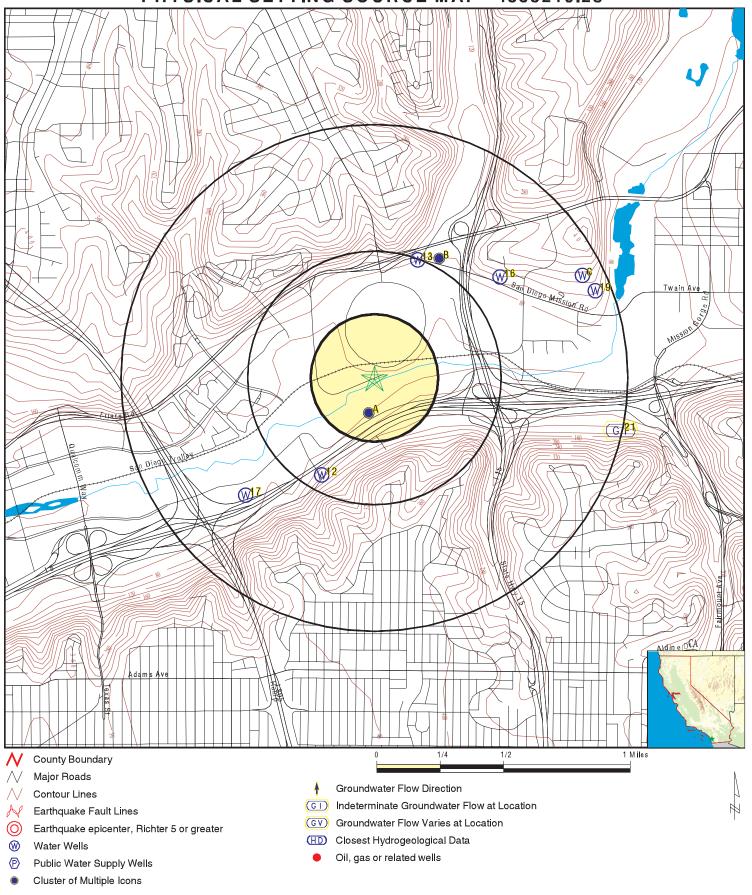
No PWS System Found

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

MAP ID	WELL ID	LOCATION FROM TP
	CADW50000000296	1/8 - 1/4 Mile South
A7	CADW5000000294	1/8 - 1/4 Mile South
A8	CADW5000000295	1/8 - 1/4 Mile South
A9	CADW5000000291	1/8 - 1/4 Mile South
A10	CADW5000000292	1/8 - 1/4 Mile South
A11	CADW5000000293	1/8 - 1/4 Mile South

PHYSICAL SETTING SOURCE MAP - 4333219.2s



SITE NAME: San Diego River Trail Qualcomm Segment

ADDRESS: 9449 Friars Road

San Diego CA 92108 LAT/LONG: 32.7801 / 117.1205

Allied Geotechnical

CLIENT: Allied Geotec CONTACT: Sani Sutanto INQUIRY#: 4333219.2s

DATE: June 22, 2015 5:01 pm

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance

Elevation Database EDR ID Number

A1 South

CA WELLS CADW50000000296

USGS40000129810

FED USGS

1/8 - 1/4 Mile Higher

> Latitude : 32.778106 Longitude : 117.120864

Site code: 327781N1171209W006 Casgem sta: Not Reported Local well: Aqua Culture Casgem s 1: Observation

County id: 37

Basin cd:9-14Basin desc:Mission ValleyOrg unit n:Southern Region OfficeSite id:CADW50000000296

South 1/8 - 1/4 Mile Higher

her

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-324641117071505 Monloc name: 016S002W18J007S

Monloc type: Well

Monloc desc: Not Reported

Not Reported Not Reported Huc code: Drainagearea value: Drainagearea Units: Not Reported Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported Latitude: 32.7781056 Longitude: -117.1208639 24000 Sourcemap scale: Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Global positioning system (GPS), uncorrected

Horiz coord refsys: NAD83 Vert measure val: 59.87 Vert measure units: feet Vertacc measure val: .5

Vert accmeasure units: feet

Vertcollection method: Global Positioning System

Vert coord refsys: NAVD88 Countrycode: US

Aquifername: Other aquifers
Formation type: Not Reported
Aquifer type: Not Reported

Construction date: 20041028 Welldepth: 50 Welldepth units: ft Wellholedepth: 949.5

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 0

A3 FED USGS USGS40000129809
1/8 - 1/4 Mile

Higher

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-324641117071504 Monloc name: 016S002W18J006S

Monloc type: Well

Monloc desc: Not Reported

Huc code:Not ReportedDrainagearea value:Not ReportedDrainagearea Units:Not ReportedContrib drainagearea:Not ReportedContrib drainagearea units:Not ReportedLatitude:32.7781056Longitude:-117.1208639Sourcemap scale:24000

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure: .1 Horiz Acc measure units: seconds

Horiz Collection method: Global positioning system (GPS), uncorrected

Horiz coord refsys: NAD83 Vert measure val: 59.87 Vert measure units: feet Vertacc measure val: 10

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Other aquifers
Formation type: Not Reported
Aquifer type: Not Reported
Occupations datasets

Aquifer type: Not Reported
Occupations datasets

Aquifername: Other aquifers

Construction date: 20041028 Welldepth: 165
Welldepth units: ft Wellholedepth: 949.5

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 0

A4 South FED USGS USGS40000129806

1/8 - 1/4 Mile Higher

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-324641117071501 Monloc name: 016S002W18J003S

Monloc type: Well

Monloc desc: Not Reported

Not Reported Huc code: Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported Latitude: 32.7781056 -117.1208639 24000 Longitude: Sourcemap scale: Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Global positioning system (GPS), uncorrected

Horiz coord refsys: NAD83 Vert measure val: 59.87 Vert measure units: feet Vertacc measure val: .5

Vert accmeasure units: feet

Vertcollection method: Global Positioning System

Vert coord refsys: NAVD88 Countrycode: US

Aquifername: Other aquifers
Formation type: Not Reported
Aquifer type: Not Reported

Construction date: 20041028 Welldepth: 940 Welldepth units: ft Wellholedepth: 949.5

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 0

A5
South FED USGS USGS40000129807

1/8 - 1/4 Mile Higher

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-324641117071502 Monloc name: 016S002W18J004S

Monloc type: Well

Monloc desc: Not Reported

Huc code:Not ReportedDrainagearea value:Not ReportedDrainagearea Units:Not ReportedContrib drainagearea:Not ReportedContrib drainagearea units:Not ReportedLatitude:32.7781056Longitude:-117.1208639Sourcemap scale:24000

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Horiz Acc measure: .1 Horiz Acc measure units: seconds

Horiz Collection method: Global positioning system (GPS), uncorrected

Horiz coord refsys: NAD83 Vert measure val: 59.87 Vert measure units: feet Vertacc measure val: .5

Vert accmeasure units: feet

Vertcollection method: Global Positioning System

Vert coord refsys: NAVD88 Countrycode: US

Aquifername: Other aquifers
Formation type: Not Reported
Aquifer type: Not Reported

Construction date: 20041028 Welldepth: 730 Welldepth units: ft Wellholedepth: 949.5

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 0

A6
South
1/8 - 1/4 Mile

FED USGS USGS40000129808

1/8 - 1/4 M Higher

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-324641117071503 Monloc name: 016S002W18J005S

Monloc type: Well

Monloc desc: Not Reported

Not Reported Not Reported Huc code: Drainagearea value: Drainagearea Units: Not Reported Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported Latitude: 32.7781056 Longitude: -117.1208639 24000 Sourcemap scale: Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Global positioning system (GPS), uncorrected

Horiz coord refsys: NAD83 Vert measure val: 59.87 Vert measure units: feet Vertacc measure val: .5

Vert accmeasure units: feet

Vertcollection method: Global Positioning System

Vert coord refsys: NAVD88 Countrycode: US

Aquifername: Other aquifers
Formation type: Not Reported
Aquifer type: Not Reported

Construction date: 20041028 Welldepth: 485 Welldepth units: ft Wellholedepth: 949.5

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 0

South CA WELLS CADW5000000294

1/8 - 1/4 Mile Higher

Latitude : 32.7781 Longitude : 117.1209

Site code: 327781N1171209W003 Casgem sta: 16S02W18J005S Local well: Not Reported Casgem s 1: Unknown

County id: 37

Basin cd:9-14Basin desc:Mission ValleyOrg unit n:Southern Region OfficeSite id:CADW50000000294

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance

Elevation Database EDR ID Number

A8
South
1/8 - 1/4 Mile

CA WELLS

CADW50000000295

Higher

Latitude : 32.7781 Longitude : 117.1209

Site code: 327781N1171209W005 Casgem sta: 16S02W18J007S Local well: Not Reported Casgem s 1: Unknown

County id: 37

Basin cd: 9-14 Basin desc: Mission Valley

Org unit n: Southern Region Office Site id: CADW50000000295

A9 South CA WELLS CADW5000000291

1/8 - 1/4 Mile Higher

> Latitude : 32.7781 Longitude : 117.1209

Site code: 327781N1171209W001 Casgem sta: 16S02W18J003S Local well: Not Reported Casgem s 1: Unknown

County id: 37

Basin cd: 9-14 Basin desc: Mission Valley

Org unit n: Southern Region Office Site id: CADW50000000291

A10 South CA WELLS CADW50000000292

South 1/8 - 1/4 Mile Higher

Latitude : 32.7781

Longitude : 117.1209
Site code: 327781N1171209W002 Casgem sta: 16S02W18J004S

Local well: Not Reported Casgem s 1: Unknown County id: Unknown

Basin cd: 9-14 Basin desc: Mission Valley
Org unit n: Southern Region Office Site id: CADW50000000292

1/8 - 1/4 Mile Higher

> Latitude : 32.7781 Longitude : 117.1209

Site code: 327781N1171209W004 Casgem sta: 16S02W18J006S Local well: Not Reported Casgem s 1: Unknown

County id: 37

Basin cd:9-14Basin desc:Mission ValleyOrg unit n:Southern Region OfficeSite id:CADW50000000293

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance

12

Elevation Database EDR ID Number

SSW 1/4 - 1/2 Mile FED USGS USGS40000129800

1/4 - 1/2 Mile Higher

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-324628117072601 Monloc name: 016S002W18N001S

Monloc type: Well

Monloc desc: Not Reported

Not Reported Drainagearea value: Not Reported Huc code: Not Reported Contrib drainagearea: Not Reported Drainagearea Units: 32.7745444 Contrib drainagearea units: Not Reported Latitude: Longitude: -117.1240722 Sourcemap scale: 24000 Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Interpolated from Digital Map

Horiz coord refsys: NAD83 Vert measure val: 95 Vert measure units: feet Vertacc measure val: 10

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Other aquifers
Formation type: Not Reported
Aquifer type: Not Reported

Construction date: Not Reported Welldepth: Not Reported

Welldepth units: Not Reported Wellholedepth: 18

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 0

13 NNE FED USGS USGS40000129832

1/4 - 1/2 Mile Higher

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-324712117070301 Monloc name: 016S002W08N001S

Monloc type: Well

Monloc desc: Not Reported

Huc code: Not Reported Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported 32.7868611 Latitude: -117.1175556 Longitude: 24000 Sourcemap scale: Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Global positioning system (GPS), uncorrected

Horiz coord refsys: NAD83 Vert measure val: 72
Vert measure units: feet Vertacc measure val: 10

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Other aquifers
Formation type: Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type: Not Reported

Construction date: 19881112 Welldepth: Not Reported

Welldepth units: Not Reported Wellholedepth: 21

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 0

B14 Site ID: Not Reported

NNE
1/2 - 1 Mile
Higher

Groundwater Flow:
Shallow Water Depth:
Not Reported
Not Reported

Deep Water Depth: Not Reported

Average Water Depth: 8

Date: 07/31/1991

B15 Site ID: Not Reported NNE Groundwater Flow: S

NNE Groundwater Flow: S
1/2 - 1 Mile Shallow Water Depth: Not Reported

Higher Snallow Water Depth: Not Reported Deep Water Depth: Not Reported

Average Water Depth: 20

Date: 01/28/1987

16
NE FED USGS USGS40000129829
1/2 - 1 Mile

Higher

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-324709117064001 Monloc name: 016S002W17C001S

Monloc type: Well

Monloc desc: Not Reported

Huc code: Not Reported Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported 32.7858832 Latitude: Longitude: -117.1119763 Sourcemap scale: 24000 Horiz Acc measure: Horiz Acc measure units: seconds Horiz Collection method: Interpolated from map

Horiz coord refsys: NAD83 Vert measure val: 115
Vert measure units: feet Vertacc measure val: 10

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Other aquifers
Formation type: Not Reported
Aquifer type: Not Reported

Construction date: Not Reported Welldepth: Not Reported Welldepth units: Not Reported Wellholedepth: Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 0

7 SW FED USGS USGS40000129794

1/2 - 1 Mile Higher **AQUIFLOW**

AQUIFLOW

38465

38404

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-324624117074201 Monloc name: 016S002W19D001S

Monloc type: Well

Monloc desc: Not Reported

Huc code: Not Reported Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported 32.7733834 Latitude: -117.1292268 24000 Longitude: Sourcemap scale: Horiz Acc measure: Unknown Horiz Acc measure units: Unknown

Horiz Collection method: Unknown

Horiz coord refsys: NAD83 Vert measure val: 50 Vert measure units: feet Vertacc measure val: 10

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Other aquifers
Formation type: Not Reported
Aquifer type: Not Reported

Construction date: Not Reported Welldepth: Not Reported

Welldepth units: Not Reported Wellholedepth: 57.6

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 0

1/2 - 1 Mile Higher

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-324709117062501 Monloc name: 016S002W17B002S

Monloc type: Well

Monloc desc: Not Reported Huc code: Not Reported Drainagearea value: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported 32.7859444 Latitude: Longitude: -117.107 Sourcemap scale: 24000 Horiz Acc measure: .1 Horiz Acc measure units: seconds

Horiz Collection method: Global positioning system (GPS), uncorrected
Horiz coord refsys: Vert measure val: 140
Vert measure units: feet Vertacc measure val: 10

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Other aquifers
Formation type: Not Reported
Aquifer type: Not Reported

Construction date: Not Reported Welldepth: Not Reported Welldepth units: Not Reported Wellholedepth: Not Reported

Wellholedepth units: Not Reported

Ground-water levels, Number of Measurements: 0

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID Direction Distance

Elevation Database EDR ID Number

19 ENE FED USGS USGS40000129824

1/2 - 1 Mile Higher

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-324706117061901 Monloc name: 016S002W17B001S

Monloc type: Well

Monloc desc: Not Reported

Not Reported Drainagearea value: Not Reported Huc code: Not Reported Drainagearea Units: Not Reported Contrib drainagearea: 32.7850944 Contrib drainagearea units: Not Reported Latitude: Longitude: -117.1055194 Sourcemap scale: 24000 Horiz Acc measure: .1 Horiz Acc measure units: seconds

Horiz Collection method: Global positioning system (GPS), uncorrected

Horiz coord refsys: NAD83 Vert measure val: 130 Vert measure units: 130 Vert measure val: 10

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Other aquifers
Formation type: Not Reported
Aquifer type: Not Reported

Construction date: 20010129 Welldepth: 385 Welldepth units: ft Wellholedepth: 385

Wellholedepth units: ft

Ground-water levels, Number of Measurements: 0

C20
ENE FED USGS USGS40000129827

1/2 - 1 Mile Higher

Org. Identifier: USGS-CA

Formal name: USGS California Water Science Center

Monloc Identifier: USGS-324709117062001 Monloc name: 016S002W17B003S

Monloc type: Well

Monloc desc: Not Reported

Not Reported Drainagearea value: Not Reported Huc code: Drainagearea Units: Not Reported Contrib drainagearea: Not Reported Contrib drainagearea units: Not Reported 32.786 Latitude: Longitude: -117.1057778 24000 Sourcemap scale: Horiz Acc measure: Horiz Acc measure units: seconds

Horiz Collection method: Global positioning system (GPS), uncorrected

Horiz coord refsys: NAD83 Vert measure val: 150 Vert measure units: feet Vertacc measure val: 10

Vert accmeasure units: feet

Vertcollection method: Interpolated from topographic map

Vert coord refsys: NGVD29 Countrycode: US

Aquifername: Other aquifers
Formation type: Not Reported

GEOCHECK®-PHYSICAL SETTING SOURCE MAP FINDINGS

Aquifer type: Not Reported Construction date: Not Reported

Welldepth units: Not Reported Wellholedepth units: Not Reported

Welldepth: Not Reported Wellholedepth: Not Reported

AQUIFLOW

55060

Ground-water levels, Number of Measurements: 0

21 ESE 1/2 - 1 Mile Higher Site ID: Not Reported
Groundwater Flow: Not Reported
Shallow Water Depth: Not Reported
Deep Water Depth: Not Reported

Average Water Depth: 47

Date: 07/26/1990

TC4333219.2s Page A-22

GEOCHECK®- PHYSICAL SETTING SOURCE MAP FINDINGS RADON

AREA RADON INFORMATION

State Database: CA Radon

Radon Test Results

Zipcode	Num Tests	> 4 pCi/L
92108	6	0

Federal EPA Radon Zone for SAN DIEGO County: 3

Note: Zone 1 indoor average level > 4 pCi/L.

: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.

: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN DIEGO COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor Living Area - 2nd Floor	0.677 pCi/L 0.400 pCi/L	100% 100%	0% 0%	0% 0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

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.

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Water Well Database

Source: Department of Water Resources

Telephone: 916-651-9648

California Drinking Water Quality Database Source: Department of Public Health

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

OTHER STATE DATABASE INFORMATION

California Oil and Gas Well Locations Source: Department of Conservation

Telephone: 916-323-1779

Oil and Gas well locations in the state.

RADON

State Database: CA Radon

Source: Department of Health Services

Telephone: 916-324-2208 Radon Database for California

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency

(USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at

private sources such as universities and research institutions.

EPA Radon Zones Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor

radon levels.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

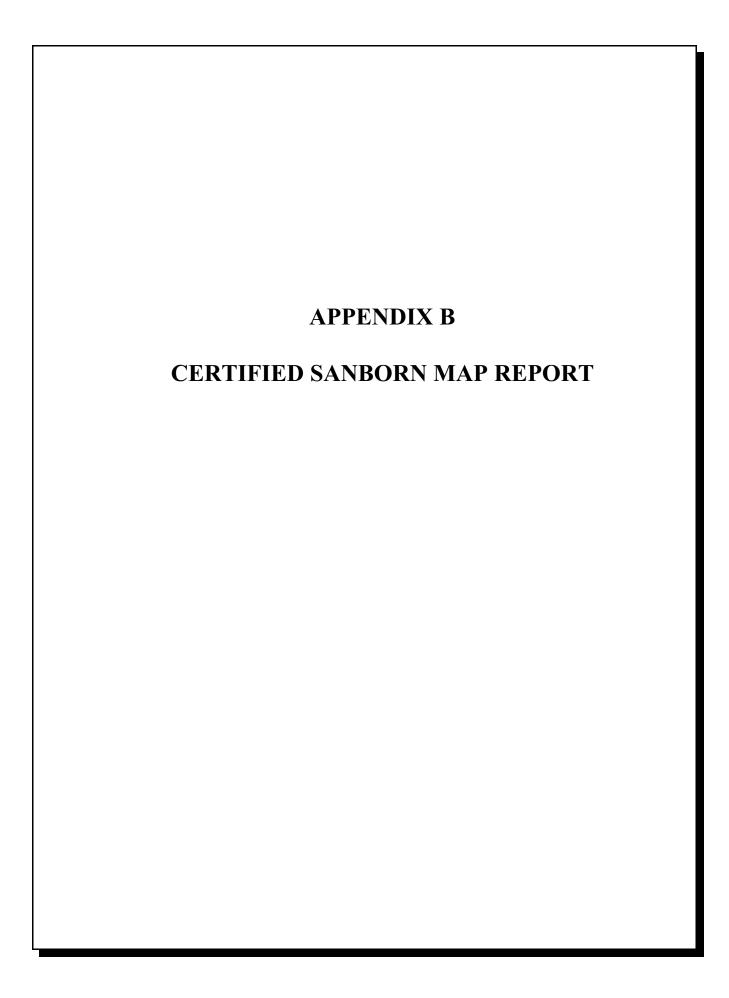
Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

California Earthquake Fault Lines: The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

STREET AND ADDRESS INFORMATION

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San Diego River Trail Qualcomm Segment

9449 Friars Road San Diego, CA 92108

Inquiry Number: 4333219.3

June 22, 2015

Certified Sanborn® Map Report



Certified Sanborn® Map Report

6/22/15

Site Name:

San Diego River Trail
9449 Friars Road
San Diego, CA 92108

Client Name:
Allied Geotechnical
9500 Cuyamaca
Santee, CA 92071

EDR Inquiry # 4333219.3 Contact: Sani Sutanto



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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:

Site Name: San Diego River Trail Qualcomm Segment

Address: 9449 Friars Road City, State, Zip: San Diego, CA 92108

Cross Street:

P.O. # 54A6

Project: SDRT-Qualcomm Stadium

Certification # 58C3-4580-839A



Sanborn® Library search results Certification # 58C3-4580-839A

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

Library of Congress

✓ University Publications of America

▼ EDR Private Collection

The Sanborn Library LLC Since 1866™

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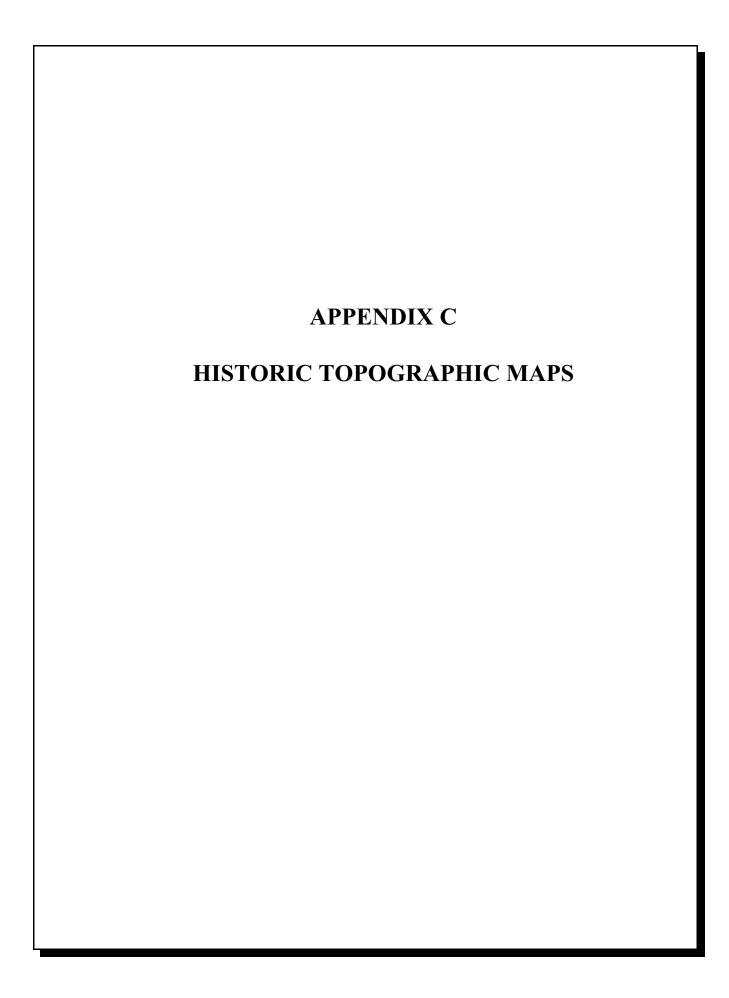
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San Diego River Trail Qualcomm Segment

9449 Friars Road San Diego, CA 92108

Inquiry Number: 4333219.4

June 23, 2015

EDR Historical Topographic Map Report



EDR Historical Topographic Map Report

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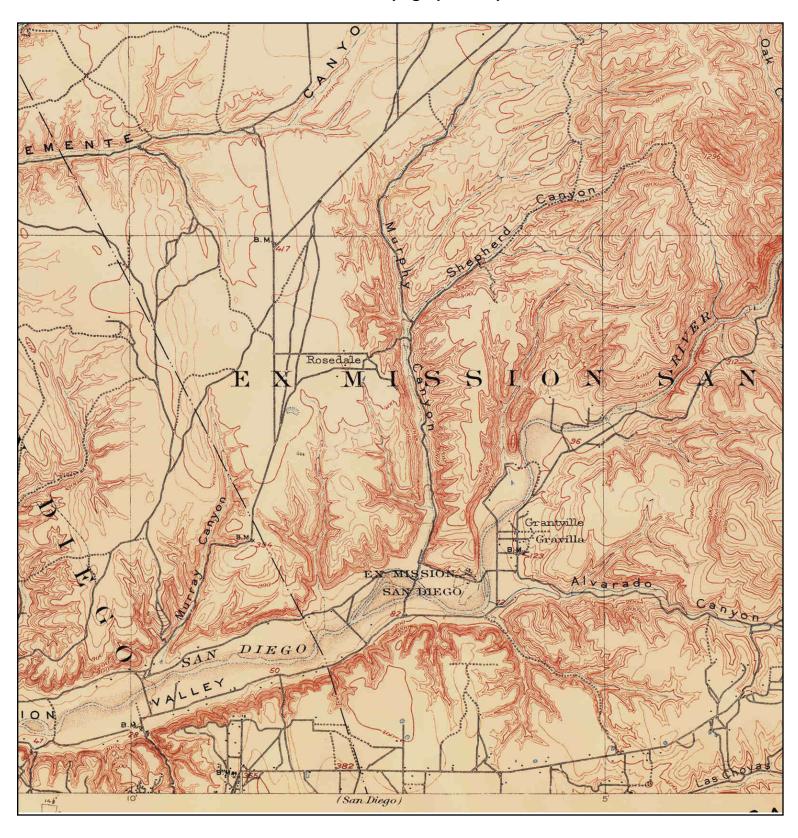
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NAME: LA JOLLA MAP YEAR: 1903

SERIES: 15 SCALE: 1:62500 SITE NAME: San Diego River Trail Qualcomm Segment

ADDRESS: 9449 Friars Road

San Diego, CA 92108 LAT/LONG: 32.7801 / -117.1205 CLIENT: Allied Geotechnical CONTACT: Sani Sutanto

INQUIRY#: 4333219.4 RESEARCH DATE: 06/23/2015



Unsurveyed Area on the Topographic Map

N NAME: SC

NAME: SOUTHERN CA SHEET 2

MAP YEAR: 1904

SERIES: 60

SCALE: 1:250000

SITE NAME: San Diego River Trail

Qualcomm Segment

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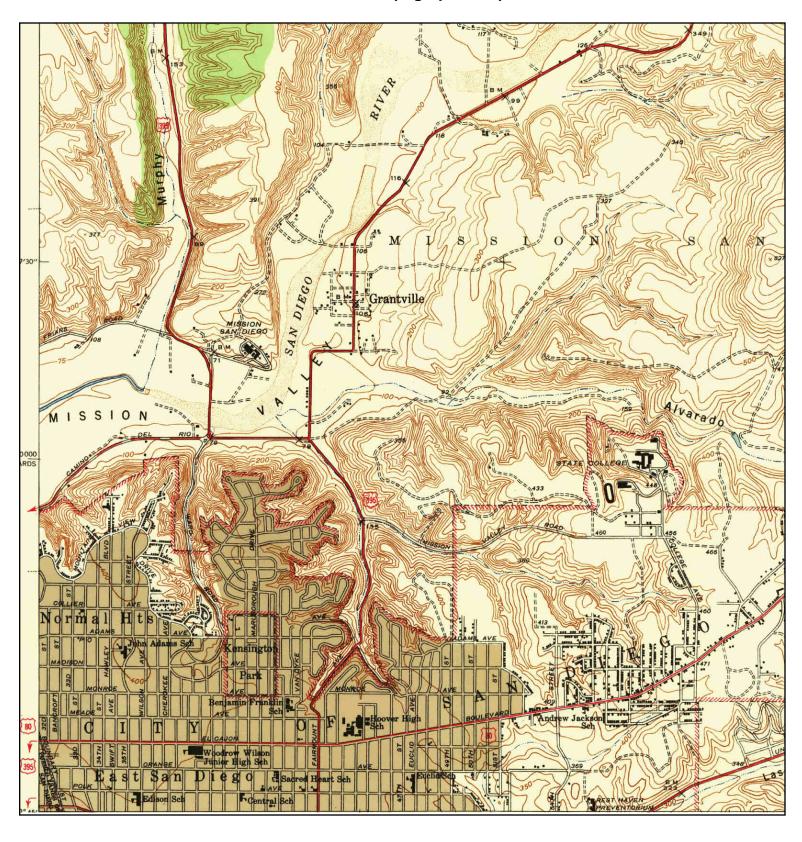
San Diego, CA 92108

LAT/LONG: 32.7801 / -117.1205

CLIENT: Allied Geotechnical

CONTACT: Sani Sutanto INQUIRY#: 4333219.4

RESEARCH DATE: 06/23/2015





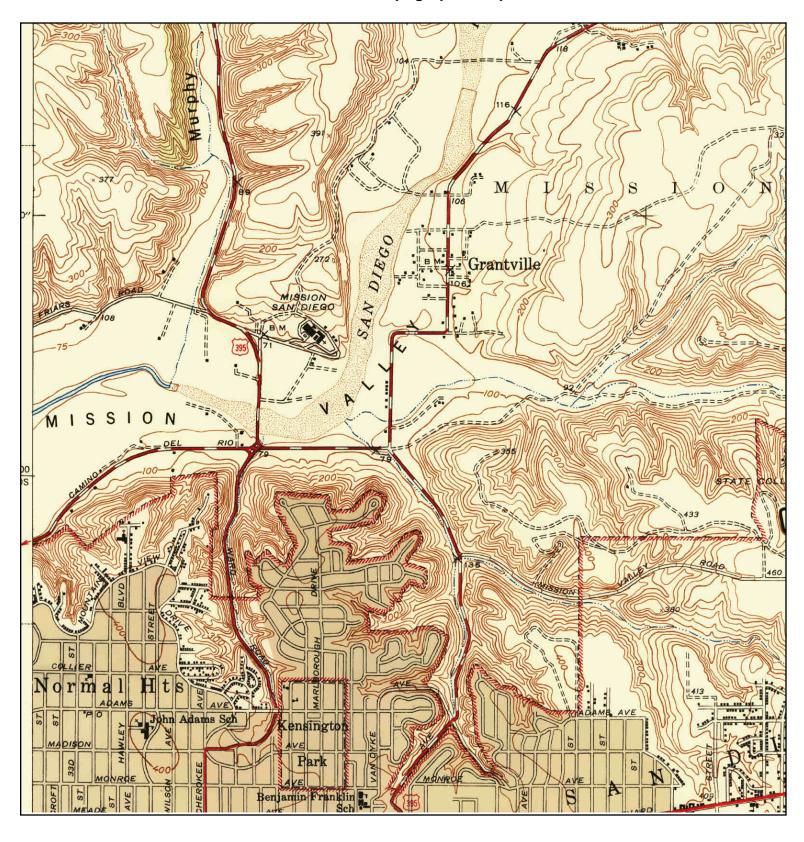
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MAP YEAR: 1942

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Qualcomm Segment
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San Diego, CA 92108 LAT/LONG: 32.7801 / -117.1205 CLIENT: Allied Geotechnical





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MAP YEAR: 1947

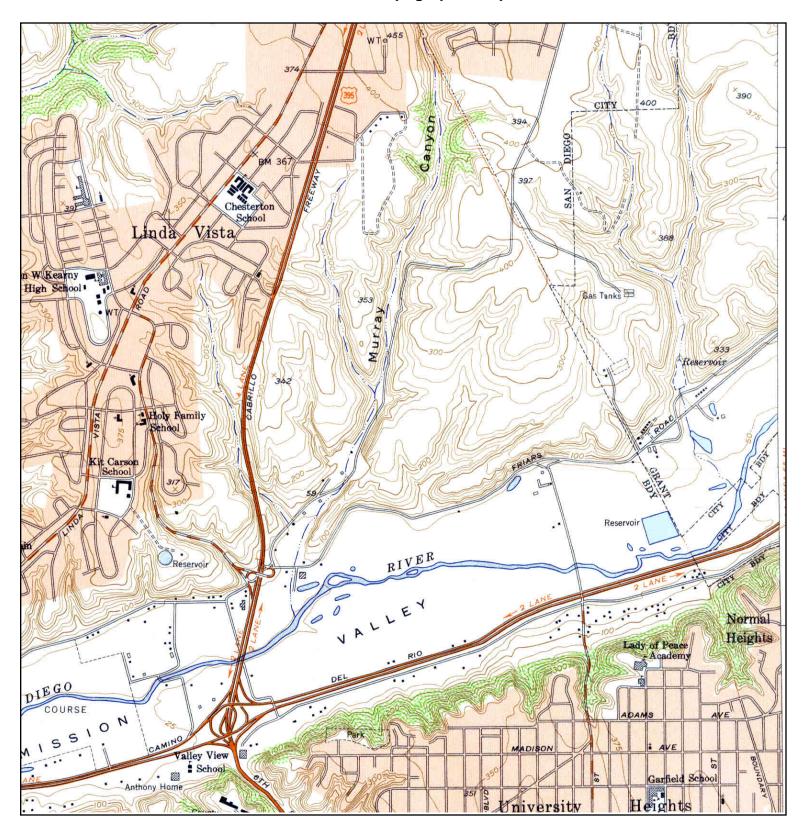
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San Diego, CA 92108

LAT/LONG: 32.7801 / -117.1205

CLIENT: Allied Geotechnical





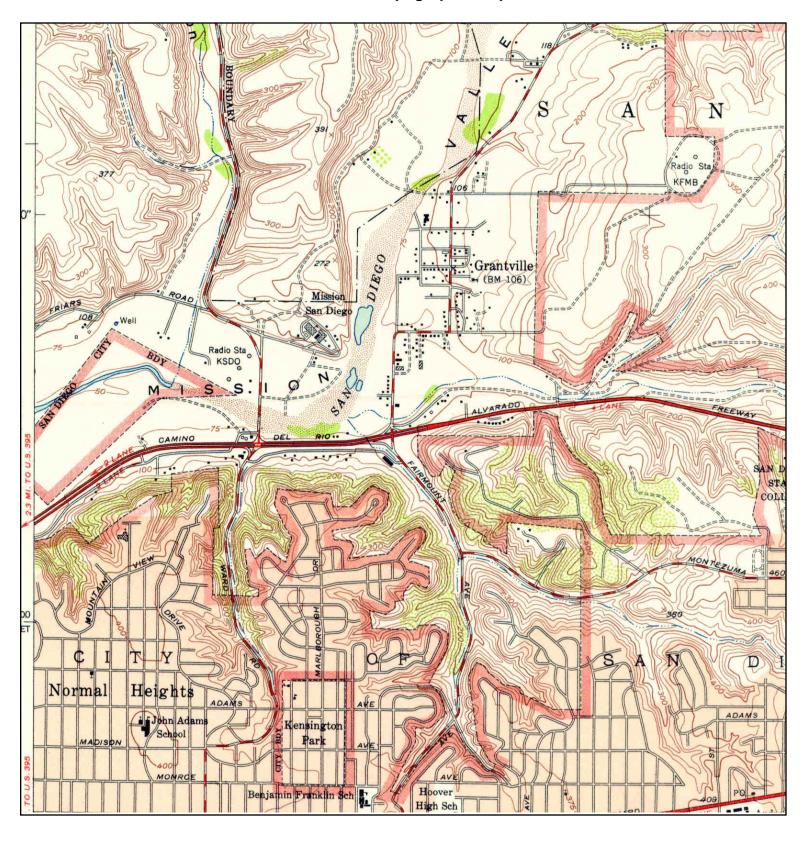
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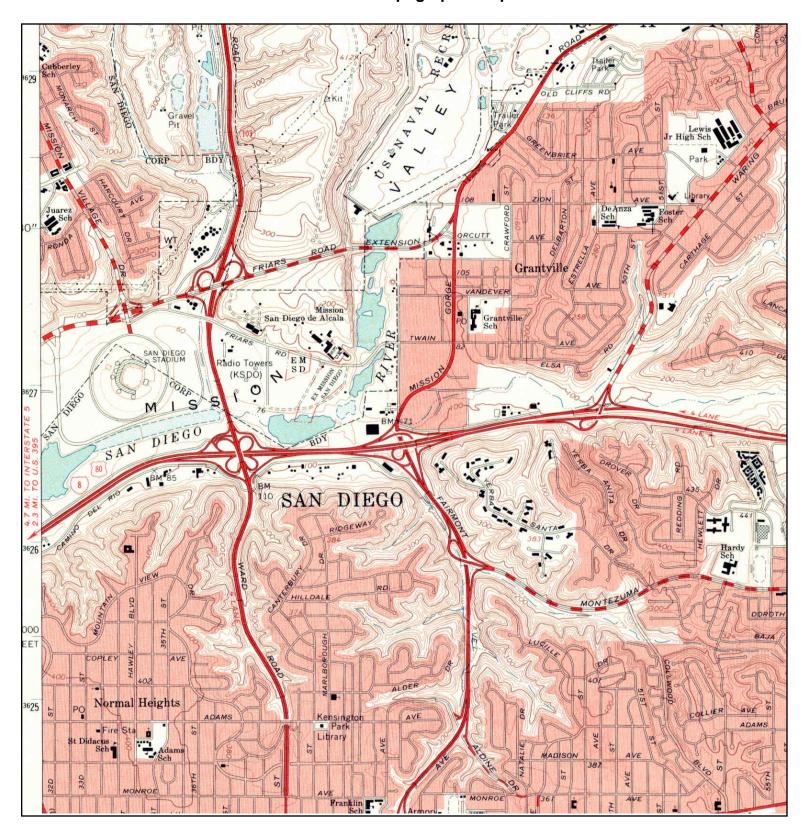
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LAT/LONG:

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San Diego, CA 92108 32.7801 / -117.1205 CLIENT: Allied Geotechnical
CONTACT: Sani Sutanto
INQUIRY#: 4333219.4
RESEARCH DATE: 06/23/2015





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MAP YEAR: 1967

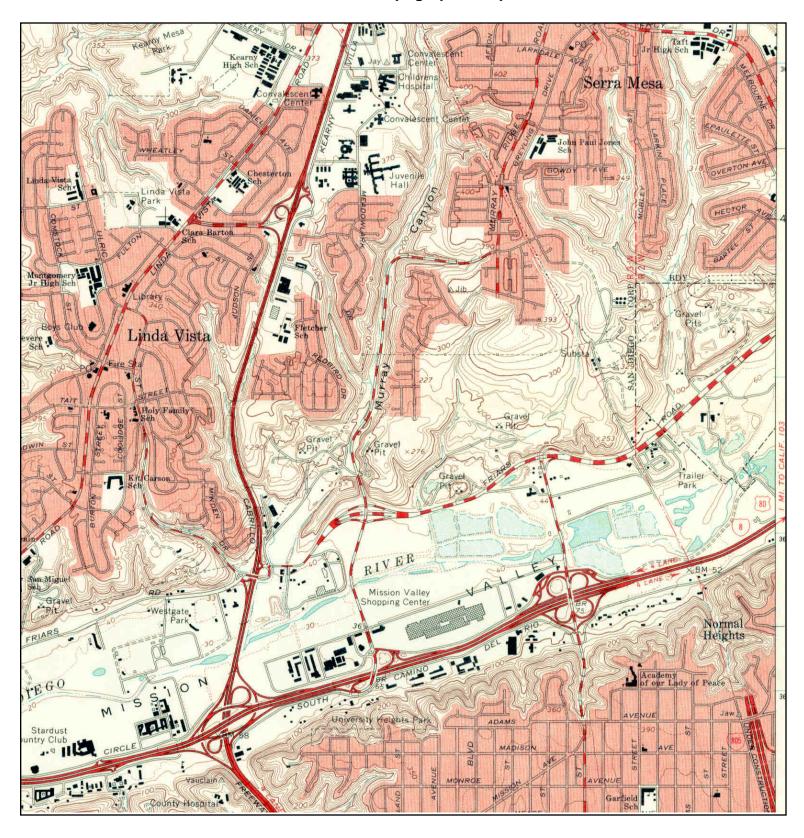
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Qualcomm Segment

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LAT/LONG: 32.7801 / -117.1205

CLIENT: Allied Geotechnical





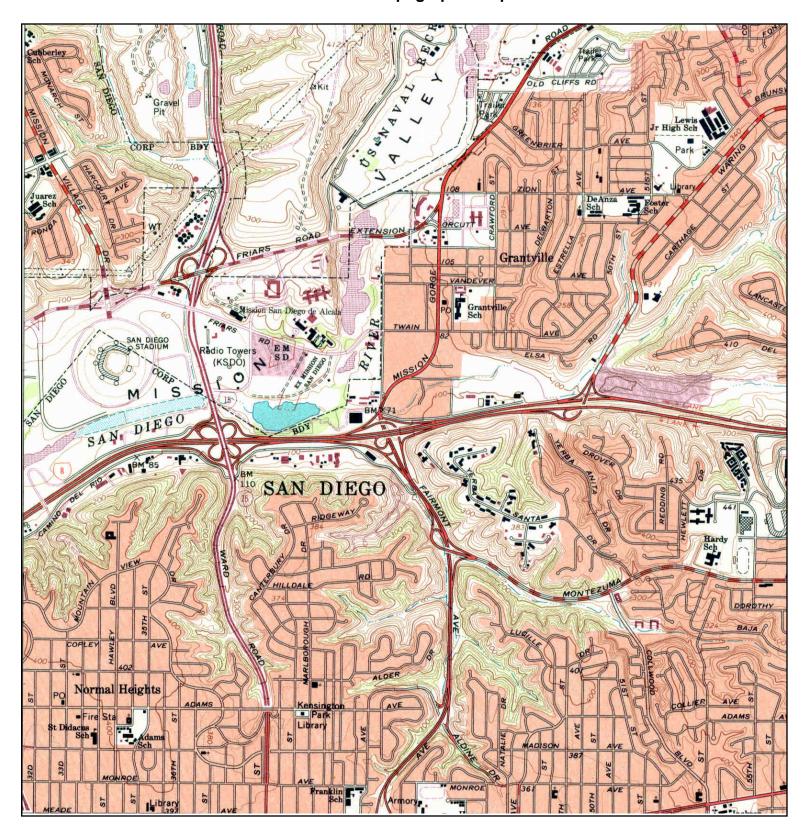
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MAP YEAR: 1975 PHOTOREVISED FROM:1967

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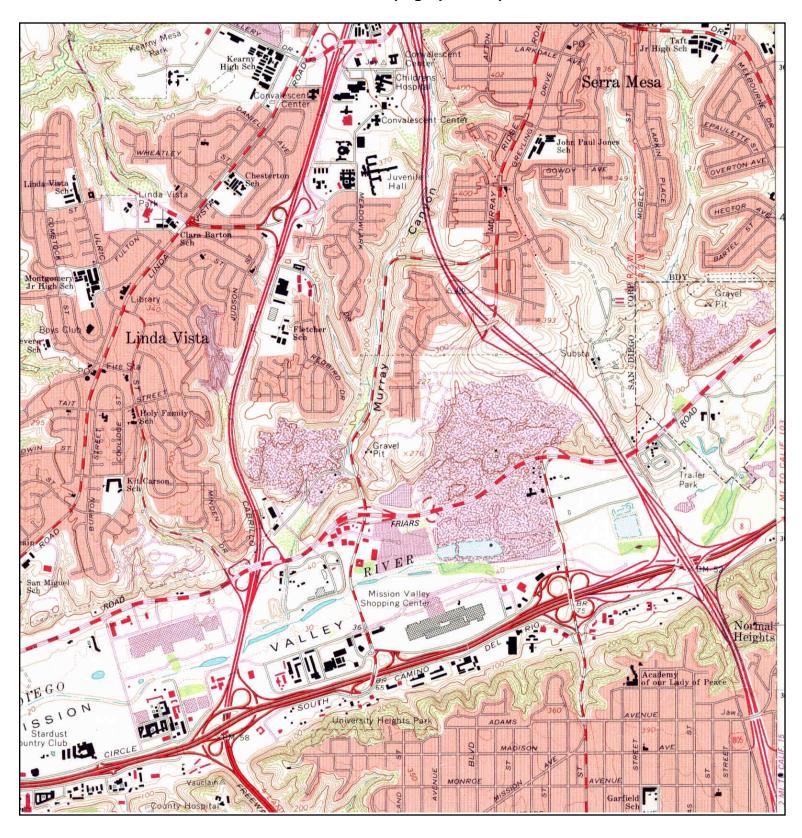
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San Diego, CA 92108

LAT/LONG: 32.7801 / -117.1205

CLIENT: Allied Geotechnical CONTACT: Sani Sutanto INQUIRY#: 4333219.4

RESEARCH DATE: 06/23/2015





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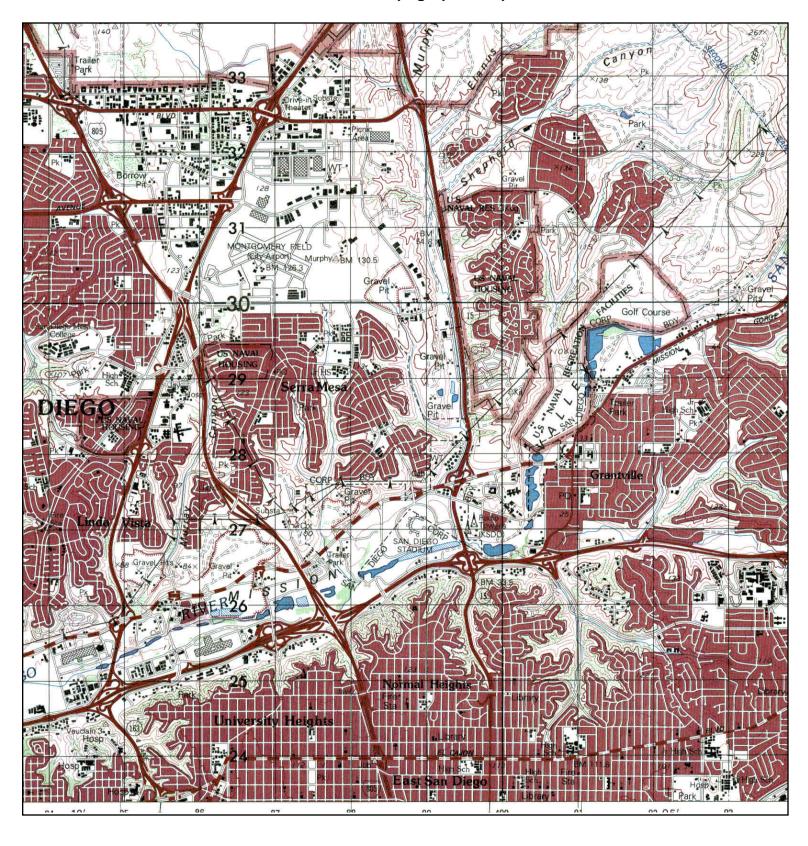
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RESEARCH DATE: 06/23/2015





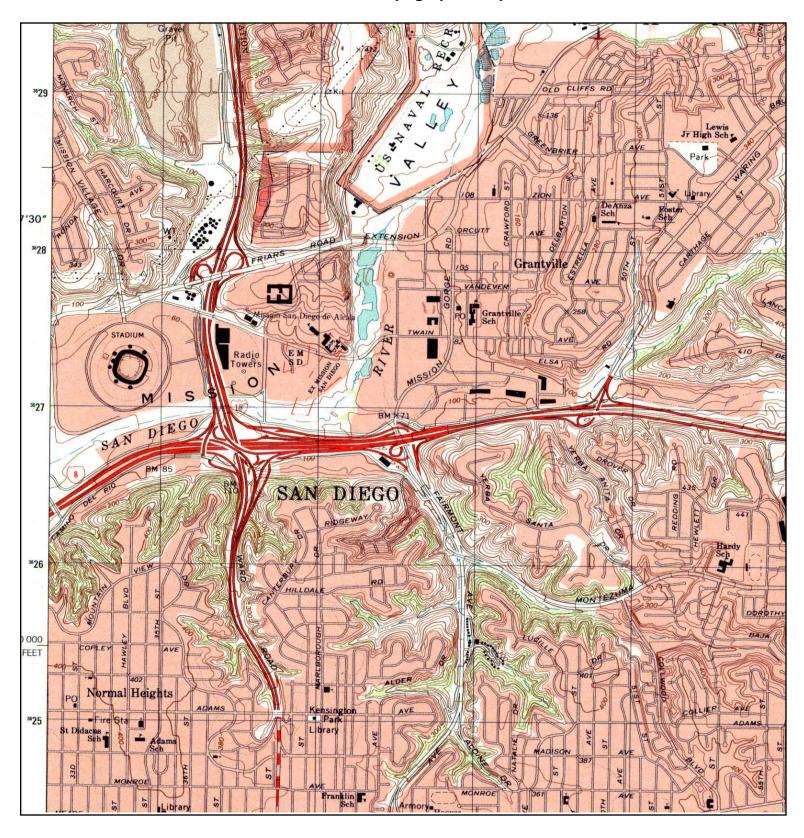
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Qualcomm Segment
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San Diego, CA 92108 LAT/LONG: 32.7801 / -117.1205 CLIENT: Allied Geotechnical





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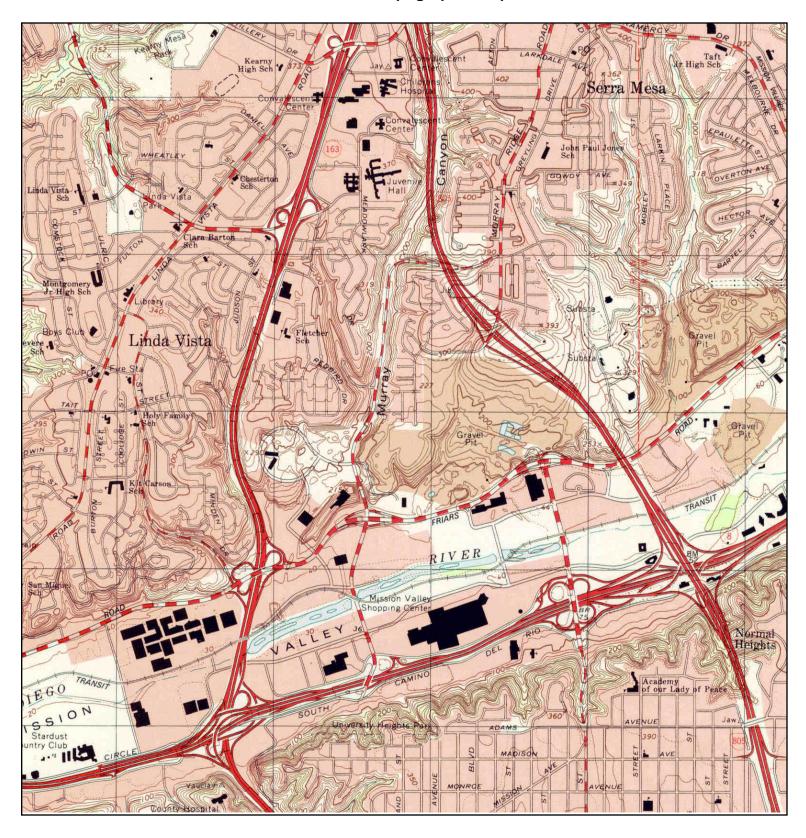
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Qualcomm Segment

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LAT/LONG: 32.7801 / -117.1205

CLIENT: Allied Geotechnical





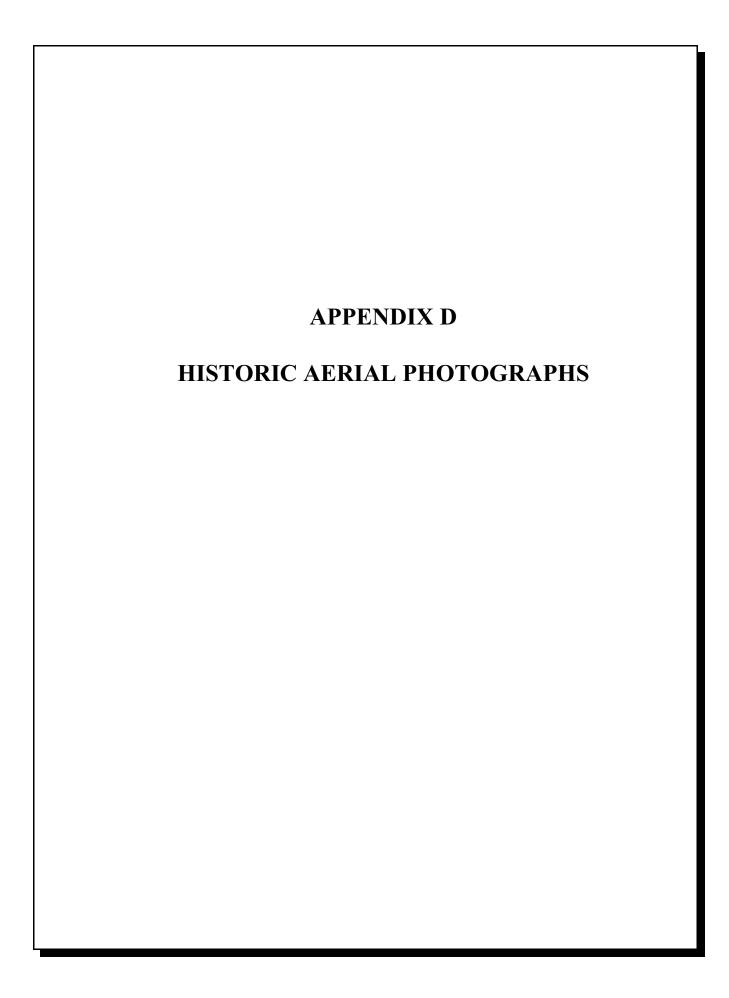
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ADDRESS: 9449 Friars Road

San Diego, CA 92108 LAT/LONG: 32.7801 / -117.1205 CLIENT: Allied Geotechnical



San Diego River Trail Qualcomm Segment

9449 Friars Road San Diego, CA 92108

Inquiry Number: 4333219.9

June 24, 2015

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Date EDR Searched Historical Sources:

Aerial Photography June 24, 2015

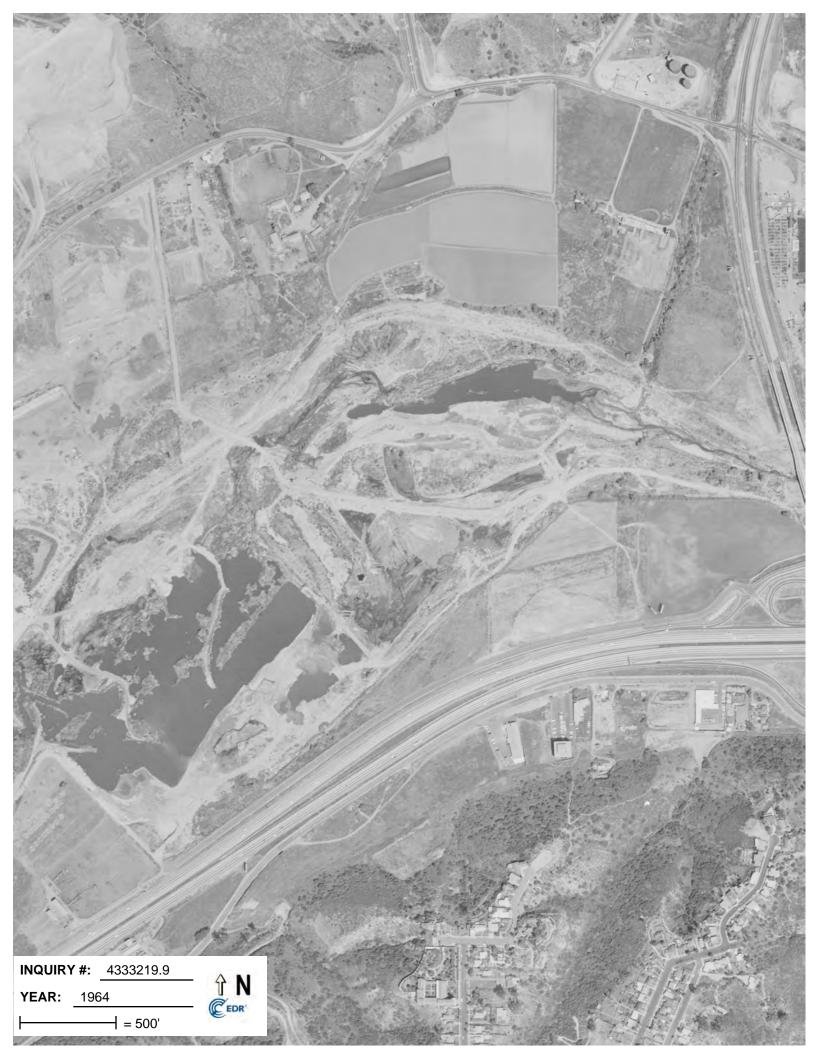
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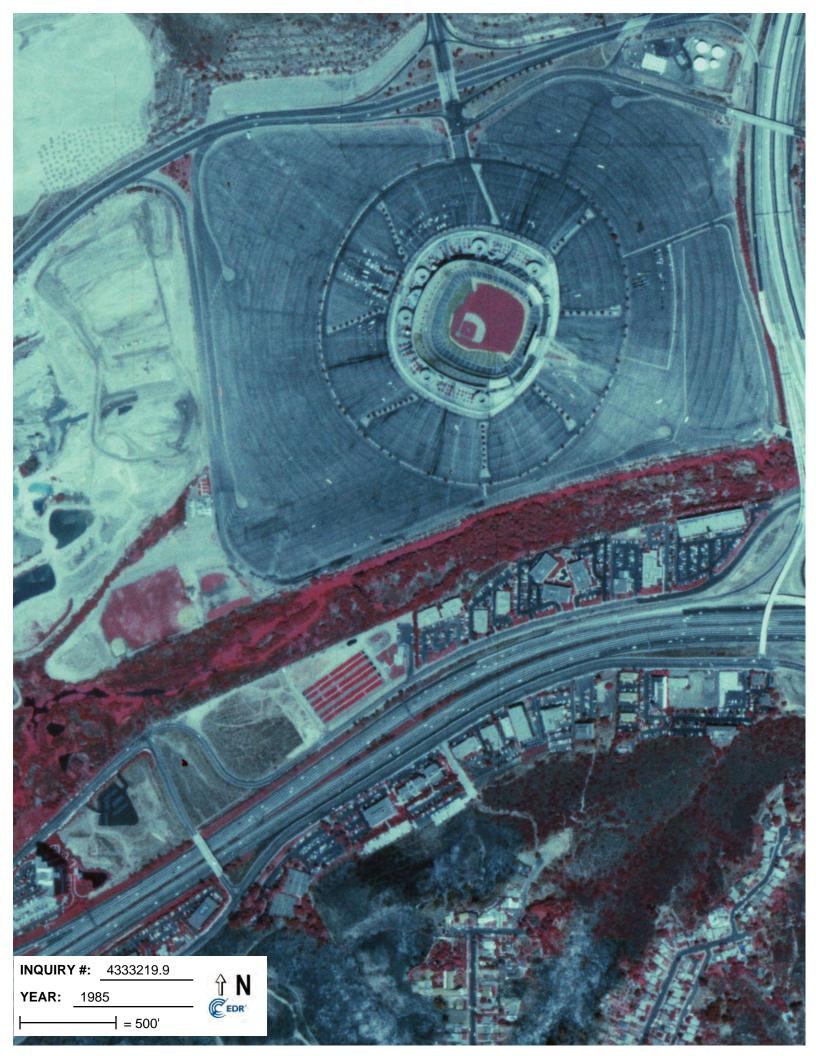


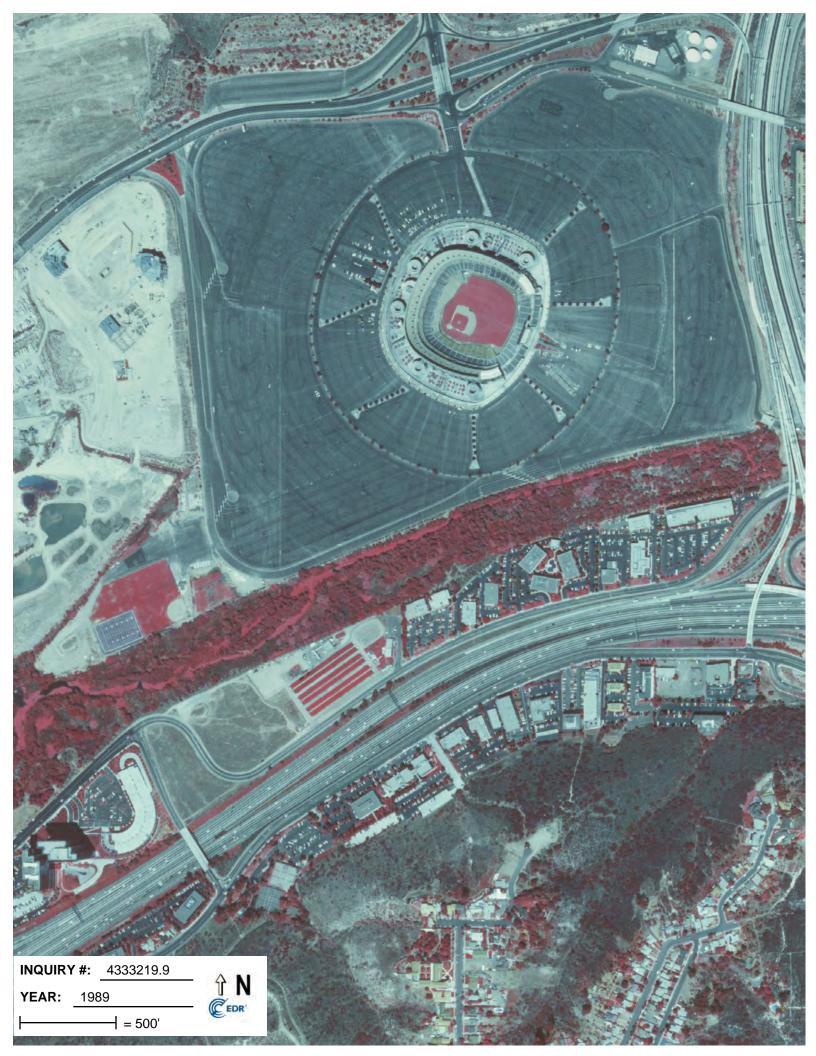




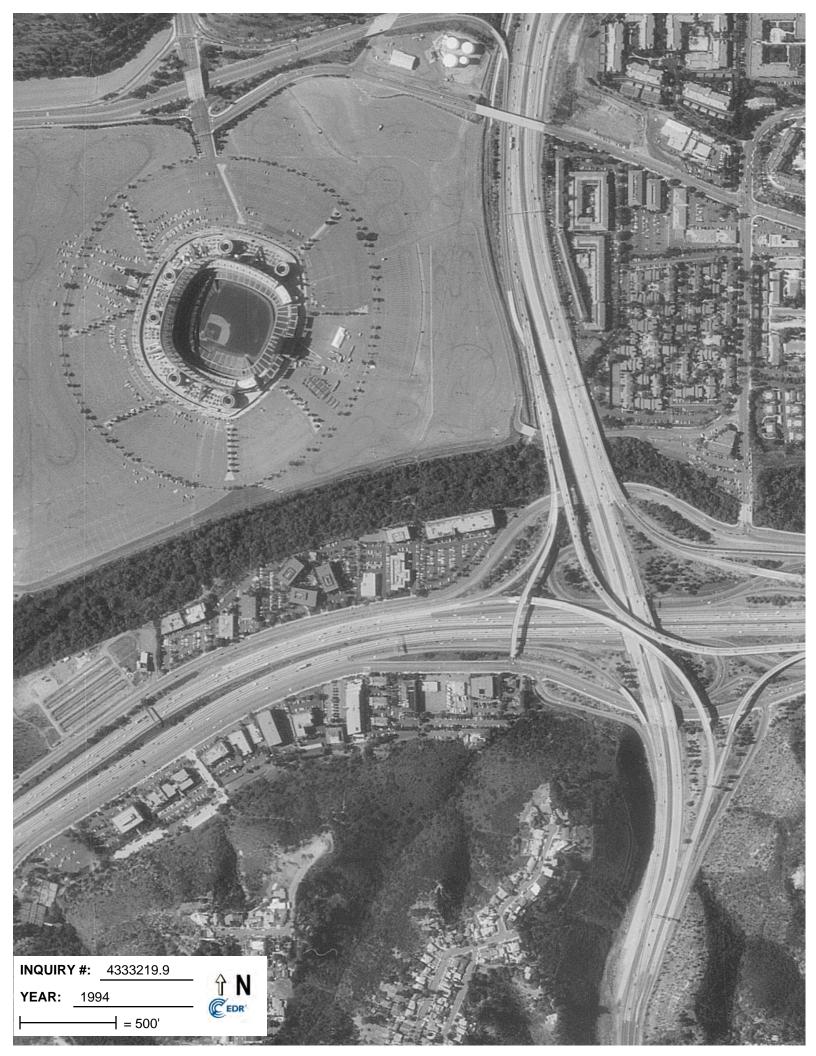


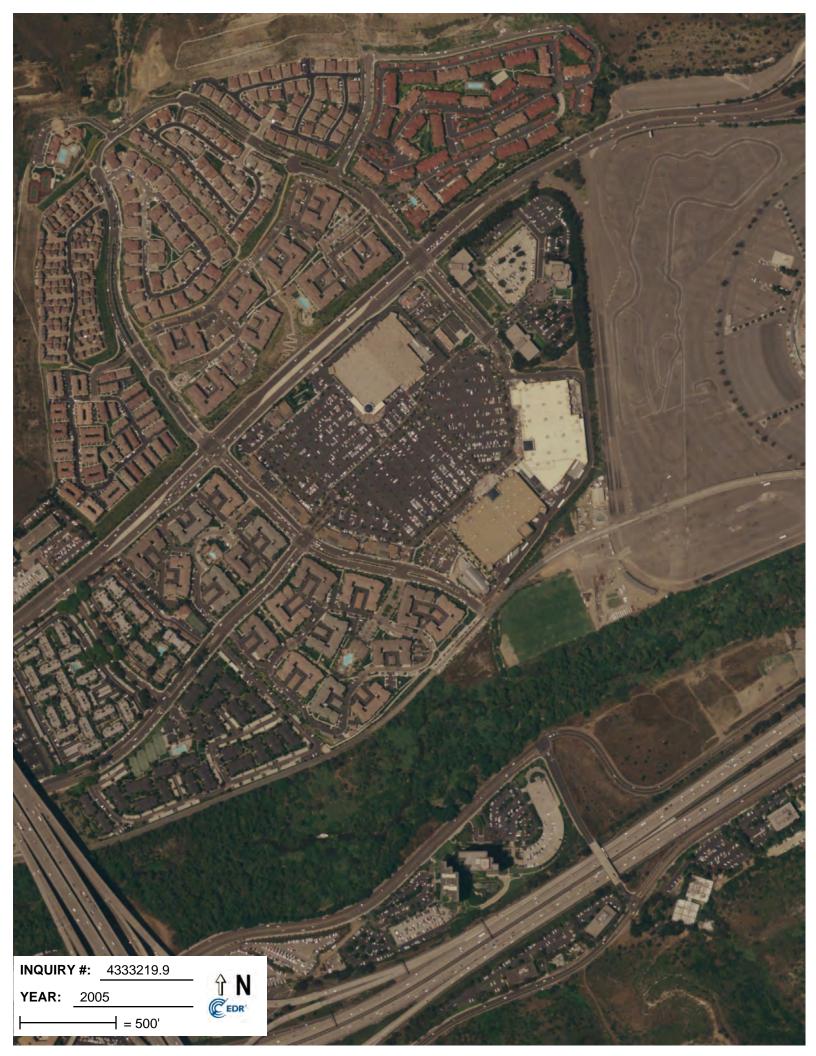


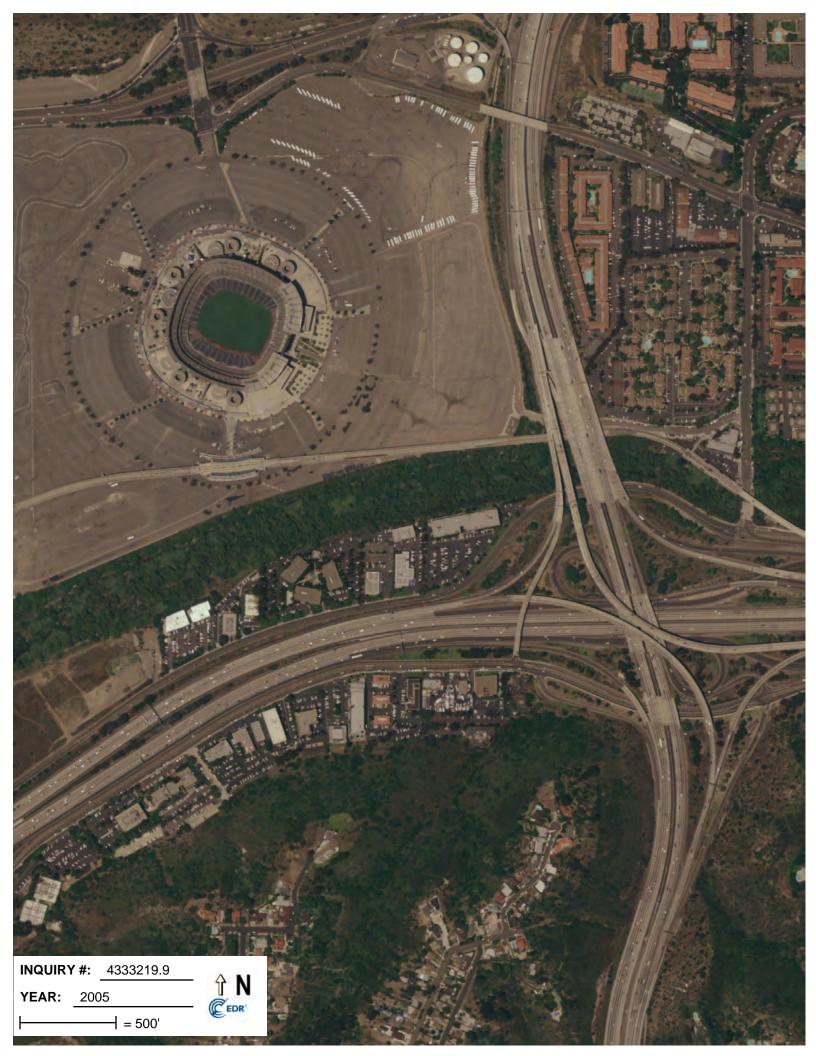


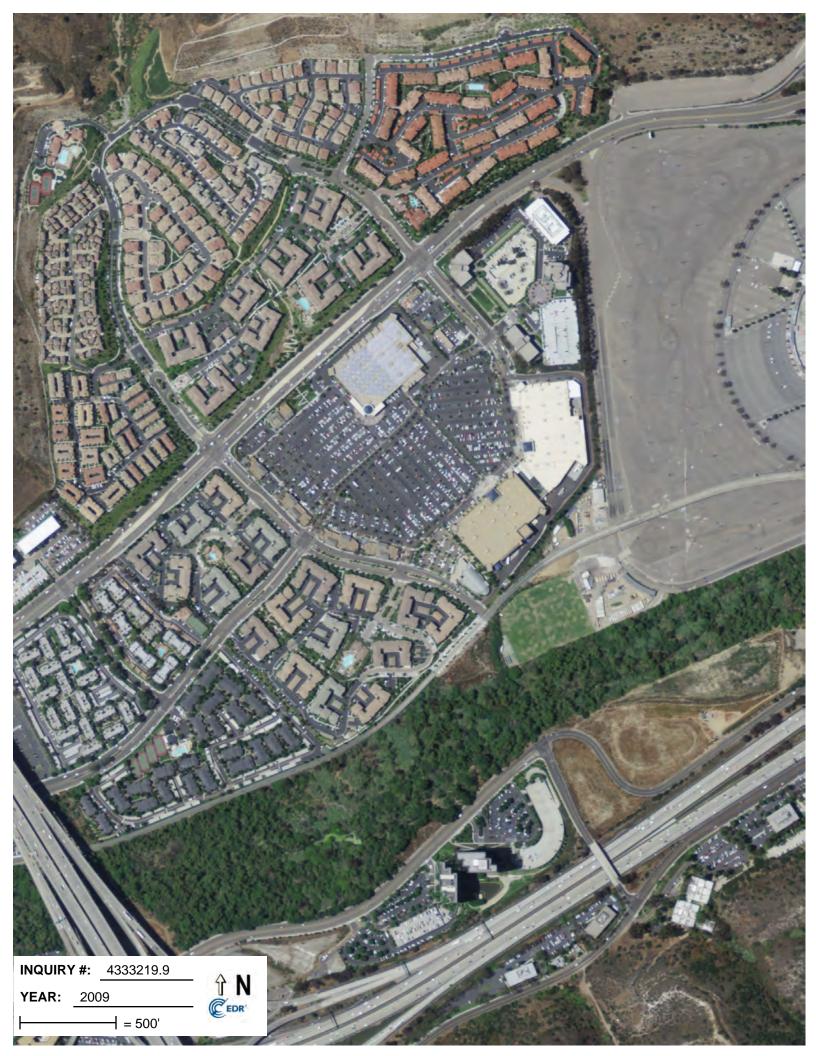


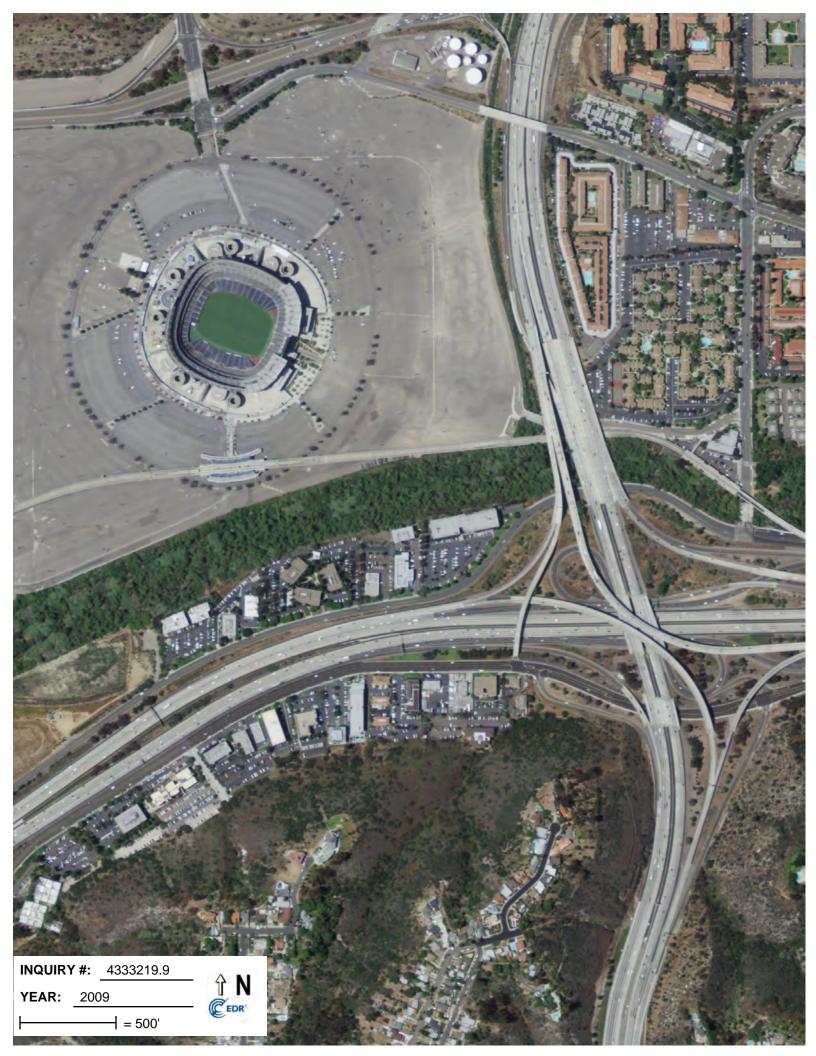


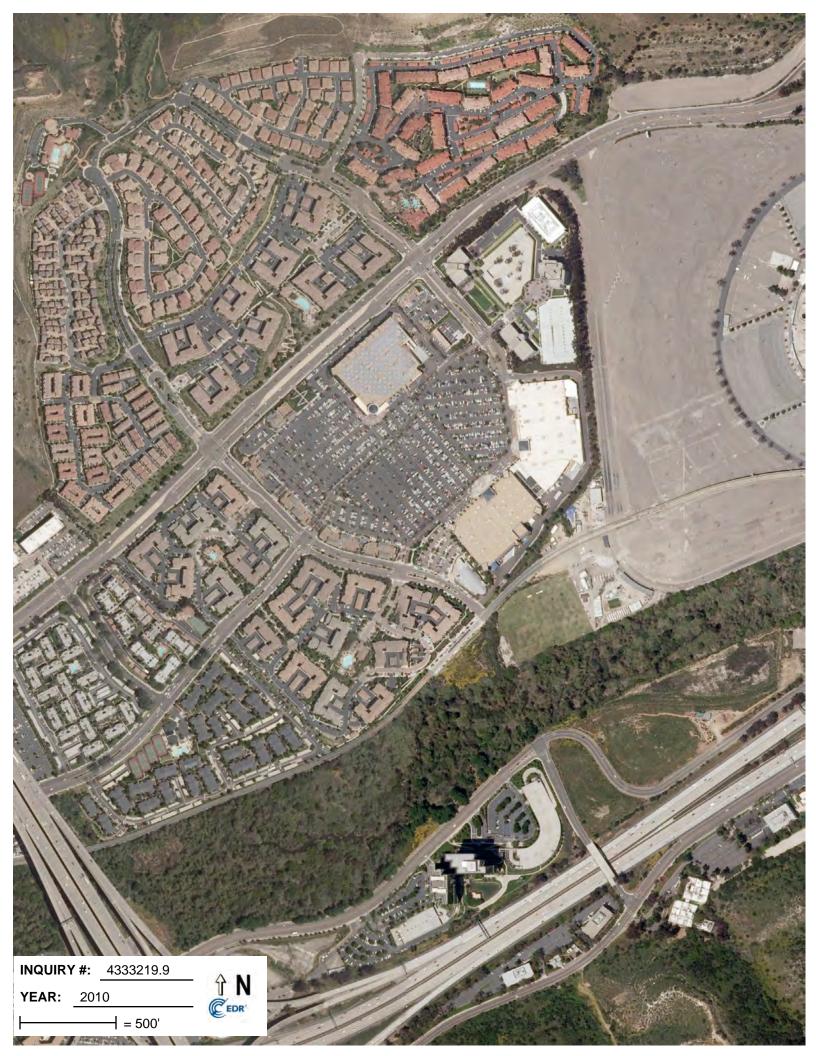


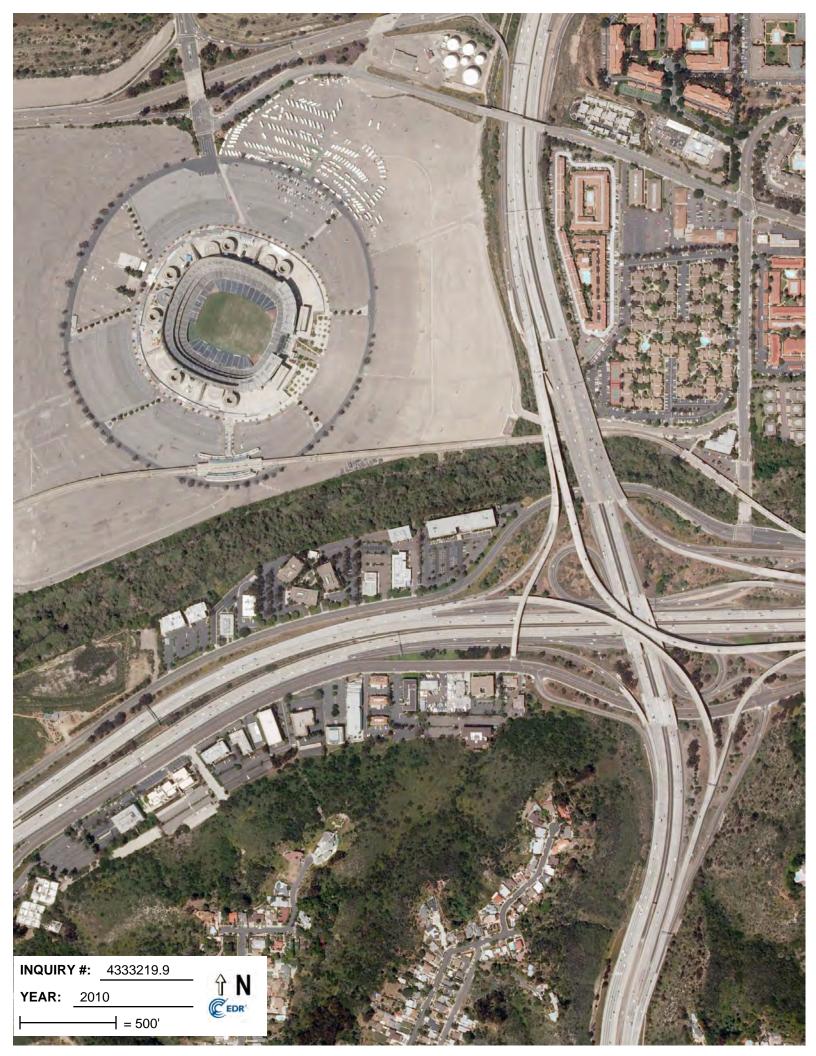




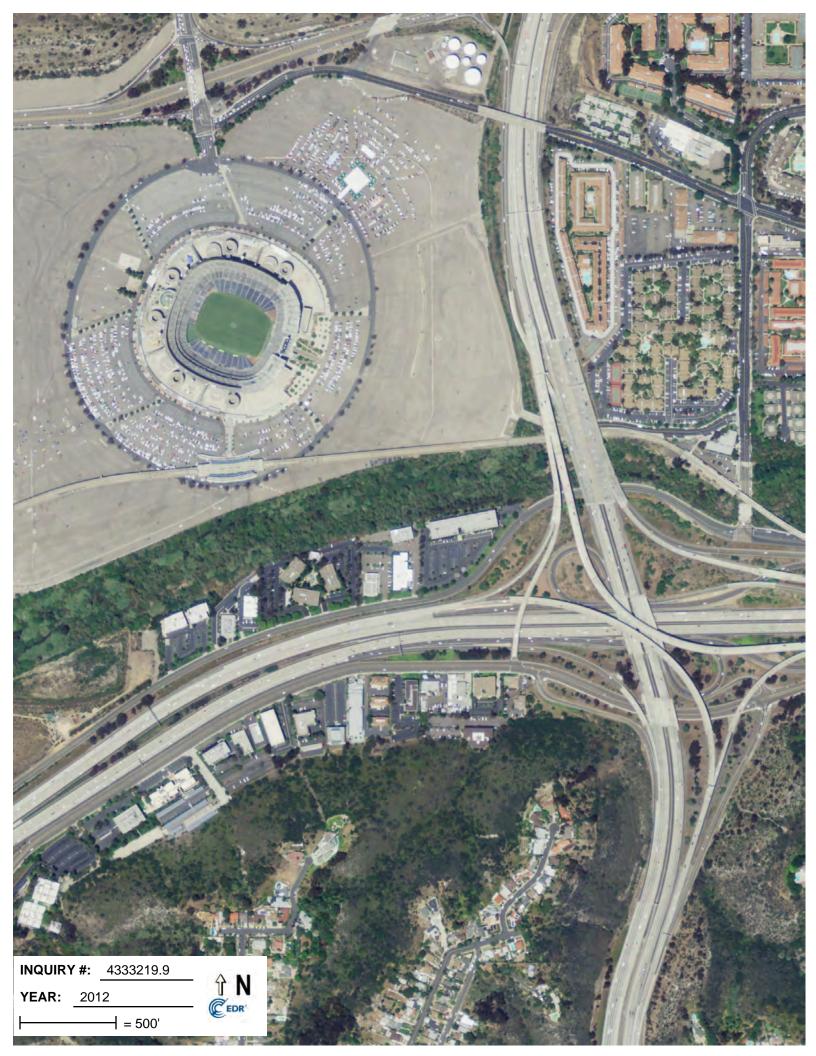


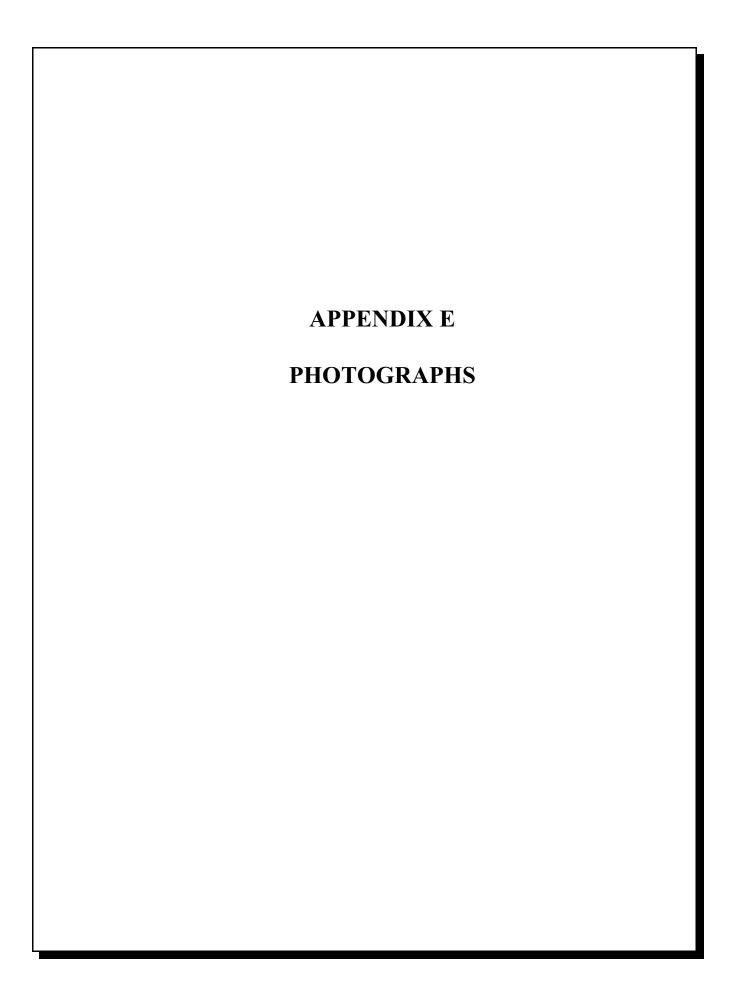














View of City of San Diego Fire Station No. 45 located at 9366 Friars Road, across from the Qualcomm Stadium. The site was identified as former Fenton property (EDR Map ID No. G-38) on the EDR Report.



View looking east along the proposed project alignment from the Qualcomm Trolley Station.

The bleacher storage area is visible on the photograph.

PHOTOGRAPHS						
SAN DIEGO RIVER TRAIL QUALCOMM STADIUM SEGMENT						

PROJECT NO. 54A6

ALLIED GEOTECHNICAL ENGINEERS, INC.

PHOTOGRAPH E-1



View looking west along the proposed project alignment from the Qualcomm Trolley Station.



View of eastern terminus of project alignment with ramp connection to Rancho Mission Road.

PHOTOGRAPHS
SAN DIEGO RIVER TRAIL QUALCOMM STADIUM SEGMENT

PROJECT NO. 54A6

ALLIED GEOTECHNICAL ENGINEERS, INC.

PHOTOGRAPH E-2



One of the numerous extraction wells located in the Qualcomm Stadium parking lot.



View of Kinder Morgan facility (EDR Map ID Nos. F-32 through F-37) from Qualcomm Stadium parking lot.

PHOTOGRAPHS							
SAN DIEGO RIVER TRAIL	QUALCOMM STADIUM SEGMENT						

PROJECT NO. 54A6

ALLIED GEOTECHNICAL ENGINEERS, INC.

PHOTOGRAPH E-3

Appendix F

WATER QUALITY TECHNICAL REPORT

WATER QUALITY TECHNICAL REPORT

San Diego River Trail **Qualcomm Stadium Segment**



San Diego River Trail – Qualcomm Stadium Segment
San Diego County
City of San Diego

October 20, 2015

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Appendices

Appendix A Storm Water Requirements Applicability Checklist

Appendix B San Diego River Trail – Qualcomm Stadium Segment Proposed Drainage Exhibits

1.0 INTRODUCTION

This Water Quality Technical Report (WQTR) has been developed for the San Diego Association of Governments (SANDAG) in conjunction with the City of San Diego to identify and summarize the permanent storm water management features for the proposed Qualcomm Stadium Segment of the San Diego River Trail.

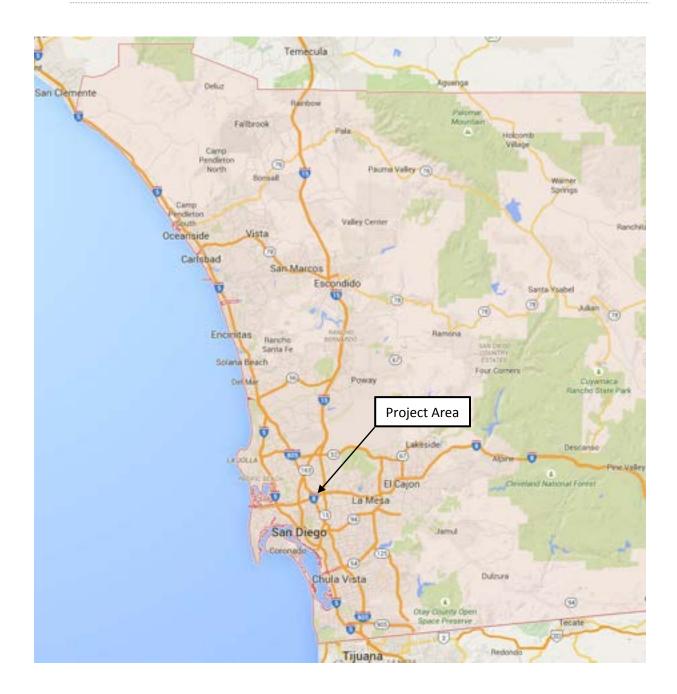
1.1 Project Description

The San Diego Association of Governments (SANDAG) proposes to construct an approximately 0.8-mile segment of the San Diego River Trail (SDRT) through Qualcomm Stadium in the Mission Valley community of the City of San Diego. The proposed Qualcomm Segment of the SDRT would extend eastward from the terminus of Fenton Parkway along a vegetated slope behind the Fenton Marketplace shopping center and through the southern portion of the Qualcomm Stadium parking lot to connect with Rancho Mission Road.

The proposed project is located in a developed area with residential and commercial uses to the west, north, and east. The San Diego River is located adjacent to the proposed trail on the south, with commercial office development on the south side of the river. Most of the trail would occur on existing paved surfaces within the stadium parking lot, which is topographically flat. The western end of the proposed trail would occur on a slope behind the shopping center that contains some dense vegetation. The proposed trail would be a constructed as a Class I bikeway, which is a path that provides a separated right-of-way for the exclusive use of people walking and riding bikes.

1.2 Vicinity Map

The Qualcomm Stadium Segment of the San Diego River Trail is located in the City of San Diego in the southwestern portion of San Diego County. The project area, shown in the Vicinity Map below, is west of Interstate 15 between Friars Road and Interstate 8, and east of Fenton Parkway. The San Diego River flows westward along the southern edge of Qualcomm Stadium and along the north side of Interstate 8.



1.3 Determination of Permanent Best Management Practices Requirements

The City of San Diego's Storm Water Requirements Applicability Checklist establishes the criteria and requirements for permanent Best Management Practices (BMPs). Projects are identified as one of three categories: Priority, Standard, or Exempt.

The Qualcomm Stadium Segment of the San Diego River Trail is classified as a Standard Development Project (SDP), based on the City of San Diego Storm Water Standards manual (January 2012). Project characteristics that result in the SDP determination can be summarized as follows:

- 1. The project proposes grading or soil disturbance.
- 2. Storm water or urban runoff has the potential to contact a portion of the construction area.
- 3. The project will utilize construction materials that could negatively affect water quality if discharged from the site.
- 4. The project will disturb less than one acre of erodible material during the construction phase and, therefore, is not subject to California's statewide General NPDES Permit for Storm Water Discharges.

A portion of the project is located within a Water Quality Sensitive Area, as designated by the City of San Diego and depicted in Appendix C of the City of San Diego Storm Water Standards. However, the portion of the project, within the stadium parking lot and the connection to Rancho Mission Road, does not propose any new impervious surfaces. Project improvements within the Water Quality Sensitive Area will be located on existing impervious surfaces and no new impervious surfaces are proposed.

A portion of the project where new impervious surfaces are proposed, between Fenton Parkway and the stadium parking lot, is not within, directly adjacent to, or discharging directly to a Water Quality Sensitive Area. "Directly adjacent" is defined as being situated within 200 feet of the Water Quality Sensitive Area. "Discharging directly to" is defined as outflow from a drainage conveyance system that is composed entirely of flows from the subject development or redevelopment site, and not commingled with flows from adjacent lands. The project's new impervious surfaces do not meet the criteria for "within, directly adjacent to, or discharging directly to a Water Quality Sensitive Area".

A copy of the Storm Water Requirements Applicability Checklist is included in Appendix A of this report. The proposed drainage plan exhibits are included in Appendix B of this report.

1.4 Drainage Area Characteristics

According to the Water Quality Control Plan for the San Diego Basin (San Diego Regional Water Quality Control Board (RWQCB)), the Qualcomm Stadium Segment of the San Diego River Trail is located in the Lower San Diego Hydrologic Area (907.1) within the San Diego River Hydrologic Unit, which encompasses approximately 440 square miles in southwest San Diego County and discharges into the Pacific Ocean. The watershed has the highest population of the county's watersheds and contains portions of the cities of San Diego, El Cajon, La Mesa, Poway, and Santee as well as several unincorporated areas. The majority of the watershed is undeveloped, primarily in the eastern portion, but the western portion has predominant land uses that include residential, commercial/industrial, and freeways/roads. Major water bodies in the watershed are the San Diego River, El Capitan Reservoir, San Vicente Reservoir, Lake Murray, Boulder Creek, and the Santee Lakes.

The San Diego River originates in the Cuyamaca Mountains and flows generally west approximately 52 miles to the Pacific Ocean in the community of Ocean Beach. Areas within the watershed including Cleveland National Forest, Mission Trails Regional Park, and the flood plain near Lakeside host several varieties of endangered species such as the arroyo toad, least bell's vireo, and the southwestern pond turtle. The Famosa Slough, near the mouth of the San Diego River, also contains wetlands habitat (Project Clean Water).

1.4.1 Beneficial Water Uses

Pursuant to the California Water Code Section 13240 and the Clean Water Act (CWA) Section 303, all surface waters and groundwaters in the San Diego region are assigned beneficial uses by the RWQCB in an adopted Basin Plan. The Basin Plan defines beneficial uses as the uses of water necessary for the survival or well-being of man, plants, and wildlife. These uses of water serve to promote the tangible and intangible economic, social, and environmental goals of mankind. Examples include drinking, swimming, industrial and agricultural water supply, and other support for fresh and saline aquatic habitats. Beneficial uses of the inland surface waters and the groundwater basins must not be threatened by the proposed project.

As listed below, beneficial water uses in the Lower San Diego Hydrologic Area include agricultural supply, contact water recreation, and freshwater and wildlife habitat.

Beneficial Uses	Inland Surface Water	Groundwater	Reservoirs and Lakes	Coastal Waters
Municipal and Domestic Supply	Potential	Existing	Existing	
Agricultural Supply	Existing	Existing		
Industrial Service Supply	Existing	Existing	Existing	
Industrial Process Supply		Existing		
Contact Water Recreation	Existing		Existing	Existing
Non-Contact Water Recreation	Existing		Existing	Existing
Commercial and Sport Fishing				Existing
Preservation of Biological Habitats of Special Significance	Existing			
Estuarine Habitat				Existing
Warm Freshwater Habitat	Existing		Existing	
Cold Freshwater Habitat			Existing	
Wildlife Habitat	Existing		Existing	Existing
Rare, Threatened, or Endangered	Existing			Existing
Hydropower Generation			Existing	
Marine Habitat				Existing
Migration of Aquatic Organisms				Existing
Spawning, Reproduction, and/or Early Development				Existing
Shellfish Harvesting				Existing

Contact uses include, but are not limited to, swimming, wading, water-skiing, diving, surfing, and fishing. Non-contact uses include, but are not limited to, picnicking, sunbathing, hiking,

camping, boating, hunting, sightseeing, and aesthetic enjoyment in conjunction with the above activities.

1.4.2 Impacts to Hydrologic Regime

The proposed bike path will slightly change the hydrologic regime of the project site. Currently, pre-project runoff flows to the south and west along the Qualcomm Stadium parking lot and into the San Diego River. All proposed runoff would continue to flow to the south and west, but the introduction of new impervious area at the western end of the project area would slightly increase runoff rates. The project proposes to add approximately 7,700 square feet of new impervious surface consisting of paved trail surfacing.

2.0 IDENTIFICATION OF POLLUTANTS OF CONCERN

2.1 Potential Project Pollutants

The City of San Diego's Storm Water Standards Manual identifies potential project pollutants by various land use categories. The Qualcomm Stadium Segment of the San Diego River Trail is categorized as Streets, Highways, and Freeways land use. Anticipated pollutants for this type of land use include sediments, heavy metals, organic compounds (including petroleum hydrocarbons), trash and debris, oil and grease, bacteria and viruses. The primary pollutants that would be expected from the proposed bike path include minimal amounts of trash and debris. Because the bike path would prohibit vehicle use, sediments, heavy metals, organic compounds, and oil and grease would not be anticipated with the proposed improvements.

Potential pollutants for the Streets, Highways, and Freeways land use category include nutrients and pesticides (if landscaping exists on-site), and oxygen demanding substances (including solvents). However, the project improvements do not include landscaping. Therefore, the potential pollutants for this area will not be altered by the project.

2.2 Pollutants of Concern for Receiving Waters

As stated previously, the Qualcomm Stadium Segment of the San Diego River Trail is located in the Lower San Diego Hydrologic Area within the San Diego River Hydrologic Unit. Storm water from the project would flow south and west, eventually reaching the San Diego River south of the proposed project. Flows would eventually drain into the Pacific Ocean.

Section 303(d) of the Federal Clean Water Act requires States to identify and list waters that do not meet water quality standards after applying certain required technology-based effluent limits (impaired water bodies). The list is known as the Section 303(d) list of impaired waters.

Impaired bodies of water downstream from the project include the Famosa Slough and Channel, Pacific Ocean Shoreline (San Diego HU), and the San Diego River (lower). The Famosa Slough and Channel is listed as impaired for eutrophication, likely due to urban runoff and storm water. The Pacific Ocean Shoreline (San Diego HU) is listed as impaired for enterococcus bacteria and total coliform, with a probable source of pathogens from urban runoff and storm water. The San Diego River (lower) is listed as impaired for total dissolved solids, fecal coliform, dissolved oxygen, enterococcus bacteria, nitrogen, phosphorus, and toxicity, likely due to hydromodification, spills/dumping, natural/wildlife, and urban-related runoff/storm water. This found on the Environmental Protection Agency's http://iaspub.epa.gov/waters10/attains impaired waters.impaired waters list?p state=CA&p cycle=2010.

3.0 HYDROMODIFICATION MANAGEMENT PLAN

The California Regional Water Quality Control Board San Diego Regional Permit Order R9-2007-0001 requires the San Diego Storm Water Copermittees (including the City of San Diego) to implement a Hydromodification Management Plan (HMP). According to the City of San Diego Storm Water Standards, hydromodification refers to changes in a watershed's runoff characteristics resulting from urbanization or other land use changes that result in increased stream flows and sediment transport. In addition, alteration of stream and river channels, installation of dams and water impoundments, and excessive stream-bank and shoreline erosion are also considered hydromodification due to their disruption of natural watershed hydrologic process. HMP refers to the plan implemented by the dischargers so that post-project runoff shall not exceed estimated pre-project rates and/or durations, where increased runoff would result in increased potential for erosion of other adverse impacts to beneficial uses.

The City of San Diego Storm Water Standards require all SDPs to be designed so the discharge of pollutants to the City storm water conveyance system is reduced to the extent practicable and that the project does not cause or contribute to the violation of water quality standards in the receiving waters. Projects not classified as Priority Development Projects in conjunction with the City of San Diego Storm Water Standards are not subject to HMP controls. As stated previously, the Qualcomm Stadium Segment of the San Diego River Trail is categorized as a SDP and is, therefore, exempt from HMP criteria.

However, the project is subject to LID and water quality treatment requirements even though hydromodification flow controls are not required.

4.0 STORM WATER BEST MANAGEMENT PRACTICES (BMPs)

The City of San Diego Storm Water Standards Manual requires the implementation of applicable source control and low-impact development BMPs.

4.1 Source Control BMPs

Because the project is a SDP, source control BMPs must be incorporated into the design of the project to address anticipated pollutants. Source control BMPs generally refer to land use or site planning practices, or structures which are focused on the prevention of urban runoff pollution. They include permanent structural features incorporated into the project, as well as operational BMPs, which include street sweeping and similar practices, that must be implemented by the site's occupant or user. Source control BMPs are designed to reduce the potential for contamination by controlling it at the source and minimizing the contact between pollutants and urban runoff. The table below provides a summary of the source control BMPs, associated activities, and applicability to the project.

Source Activity	Applicable to Project
Maintenance Bays	No
Vehicle and Equipment Wash Areas	No
Outdoor Processing Areas	No
Retail and Non-Retail Fueling Areas	No
Steep Hillside Landscaping	No
Efficient Irrigation Systems and Landscaping Design	No
Trash Storage Areas	No
Outdoor Material Storage Areas	No
Loading Docks	No
Integrated Pest Management	No
Storm Water Conveyance System Stamping and Signage	Yes
Fire Sprinkler Systems	No
Air Conditioning Condensate	No
Non-Toxic Roofing Materials	No
Other Source Control Requirements	Yes

Sources identified as applicable to the project are discussed in more detail in the following sections. Italicized text is copied from Section 3.1 of the City of San Diego Storm Water Standards.

4.1.1 Storm Water Conveyance System Stamping and Signage

 Concrete stamping, or approved equivalent method, shall be provided for all storm water conveyance system inlets and catch basins within the project area.

- Language associated with the stamping must be satisfactory to the City Engineer. Stamping may also be required in Spanish.
- Post signs and prohibitive language which prohibit illegal dumping at trailheads, parks, building entrances and public access points along channels and creeks within the project area.

There are existing storm drain inlets within the project area adjacent the west end of the proposed bike path. Signs and prohibitive language would be installed at the City of San Diego's request to prohibit illegal dumping at the trailhead and at access points within the project area.

4.1.2 Other Source Control Requirements

- Require implementation and post-construction soil stabilization practices, such as the revegetation of construction sites, [as required through the project's regulatory permits]
- Provide trash receptacles in areas of high pedestrian traffic.

The project would implement soil stabilization measures in compliance with the project's regulatory permits. The proposed project may also include trash receptacles at various locations along the length of the bike path, which would adhere to City of San Diego standards and include attached lids to prevent rainfall intrusion. The project would meet all applicable source control guidelines shown above.

4.2 Low-Impact Development BMPs

According to the City of San Diego Storm Water Standards, the Qualcomm Stadium Segment of the San Diego River Trail is subject to low-impact development (LID) design standards. Projects subject to SDP requirements must implement applicable source control BMPs as well as LID design practices. The objectives of LID BMP requirements are to detain and filter runoff using natural features. Additionally, according to the City of San Diego Storm Water Standards, storm water retention for storm water reuse, although potentially beneficial, is not specifically required as part of the LID requirements. Suitable LID facilities are those that retain, reuse, or promote evapotranspiration of storm water.

4.2.1 Optimize the Site Layout

Optimization of the project site layout is achieved by preserving natural drainage features and minimizing paving. The Qualcomm Stadium Segment of the San Diego River Trail would use the minimum width for the traveled way as stated in Caltrans Highway Design Manual (HDM), Chapter 1000. The proposed bike path alignment is optimized by aligning the majority of the path along existing paved surfaces, maximizing distance from the river at the western end of the path, and using retaining structures at various points along the bike path to reduce imported borrow and minimize encroachment into riparian areas along the San Diego River.

4.2.2 Minimize Impervious Footprint

The western segment of the proposed bike path would be constructed according to engineering standards mandated by the Caltrans HDM, which states that the minimum paved width of travel way for a two-way bike path is 14 feet, including 10-foot traveled way and 2-foot shoulders

adjacent to the traveled way. Due to these required standards, the bike path width and its corresponding impervious area are minimized to the greatest extent practicable. The proposed project improvements would increase the impervious area by approximately 7,700 square feet or 0.18 acre.

The remainder of the path would be aligned along existing paved surfaces through the Qualcomm Stadium parking lot.

4.2.3 Disperse Runoff to Adjacent Landscaping

Drainage from the various areas within the project footprint would be directed to various storm drains and controls. At the western end of the project area, a new culvert connection from the proposed bike path to the existing open channel adjacent the recycling center would be constructed. The culvert would drain into a proposed bioretention basin adjacent the open channel. The open channel currently drains southward into the San Diego River via two parallel culverts.

The western segment of the proposed bike path would be constructed to drain all storm water off the pavement and into an adjacent 2.5-foot wide bioswale. The bioswale would be connected to the proposed bioretention basin utilizing a series of drainage inlets and underground culverts. The remainder of the bike path through the Qualcomm Stadium parking lot would be constructed on existing impervious surfaces and generally would not alter existing runoff conditions.

4.2.4 Construction Considerations

Soil compaction would be minimized as much as possible for areas of the project site designated for storm water treatment. This meets the objectives of the City of San Diego Storm Water Standards for LID design methods.

4.2.5 Additional Considerations

All proposed slopes would be stabilized with hydroseed or equivalent erosion control measures in accordance with the approved project design. Runoff would be conveyed away from the tops of slopes throughout the project. Energy dissipation devices would be placed, if necessary, at locations where storm water flows may cause erosion or other damage to reduce the potential for impacts to receiving waters.

4.3 Construction BMPs

During construction, standard construction BMPs such as desilting basins, silt fences, sand bags, gravel bags, fiber rolls, and other erosion control measures may be employed consistent with the NPDES Storm Water Pollution Prevention Plan (SWPPP). The objectives of the SWPPP are listed below.

 Identify all pollutant sources, including sources of sediment that may affect the water quality of storm water discharges associated with construction activity from the construction site.

- Identify non-storm water discharges.
- Identify, construct, implement in accordance with a time schedule, and maintain BMPs to reduce or eliminate pollutants in storm water discharges and authorized non-storm water discharges from the construction site during construction.

Regular inspection of all construction BMPs shall occur by a qualified person specifically trained in storm water pollution prevention site management and storm water BMPs, including the installation and maintenance of sediment and erosion control measures. The objectives of the regular inspections are to ensure the owner/contractor takes full responsibility for managing storm water pollution caused by the project site's construction activities and that storm water BMPs are properly documented, implemented, and functioning effectively, to identify maintenance and repair needs, and to ensure that project proponents implement site-specific storm water pollution prevention plans. Inspections shall occur as detailed in the project SWPPP, which will be completed prior to construction.

5.0 OPERATION AND MAINTENANCE OF STORM WATER CONTROL MEASURES

The Applicant will install and maintain the storm water control measures and BMPs associated with the project during construction. The City of San Diego will take over operation and maintenance after the completion of construction.

The source control and LID BMP for the project requiring permanent maintenance is the bioretention basin. The following sections discuss inspection and maintenance criteria and activities for the project BMPs requiring permanent maintenance.

5.1 Bioswale and Bioretention Basin

Routine maintenance of the proposed bioswale and bioretention basin would include removal and disposal of sediment, litter, debris, and other accumulated materials. Inspection of the bioswale and basin should include monitoring accumulation of sediment, litter, and debris at the inlets, culverts, and basin outlet, as well as the presence of any standing water which could indicate a clog in the culverts or the basin outlet. If the drain components are found to be clogged, action must be taken to ensure proper functioning of the bioswale and bioretention basin.

The Owner should ensure the implementation and funding of the maintenance for the permanent BMPs on the project site.

6.0 GEOLOGIC INVESTIGATION REPORT

The purpose of the San Diego River Trail Qualcomm Stadium Segment Draft Geotechnical Desktop Study, prepared by Allied Geotechnical Engineers, Inc. (July 31, 2015), was to evaluate potential major geologic issues and constraints which could impact the proposed bike path alignment. The study is summarized in the following sections.

6.1 Geologic Conditions

The project alignment is located within the Peninsular Ranges geomorphic province, a north-south oriented mountain range which extends from the southern edge of the Los Angeles Basin into Baja California, Mexico. The alignment is situated within the San Diego Embayment, a deep sedimentary-filled basin which is underlain at depth by the basement rock complex. The sedimentary formations consist of nearly flat-lying to gently southwest dipping, marine and non-marine sediments.

Based on a review of the cross-sections and logs of test borings prepared for the design of the North Mission Valley Interceptor Sewer (NMVIS) in the project vicinity, it appears that the entire project alignment is underlain by man-made fill of variable thickness ranging from approximately 10 feet to over 20 feet. Beginning during World War II, sand and gravel mining operations stripped away most of the natural deposits along the river, down to below the groundwater table. These areas have since been refilled for later development. The composition of the fill materials encountered in the SDGC borings and test borings performed for the Mission Valley West Light Rail Transit (LRT) Extension (1999) includes a wide range of materials from silt to gravels and cobbles. Documentation regarding the source and original placement of the fill materials is not available.

The fill materials are underlain by Quaternary alluvial deposits. The alluvium consists of channel, floodplain, and estuary deposits laid down by the San Diego River. These deposits have been disturbed by mining in many places. Based on a review of the Mission Valley West LRT Extension test borings, the depth of the alluvium along the project alignment is estimated to be on the order of 50 feet below the ground surface (bgs) or greater.

Given the proximity of the project alignment to the San Diego River, shallow to near-surface groundwater is anticipated along proposed project alignment. The SDGC borings reportedly encountered groundwater at an approximate depth varying from 9 to 15 feet bgs. These depths correspond to elevations of 38 feet to 42 feet mean sea level. The project alignment is also located within the 100-year flood zone.

6.2 Geologic Hazards

San Diego County is located in a seismically active area, typical of the southern California region. The project alignment is likely to experience moderate to severe ground shaking in response to a local or more distant large magnitude earthquake occurring during the expected life span of the proposed project.

The project alignment is subject to moderate to severe ground shaking in response to a major earthquake occurring on the RCFZ or on one of the major regional active faults. The closest active regional faults to the project alignment with recurring magnitude 4.0 and greater earthquakes are the Coronado Bank, the Vallecitos-San Miguel, and the Elsinore fault zones. Other more distant, active regional faults that are considered potential sources of seismic activity include the offshore located San Diego Trough and San Clemente fault zones and some of the faults in Imperial Valley, which include the San Jacinto and San Andreas fault zones.

Seven known active faults have been identified within a search radius of 50 miles from the project alignment. The major seismic hazard affecting the project alignment would be seismic-induced ground shaking. The alignment will likely be subject to moderate to severe ground shaking in response to a local or more distant large magnitude earthquake occurring during the life of the proposed project. For project design purposes, the RCFZ shall be considered as the dominant seismic source.

Based on a review of the logs of the borings performed for the NMVIS, it appears that the fill materials have low to moderate liquefaction potential, whereas the alluvial deposits have low to high potential for liquefaction. Liquefaction phenomena along the project alignment most likely would manifest itself as local ground subsidence and settlement.

The project alignment is located within the 100-year flood plain. Seasonal flooding caused by overflows of Murphy Canyon Creek and/or San Diego River from heavy rainfall events should be anticipated.

6.3 Construction Considerations

The proposed retaining walls will be designed using the Caltrans Standard Plans (2010 Edition) for Type 1 and Type 5 retaining walls. The wall heights have not been determined at the time of the preparation of this report. However, it is anticipated that maximum height of the proposed retaining wall is on the order of eight feet. It is recommended that the wall foundations be supported on properly compacted filled ground.

Construction of the elevated portion of the bikeway at the eastern terminus and along the slope between IKEA and the trolley line at the western terminus of the project alignment may require the construction of fill slopes. The new fill slopes are anticipated to be less than six feet in height and have a slope gradient of 2:1 (horizontal: vertical) or flatter.

Proposed excavations for the subject project are anticipated to be less than five feet in depth and, under normal conditions, are not expected to extend below the groundwater table. Therefore, the need for dewatering of foundation and trenched excavations made during construction is not anticipated.

The project alignment is located adjacent to the San Diego River and subject to seasonal flooding and high groundwater level. In the event that project construction is performed during a wet season, the use of shallow well points in combination with sump pumps may be required to keep the project excavations dry.

The retaining walls that will be constructed on the slope between IKEA and the trolley line at the western terminus of the project alignment may be located over the 78-inch diameter City of San Diego NMVIS. Considering the dimension and age of the sewer pipeline, further analysis should be performed to evaluate the loading impact from the retaining wall foundations on the existing sewer pipeline.

6.4 Geologic Investigation Report Conclusion

The findings of the desktop study are based on a cursory evaluation of readily available information, which is generally very limited and contains data gaps in many areas. Therefore, additional geotechnical studies are recommended to be performed for final design of the proposed project. Subsurface field exploration for the subject project should, at a minimum, include the performance of soil borings or test pits in the area of the proposed retaining walls.

7.0 CONCLUSION

The Qualcomm Stadium Segment of the San Diego River Trail is located in the Lower San Diego Hydrologic Area (907.1) within the San Diego River Hydrologic Unit.

The primary pollutants with the potential to be produced from the proposed bike path include trash and debris. Because the bike path would prohibit vehicle use, sediments, heavy metals, organic compounds, and oil and grease would not be anticipated with the proposed improvements.

The project is classified as a SDP, based on the City of San Diego Storm Water Standards manual (January 2012). A portion of the project is located within a Water Quality Sensitive Area, as designated by the City of San Diego and depicted in Appendix C of the City of San Diego Storm Water Standards. However, this portion of the project, within the stadium parking lot and the connection to Rancho Mission Road, does not propose any new impervious surfaces.

The City of San Diego Storm Water Standards require all SDPs to be designed so the discharge of pollutants to the City of San Diego storm water conveyance system is reduced to the extent practicable and that the project does not cause or contribute to the violation of water quality standards in the receiving waters.

New impervious surfaces of the proposed bike path would be constructed to drain all storm water off of new pavement surfaces into an adjacent 2.5-foot wide bioswale. The bioswale would be connected to a proposed bioretention basin utilizing a series of drainage inlets and underground culverts. The remainder of the bike path through the Qualcomm Stadium parking lot would be constructed on existing impervious surfaces and generally would not alter existing runoff conditions.

APPENDIX A

Storm Water Requirements Applicability Checklist



Storm Water Requirements Applicability Checklist

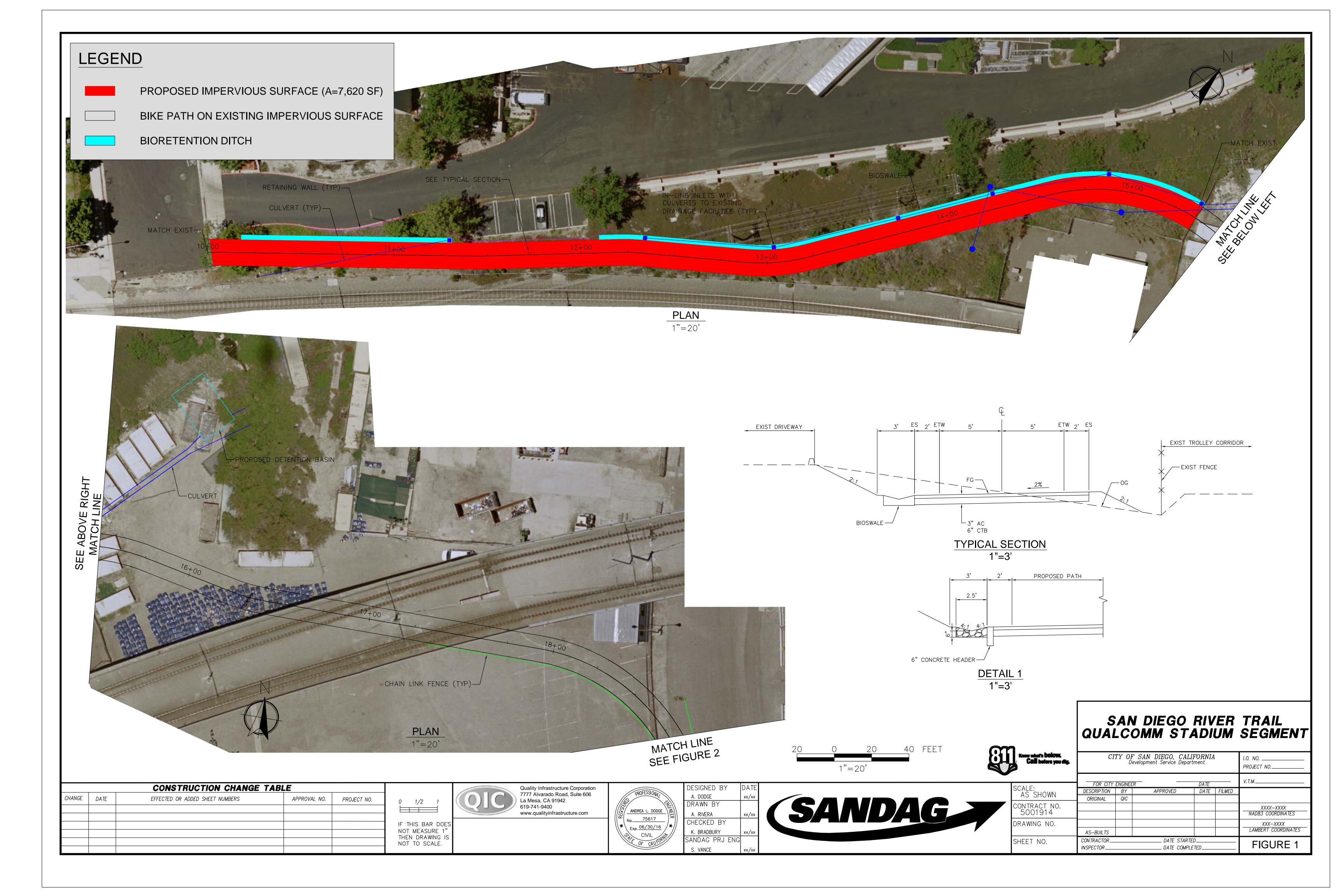
FORM **DS-560**JANUARY 2011

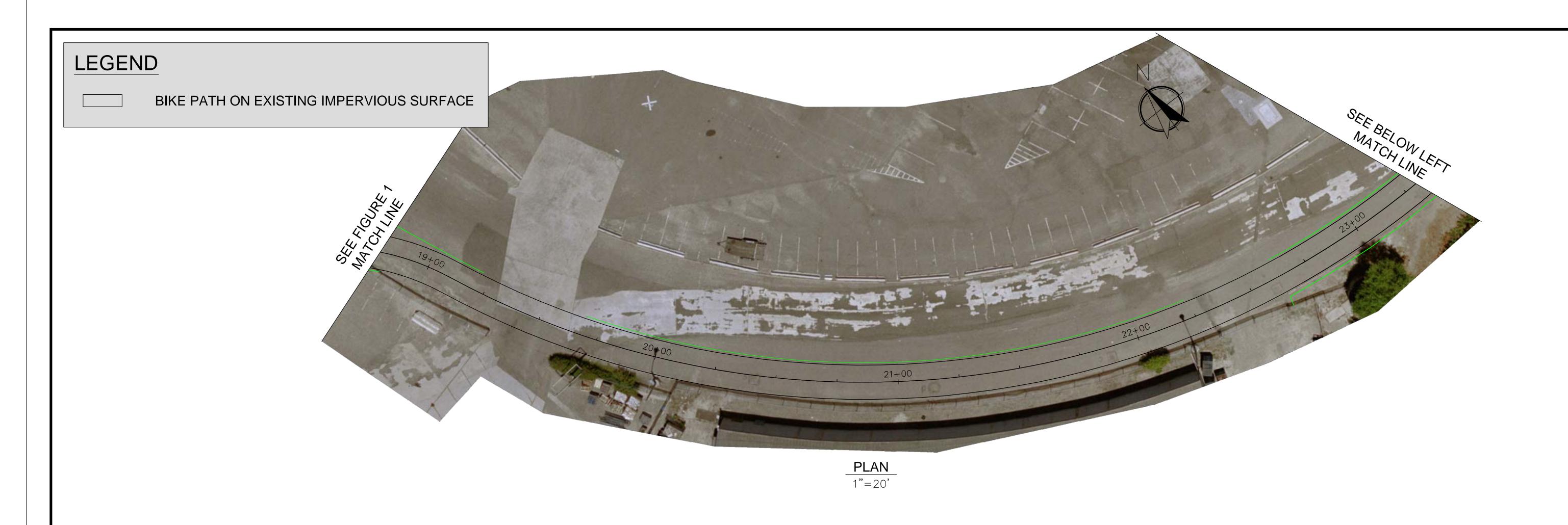
Project Address: Project Number (for					
	CTION 1. Permanent Storm Water BMP Requirements:				
Add	itional information for determining the requirements is found in the Storm Water Standard	<u>ls Manual</u> .			
Proj men If "	t A: Determine if Exempt from Permanent Storm Water BMP Requirements. ects that are considered maintenance, or are otherwise not categorized as "develop t projects" according to the Storm Water Standards manual are not required to install Yes" is checked for any line in Part A, proceed to Part C and check the box labeled cked for all of the lines, continue to Part B.	permanent stor	m water	r BMPs.	
1.	The project is not a Development Project as defined in the <u>Storm Water Standards Manua</u> for example habitat restoration projects, and construction inside an existing building.	<u>l</u> :	☐ Yes	□ No	
2.	The project is only the construction of underground or overhead linear utilities.		Yes	☐ No	
3.	The project qualifies as routine maintenance (replaces or renews existing surface material because of failed or deteriorating condition). This includes roof replacement, pavement sporepairs and resurfacing treatments such as asphalt overlay or slurry seal, and replacement of damaged pavement.	ot it	☐ Yes	□ No	
4.	The project only installs sidewalks, bike lanes, or pedestrian ramps on an existing road, and does not change sheet flow condition to a concentrated flow condition.		☐ Yes	□ No	
Proj Teck If " Pro	t B: Determine if Subject to Priority Development Project Requirements. ects that match one of the definitions below are subject to additional requirements including anical Report. Yes" is checked for any line in Part B, proceed to Part C and check the box lab ject." If "No" is checked for all of the lines, continue to Part C and check the box lab ject."	eled "Priority	Develo	opment	
1.	Residential development of 10 or more units.		Yes	☐ No	
2.	Commercial development and similar non-residential development greater than Hospitals; laboratories and other medical facilities; educational institutions; recreational facilities; commercial nurseries; multi-apartment buildings; car wash facilities; and other business complexes; shopping malls; hotels; office buildings; public warehouses; dealerships; and other light industrial facilities.	acilities; mini-malls	☐ Yes	□ No	
3.	Heavy industrial development greater than one acre. Manufacturing plants, food processing plants, metal working facilities, printing plants, and fleet storage areas.		☐ Yes	□ No	
4.	Automotive repair shop. Facilities categorized in any one of Standard Industrial Classification (SIC) codes 5013, 5014, 5541, 7532-7534, or 7536-7539.		☐ Yes	□ No	
5.	Restaurant. Facilities that sells prepared foods and drinks for consumption, including st lunch counters and refreshment stands selling prepared foods and drinks for immediate of (SIC code 5812), and where the land area for development is greater than 5,000 square feet	onsumption	☐ Yes	□ No	
6.	Hillside development greater than 5,000 square feet. Development that creates 5,00 feet of impervious surface and is located in an area with known erosive soil conditions and the development will grade on any natural slope that is twenty-five percent or greater.		☐ Yes	□ No	
7.	Water Quality Sensitive Area. Development located within, directly adjacent to, or disc directly to a Water Quality Sensitive Area (as depicted in Appendix C) in which the project creates 2,500 square feet of impervious surface on a proposed project site or increases the imperviousness of a proposed project site to 10% or more of its naturally occurring condition adjacent" is defined as being situated within 200 feet of the Water Quality Sensitive Area. directly to" is defined as outflow from a drainage conveyance system that is composed enti- from the subject development or redevelopment site, and not commingled with flows from	t either area of on. "Directly "Discharging rely of flows	☐ Yes	☐ No	
8.	Parking lot with a minimum area of 5,000 square feet or a minimum of 15 parkin and potential exposure to urban runoff (unless it meets the exclusion for parking lot recon on line 11).		☐ Yes	□ No	
	D_{c} and the description of d_{c} and d_{c}				

Pag	Page 2 of 2 City of San Diego • Development Services Department • Storm Water Requirements Applicability Checklist								
9.	Street, road, highway, or freeway. New paved surface in excess of 5,000 square fee used for the transportation of automobiles, trucks, motorcycles, and other vehicles (unless it meets the exclusion for road reconfiguration on line 11).	t Yes No							
10.	Retail Gasoline Outlet (RGO) that is: (a) 5,000 square feet or more or (b) has a projected Average Daily Traffic (ADT) of 100 or more vehicles per day.	☐ Yes ☐ No							
11.	Significant Redevelopment ; project installs and/or replaces 5,000 square feet or more impervious surface and the existing site meets at least one of the categories above. The is not considered Significant Redevelopment if reconfiguring an existing road or parking without a change to the footprint of an existing developed road or parking lot. The exist footprint is defined as the outside curb or the outside edge of pavement when there is respectively.	project ng lot ting							
12.	Other Pollutant Generating Project. Any other project not covered in the categorie above, that disturbs one acre or more and is not excluded by the criteria below.	s Yes No							
and j	Projects creating less than 5,000 sf of impervious surface and where added landscaping does not require regular use of pesticides and fertilizers, such as slope stabilization using native plants. Calculation of the square footage of impervious surface need not include linear pathways that are for infrequent vehicle use, such as emergency maintenance access or bicycle pedestrian use, if they are built with pervious surfaces or if they sheet flow to surrounding pervious surfaces.								
Par	t C: Select the appropriate category based on the outcome of Parts A & B.								
1.	If "Yes" is checked for any line in Part A, then check this box. Continue to Section 2.	☐ Exempt Project							
2.	If "No" is checked for all lines in Part A, and Part B, then check this box. Continue to Section 2.	☐ Standard Development Project							
3.	If "No" is checked for all lines in Part A, and "Yes" is checked for at least one of the lines in Part B, then check this box. Continue to Section 2. See the Storm Water Standards Manual for guidance on determining if Hydromodification Management Plan requirements apply.	☐ Priority Development Project							
For	SECTION 2. Construction Storm Water BMP Requirements: For all projects, complete Part D. If "Yes" is checked for any line in Part D, then continue to Part E. Part D: Determine Construction Phase Storm Water Requirements.								
1.	Is the project subject to California's statewide General NPDES Permit for Storm Water Discharges Associated with Construction Activities? (See State Water Resources Contr Board Order No. 2009-0009-DWQ for rules on enrollment)								
2.	Does the project propose grading or soil disturbance?	☐ Yes ☐ No							
3.	Would storm water or urban runoff have the potential to contact any portion of the construction area, including washing and staging areas?	☐ Yes ☐ No							
4.	Would the project use any construction materials that could negatively affect water quality if discharged from the site (such as, paints, solvents, concrete, and stucco)?	☐ Yes ☐ No							
5.	Check this box if "Yes" is checked for line 1. Continue to Part E.	SWPPP Required							
6.	Check this box if "No" is checked for line 1, and "Yes is checked for any line 2-4. Continue to Part E.	☐ WPCP Required							
7.	Check this box if "No" is checked for all lines 1-4. Part E does not apply.	☐ No Document Required							
This serv	Part E: Determine Construction Site Priority This prioritization must be completed with this form, noted on the plans, and included in the SWPPP or WPCP. The City reserves the right to adjust the priority of the projects both before and during construction. [Note: The construction priority does NOT change construction BMP requirements that apply to projects; rather, it determines the frequency of inspections that will be conducted by City staff.]								
_	 a) Projects where the site is 50 acres or more and grading will occur during the wet season b) Projects 1 acre or more and tributary to an impaired water body for sediment (e.g., Peñasquitos watershed) c) Projects 1 acre or more within or directly adjacent to or discharging directly to a coastal lagoon or other receiving water within a Water Quality Sensitive Area. d) Projects subject to phased grading or advanced treatment requirements. 								
	Medium Priority. Projects 1 acre or more but not subject to a high priority designation	on.							
	Low Priority. Projects requiring a Water Pollution Control Plan but not subject to a n	nedium or high priority designation.							
Nan	ne of Owner or Agent (Please Print): Title:								
Sign	nature: Date:								

APPENDIX B

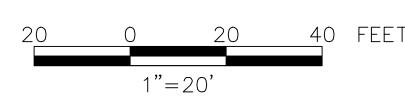
San Diego River Trail – Qualcomm Stadium Segment Proposed Drainage Exhibits







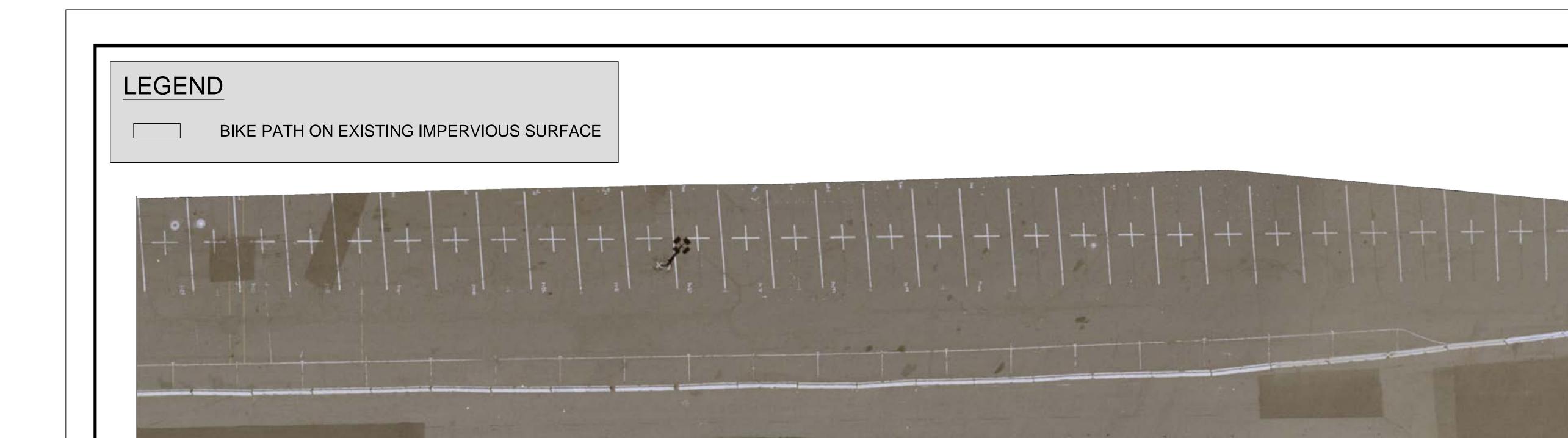
PLAN 1"=20'



Know what's below. Call before you dig.

SAN DIEGO RIVER TRAIL QUALCOMM STADIUM SEGMENT

						1"=20'	Call before you dig.	Develo	opment Service Department	PROJECT NO
	CONSTRUCTION CHANGE 1	TARI E	1	Quality Infrastructure Corporation	DESIGNED BY DATE		SCALE	FOR CITY ENGINEER		V. T.M
CHANGE DATE	EFFECTED OR ADDED SHEET NUMBERS	APPROVAL NO. PROJECT NO.	0 1/2 1	7777 Alvarado Road, Suite 606 La Mesa, CA 91942	PROFESSIONAL A. DODGE xx/xx		AS SHOWN	DESCRIPTION BY ORIGINAL QIC	APPROVED DATE FILMED	
				619-741-9400 www.qualityinfrastructure.com	ANDREA L. DODGE ANDREA L. DODGE A. RIVERA XX/XX	SANDAG	CONTRACT NO. 5001914			XXXX-XXXX NAD83 COORDINATES
			IF THIS BAR DOES NOT MEASURE 1"		No. 75617 Exp. 06/30/16 → CHECKED BY		DRAWING NO.			XXX-XXXX LAMBERT COORDINATES
			THEN DRAWING IS NOT TO SCALE.		CIVIL SANDAG PRJ ENG		SHEET NO.	AS-BUILTS CONTRACTOR	DATE_STARTED	FIGURE 2
					S. VANCE xx/xx			INSPECTOR	DATE COMPLETED	. 100112



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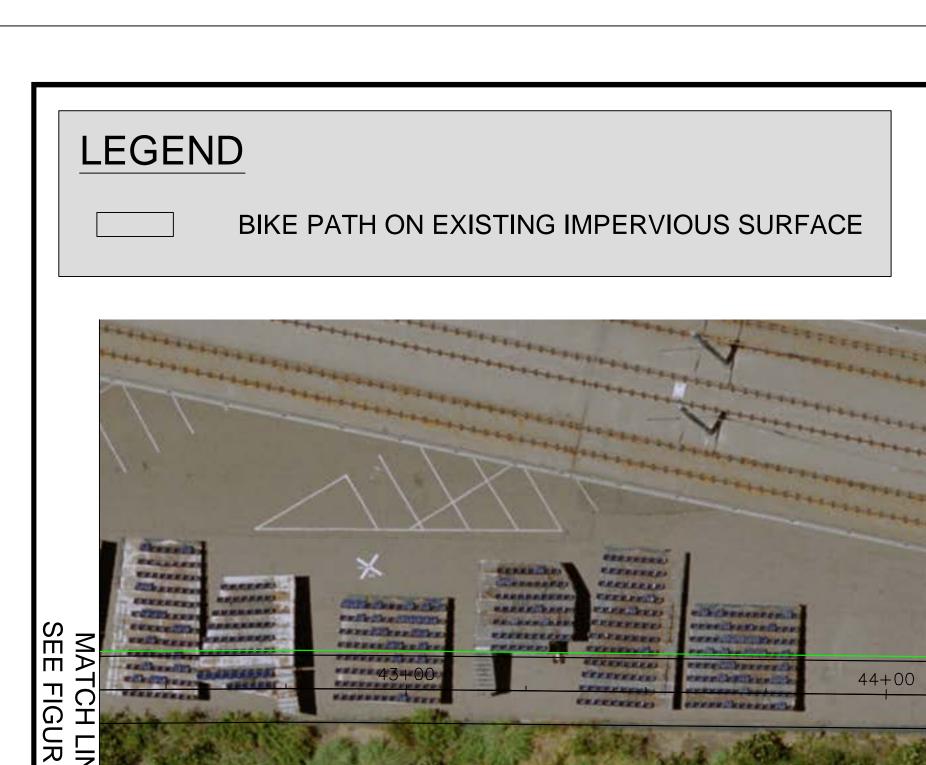
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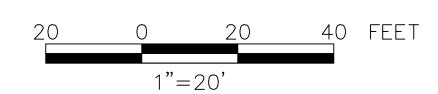
SAN DIEGO RIVER TRAIL QUALCOMM STADIUM SEGMENT

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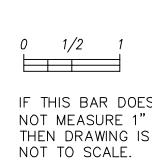
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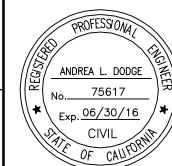
SAN DIEGO RIVER TRAIL QUALCOMM STADIUM SEGMENT

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Quality Infrastructure Corporation 7777 Alvarado Road, Suite 606 La Mesa, CA 91942 619-741-9400 www.qualityinfrastructure.com



	DESIGNED BY	DATE
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	SANDAG PRJ ENG	
	S. VANCE	xx/xx



Appendix G

MITIGATION MONITORING AND REPORTING PROGRAM

Mitigation Monitoring and Reporting Program

The California Environmental Quality Act (CEQA; California Public Resources Code §21081.6) requires public agencies to adopt a monitoring and reporting program for the revisions which it has required in the project and the measures it has imposed to mitigate or avoid significant environmental effects. In order to ensure implementation of the mitigation measures and design features identified in the Mitigated Negative Declaration (MND), SANDAG shall adopt a Mitigation Monitoring and Reporting Program (MMRP). This MMRP has been prepared in accordance with the proposed San Diego River Trail – Qualcomm Stadium Segment Project, the environmental effects of which have been evaluated in an MND prepared in compliance with CEQA and the CEQA Guidelines.

This MMRP identifies the mitigation measures and design features that shall be implemented by SANDAG as the responsible party and the timing of implementation. SANDAG may delegate the reporting or monitoring responsibilities identified below to another entity that accepts the delegation (such as a construction contractor). However, until the mitigation measures and design features included in the MMRP have been completed, SANDAG remains responsible for ensuring that implementation occurs in accordance with the adopted program (CEQA Guidelines §15097[a]).

Design Feature or Mitigation Measure	Timing	Responsible Party	Completed	Initials	Notes (Optional)
Biological Resources BIO-1 If construction occurs between March 15 and September 15, the project applicant shall retain a qualified biologist to conduct preconstruction surveys to determine the presence or absence of least Bell's vireo within adjacent habitat. The pre-construction surveys would consist of 3 surveys spaced one week apart, with the final survey conducted within 10 calendar days prior to the start of construction, and the results must be submitted to SANDAG for review and approval prior to initiating any construction activities. If least Bell's vireo are detected within or adjacent to the construction zone, a letter report or mitigation plan, as deemed appropriate by SANDAG, shall be prepared and include proposed measures to be implemented during construction to ensure that disturbance of breeding activities is avoided. The report or mitigation plan shall be submitted to SANDAG for review and approval.	Prior to construction/ During construction	SANDAG			
BIO-2 Project lighting, including permanent safety lighting or temporary lighting used in the event of nighttime construction shall be selectively placed, shielded, and directed away from the habitat along the San Diego River.	Prior to construction/ During construction	SANDAG			
BIO-3 If construction occurs between January 15 and September 15, the project applicant shall retain a qualified biologist to conduct a preconstruction survey to determine the presence or absence of nesting birds within the project site or adjacent habitat. The pre-construction survey must be conducted within 10 calendar days prior to the start of construction, and the results must be submitted to SANDAG for review and approval prior to initiating any construction activities. If nesting birds are detected within or adjacent to the construction zone, a letter report or mitigation plan, as deemed appropriate by SANDAG, shall be prepared and include proposed measures to be implemented during construction to ensure that disturbance of breeding activities is avoided. The report or mitigation plan shall be submitted to SANDAG for review and approval.	Prior to construction/ During construction	SANDAG			
Cultural Resources			Ţ		
CUL-1 Prior to construction, contractors will receive an archaeological orientation from a professional archaeologist regarding the types of resources that could be uncovered during construction activities and the identification of these resources. The orientation also will cover procedures to follow in the case of any archaeological discovery.	Prior to construction	SANDAG			

Design Feature or Mitigation Measure	Timing	Responsible Party	Completed	Initials	Notes (Optional)
Hazards and Hazardous Materials					` • ′
HAZ-1 Prior to ground disturbance within the Qualcomm Stadium parking lot, the project proponent or construction contractor shall retain a qualified hazardous materials professional to conduct a subsurface soil and groundwater investigation within the Qualcomm Stadium parking lot to assess the presence/absence of contaminated soil and groundwater. If the subsurface soil and groundwater investigation identifies underlying contaminants that potentially would be encountered during project construction activities and the extent of encountered contaminants are at concentrations above applicable California Human Health Screening Levels, the project proponent or construction contractor shall (1) prepare a soil, groundwater, and vapor management plan that shall be implemented during ground disturbing activities within the Qualcomm Stadium parking lot and (2) complete any necessary remediation identified by the subsurface soil and groundwater investigation prior to commencement of construction ground disturbing activities within the Qualcomm Stadium parking lot.	Prior to construction	SANDAG			
Noise					
 NOI-1 If construction activities are required to occur at night between the hours of 9:00 pm and 7:00 am, the construction contractor shall implement measures to minimize short-term noise levels caused by construction activities. Measures to reduce construction noise shall be listed in contractor specifications and shall include, but not be limited to, the following: Construction equipment shall be properly outfitted and maintained with manufacturer-recommended mufflers to minimize construction-generated noise. To minimize noise from idling engines, idling of vehicles and construction equipment shall be minimized when not in use. Operation times of construction vehicles and equipment shall be minimized to the extent practicable. 	During construction (only if construction occurs at night)	SANDAG			
Construction equipment shall be placed and operated away from noise sensitive receptors to the extent feasible.					

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Appendix H

RESPONSES TO PUBLIC COMMENTS



A-1

STATE OF CALIFORNIA Governor's Office of Planning and Research State Clearinghouse and Planning Unit



December 4, 2015

LAuren Esposito San Diego Association of Governments 401 B Street, Suite 800 San Diego, CA 92101

Subject: San Diego River Trail - Qualcomm Stadium Segment

SCH#: 2015111010

Dear LAuren Esposito:

The State Clearinghouse submitted the above named Mitigated Negative Declaration to selected state agencies for review. On the enclosed Document Details Report please note that the Clearinghouse has listed the state agencies that reviewed your document. The review period closed on December 3, 2015, and the comments from the responding agency (ies) is (are) enclosed. If this comment package is not in order, please notify the State Clearinghouse immediately. Please refer to the project's ten-digit State Clearinghouse number in future correspondence so that we may respond promptly.

Please note that Section 21104(c) of the California Public Resources Code states that:

"A responsible or other public agency shall only make substantive comments regarding those activities involved in a project which are within an area of expertise of the agency or which are required to be carried out or approved by the agency. Those comments shall be supported by specific documentation."

These comments are forwarded for use in preparing your final environmental document. Should you need more information or clarification of the enclosed comments, we recommend that you contact the commenting agency directly.

This letter acknowledges that you have complied with the State Clearinghouse review requirements for draft environmental documents, pursuant to the California Environmental Quality Act. Please contact the State Clearinghouse at (916) 445-0613 if you have any questions regarding the environmental review process.

Sincerely

Scott Morgan

Director, State Clearinghouse

Enclosures

cc: Resources Agency

A-1 This comment letter confirms receipt and distribution of the draft IS/MND and documents project compliance with State Clearinghouse review requirements for the draft IS/MND pursuant to CEQA. No further response is required.

1400 TENTH STREET P.O. BOX 3044 SACRAMENTO, CALIFORNIA 95812-3044 TEL (916) 445-0613 FAX (916) 323-3018 www.opr.ca.gov

COMMENTS RESPONSES

Document Details Report State Clearinghouse Data Base

SCH# 2015111010

Project Title San Diego River Trail - Qualcomm Stadium Segment

Lead Agency San Diego Association of Governments

Type MND Mitigated Negative Declaration

Description The proposed project would consist of Class I bikeway and is located in the Mission Valley community of the City of San Diego, along an approx. 0.8 mile segment extending eastward from the terminus of Fenton Parkway along a vegetated slope behind the Fenton Marketplace shopping center and through the southern portion of the Qualcomm Stadium parking lot to connect with Rancho Mission Road. Most of the trial would occur on existing paved surfaces within the stadium parking lot. The San Diego River is located adjacent to the trail on the south; however, the trail would not encroach into the river corridor. Construction of the trail would remove a total of approx. 56 parking spaces within the Qualcomm Stadium parking lot. These spaces are not public parking spaces, but are utilized for events at the stadium.

Lead Agency Contact

Name LAuren Esposito

Agency San Diego Association of Governments

Phone 619-595-5374

email

Address 401 B Street, Suite 800

City San Diego

State CA Zip 92101

Fax

Project Location

County San Diego City San Diego

Region

Lat / Long 38° 46' 50" N / 117° 7' 12" W

Fenton Parkway/Northside Drive Cross Streets Parcel No. 433-101-08, 101-09, 250-13, 250-16

Base Township Range Section

Proximity to:

Highways I-8, 15

Airports

Railways MTS Trolley Waterways San Diego River Schools Various

Land Use Commercial Regional, Commercial Visitor, Multiple Zone/Specific Plan

Project Issues Aesthetic/Visual; Air Quality; Archaeologic-Historic; Biological Resources; Flood Plain/Flooding;

Geologic/Seismic; Minerals; Noise; Public Services; Recreation/Parks; Soil Erosion/Compaction/Grading; Toxic/Hazardous; Vegetation; Water Quality; Wetland/Riparian; Water

Supply; Landuse; Cumulative Effects

Reviewing Resources Agency; Department of Fish and Wildlife, Region 5; Department of Parks and Recreation; Agencies Department of Water Resources; California Highway Patrol; Caltrans, District 11; Air Resources Board, Transportation Projects; Regional Water Quality Control Board, Region 9; Native American Heritage

Commission; Public Utilities Commission

Date Received 11/04/2015 Start of Review 11/04/2015 End of Review 12/03/2015 COMMENTS

 From:
 Kershek, Lauren

 To:
 Esposito, Lauren

 Cc:
 Schlitt, Paul@Wildlife

Subject: Comments on SD River Trail Qualcomm Stadium Segment draft MND

Date: Thursday, December 03, 2015 3:47:09 PM

In Reply Refer To:

FWS-SDG-16B0080-16CPA0045

Dear Ms. Esposito,

The U.S. Fish and Wildlife Service (Service) has reviewed the Draft Initial Study/Mitigated Negative Declaration (MND), dated November 2015, for the San Diego River Trail – Qualcomm Stadium Segment Project within the City of San Diego. The comments provided herein are based on the draft MND and associated documents, our knowledge of sensitive and declining vegetation communities in the County of San Diego, and our participation in regional conservation planning efforts.

The primary concern and mandate of the Service is the protection of public fish and wildlife resources and their habitats. The Service has legal responsibility for the welfare of migratory birds, anadromous fish, and endangered animals and plants occurring in the United States. The Service is also responsible for administering the Federal Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*), including habitat conservation plans (HCP) developed under section 10(a)(1)(B) of the Act.

The San Diego Association of Governments (SANDAG) proposes to construct a 0.8 mile segment of the San Diego River Trail through Qualcomm Stadium in the Mission Valley community of the City of San Diego. The project will result in impacts only to non-native vegetation and disturbed/developed areas. Construction of portions of the project will occur adjacent to riparian habitat in the San Diego River.

We offer the following comment to assist SANDAG in avoiding and minimizing project-related impacts to biological resources:

• The draft MND states that the federally endangered least Bell's vireo (Vireo bellii pusillus, vireo) has not been detected near the project area. However, annual protocol surveys of the San Diego River have consistently detected vireos immediately adjacent to the project area since 2009 (Lynn and Kus 2012). Therefore, construction should be conducted outside the breeding season (March 15 to September 15). If construction during the breeding season cannot be avoided, we recommend that SANDAG contact the Service for measures to avoid impacts to nesting vireos.

We appreciate the opportunity to comment on the draft MND. Please contact me at the phone

B-1 This comment provides introductory statements and no further response is required.

RESPONSES

B-2 As stated in Section 7.4.a of the IS, the federally- and state-endangered least Bell's vireo has the potential to occur within habitat adjacent to the proposed bike path alignment, but outside of the proposed project's impact limits. While the IS notes that the least Bell's vireo was not observed in the most recent surveys conducted within the portion of the river adjacent to the project site (2013 surveys conducted for the City of San Diego Public Utilities Department), the final IS/MND has been revised to acknowledge that previous surveys conducted by the United States Geological Survey (USGS) for the San Diego River Conservancy

B-

B-1

COMMENTS RESPONSES

B-3 cont.

number below if you have any questions or comments regarding these comments.

Lauren Kershek Biologist (Endangered Species) U.S. Fish and Wildlife Service 2177 Salk Ave, Suite 250 Carlsbad, CA 92008 (760) 431-9440 x208

Literature Cited:

Lynn, S. and B.E. Kus. 2014. Distribution, abundance, and breeding activities of the least Bell's vireo along the San Diego River, California. 2008-2012 Summary Report. Prepared for the San Diego River Conservancy, San Diego, California.

- (Lynn S. and Kus B. 2014. Distribution, Abundance, and Breeding B-2 Activities of the Least Bell's Vireo along the San Diego River, California. cont. 2008 to 2012 Summary Report) observed least Bell's vireo within the adjacent river corridor, including some locations within 500 feet of the project site in 2009, 2010, 2011, and 2012. However, the revisions do not change the assessment in the IS that the project could result in a potentially significant indirect impact to this special status species if construction activities occur during its breeding season (March 15 through September 15). Mitigation measures are identified in the IS and Mitigation Monitoring and Reporting Program (MMRP) of this final IS/ MND (BIO-1 and BIO-2) that would reduce potential indirect impacts to below a level of significance during construction activities within the breeding season. The avoidance of construction during the breeding season will most likely not be feasible. Therefore, SANDAG will contact the Service and identify and implement avoidance and minimization measures to avoid and/or reduce impacts to nesting vireos, as applicable.
- B-3 These are concluding statements and no further response is required.

COMMENTS RESPONSES



State of California - Natural Resources Agency DEPARTMENT OF FISH AND WILDLIFE South Coast Region 3843 Ruffin Road Sen Diego, CA 92123 (858) 457-4201 www.widtle.ca.gov OMUND G. BROWN JR., Governor CHARLTON H. BONHAM, Director

December 3, 2015

Lauren Esposito, Environmental Planner San Diego Association of Governments 401 B Street, Suite 800 San Diego, CA 92101

Subject: Comments on the public Notice of Intent to Adopt a Mitigated Negative Declaration for the San Diego River Trail – Qualcomm Stadium Segment Project (File Number 1223052; SCH# 2015111010)

Dear Ms. Esposito:

The California Department of Fish and Wildlife (Department), has reviewed the draft Mitigated Negative Declaration (MND) for the San Diego River Trail — Qualcomm Stadium Segment Project, dated November 4, 2015. The comments provided herein are based on the draft MND and associated documents (including the Biological Resources Letter Report for the San Diego River Trail Qualcomm Stadium Segment Project, prepared by Heix Emvironmental Planning, dated October 21, 2015), our knowledge of sensitive and declining vegetation communities in the City of San Diego, and our participation in regional conservation planning efforts.

The following statements and comments have been prepared pursuant to the Department's authority as Trustee Agency with jurisdiction over natural resources affected by the project (California Environmental Quality Act [CEQA] Guidelines § 15386) and pursuant to our authority as a Responsible Agency under CEQA Guidelines Section 15381 over those aspects of the proposed project that come under the purview of the California Endangered Species Act (Fish and Game Code §2050 et seq.), Fish and Game Code Section 1600 et seq., and other sections of the Fish and Game Code. The Department also administers the Natural Community Conservation Planning (NCCP) program, a California regional habitat conservation planning reporare.

The San Diego Association of Governments (SANDAG) proposes to construct a 0.8 mile segment of the San Diego River Trail through Qualcomm Stadium in the Mission Valley community of the City of San Diego. The proposed segment of trail would extend eastward from the terminus of Fenton Parkway along a vegetated slope behind the Fenton Marketplace shopping center and extend along the southern perimeter of the Qualcomm Stadium parking lot to connect with Rancho Mission Road. Construction of the trail would remove 56 parking spaces within the Qualcomm Stadium parking lot.

The Department offers the following comments and recommendations to assist SANDAG in avoiding, minimizing, and adequately mitigating project-related impacts to biological resources, and to ensure that the project is consistent with regional habitat conservation planning efforts.

 According to the discussion provided in the initial study's Land Use and Planning section, the proposed project was determined to not conflict with the applicable goals and guidelines contained in the San Diego River Park Master Plan (SDRPMP).

Conserving California's Wildlife Since 1870

C-1 This comment provides introductory statements and no further response is required.

C-2 The project entails constructing a portion of the San Diego River Trail through the Qualcomm Stadium parking lot in an area within the boundaries of the portion of the San Diego River Park addressed in the San Diego River Park Master Plan. The project is not implementing the San Diego River Park Master Plan and, thus, is not subject to the design criteria and guidelines contained in the San Diego River Park Master Plan. Moreover, the proposed alignment through the Qualcomm

C-2

C-1

Lauren Esposito, Environmental Planner San Diego Association of Governmenta December 3, 2015 Page 2 of 3

cont.

However, the discussion is limited to referencing that the intent of the SDRPMP is to create a connected continuum, with a sequence of unique places and experiences, and the plan recommends creating a continuous multi-use trail San Diego River Pathway from the Pacific Ocean to the City of Santee. The discussion does not include the various design criteria provided in the SDRPMP. For example, the SDRPMP identifies that the "River Corridor Area will include the river itself and the land immediately adjacent to it. This comidor will be measured by the 100-year Floodway, as mapped by FEMA, plus 35 feet on either side of the floodway." The SDRPMP identifies that a 35foot wide area will provide an opportunity for wildlife habitat, native vegetation and a multi-use pathway to accommodate people. It will be a natural environment providing for the river ecology, enhancement of wildlife habitat and movement, and allowing for passive recreation, such as walking, bicycling, sitting and observation. Also, the SDRPMP calls for a River Influence Area that will adjoin the River Corridor Area and extend 200 feet on either side of the River Corridor Area. Furthermore, the SDRPMP provides design guidance specific to the Qualcomm Stadium, including: (1) create primarily natural open space located between the trolley and the river; (2) extend open space corridor to create new habitat and trail connection to Murphy Canyon; and (3) natural riparian and upland habitat areas. With respect to the current trail alignment, the initial study is silent on whether the current trail alignment followed any of the aforementioned design elements.

According to the proposed trail alignment (i.e., Figure 3), the portion of the trail through the stadium parking lot (Station 18-59 to 49-77) would extend along the southern edge of the parking lot, south of the perimeter road, and would pass under the trolley overcrossing structure in the east end of the stadium parking lot. We were unable to find a corresponding figure that depicts the location of the 100-year floodway, 35-foot corridor or River Influence Area, as referenced in SDRPMP. We believe an opportunity exists at this stage for SANDAG to incorporate the key design guidelines identified in the SDRPMP for this segment of San Diego River Trail. The SDRPMP acknowledges that 'wildlife habitat within the river valley are disconnected, impaired and isolated from upland habitat", therefore we strongly encourage SANDAG to reevaluate the current design and consider utilizing the 35-foot corridor for habitat improvement, as opposed to limiting the trail to the southern edge of the parking lot.

2. The southern and eastern areas of the current stadium parking lot, despite being fully paved, are periodically subject to inundation from Murphy Carryon Creek and the San Diego River and, as such, are a component of the stream bed and channel. Any project activity that will divert or obstruct the natural flow of, or change or use material from the bed, channel, or bank (which may include associated riparian resources) of a river or stream, including an activity that seeks to exclude the stream from its floodplain, such as installation of fill to bring portions of the site out of the 100-year flood zone, could trigger the need for the project applicant (or "entity") to notify the Department pursuant to section 1600 et seq, of the Fish and Game Code. Based on this notification and other information, the Department would determine whether a Lake and Streambed Alteration Agreement (LSA) with the applicant is required prior to conducting the proposed activities. The Department's issuance of a LSA for a project that is subject to CEQA would require CEQA compliance actions by the Department as a Responsible Agency. The Department as a Responsible Agency under CEQA may consider SANDAG's MND for the project. To minimize additional requirements by the Department pursuant to

C-2 Stadium parking lot is anticipated to be an interim alignment until such cont. time the San Diego River Park Master Plan can be implemented.

C-3 As stated in response C-2 above, the project is not subject to the design criteria and guidelines contained in the San Diego River Park Master Plan.

C-4 As identified in Sections 7.4.b and 7.4.c of the IS, the project would not impact riparian habitat or waters under the jurisdiction of the California Department of Fish and Wildlife. Section 7.9.h of the IS notes that portions of the bike path would be located within a mapped 100-year flood hazard area, but the proposed improvements are within the paved parking lot of Qualcomm Stadium and would not impede or redirect flood flows. Given that no impacts related to riparian resources or floodplain exclusion would occur, the project would not require a Lake and Streambed Alteration Agreement.

Lauren Esposito, Environmental Planner San Diego Association of Governments December 3, 2015 Page 3 of 3

> section 1600 et seq. and/or under CEQA the document should fully identify the potential impacts to the stream or riperian resources, including flood plain exclusion, and provide adequate avoidance, mitigation, monitoring, and reporting commitments for issuance of the LSA.

3. The MND states that the federally and State endangered least Bell's vireo (Viroo bell' pusitive, vireo) has not been detected near the project area. However, annual protocol surveys of the San Diego River have consistently detected vireos immediately adjacent to the project area since 2009 (Lynn and Kus 2012). Therefore, we recommend that construction be conducted outside the breeding season (March 15 to Beptember 15). If construction during the breeding season is unavoidable, consultation with the U.S. Fish and Wildlife Service and Department should be initiated to determine appropriate avoidance and minimization measures.

We appreciate the opportunity to comment on the draft MND for the project and to assist the SANDAG in further minimizing and mitigating project impacts to biological resources. The Department requests an opportunity to review and comment on any response that SANDAG has regarding our concerns and to receive notification of the forthcoming hearing date for the project. If you have questions or comments regarding this letter, please contact Paul Schitt/NCCP at (858) 837-6510 or via e-mail at Paul Schitt@wildlife.ca.gov.

Sincerely

Gall K. Sevrens Environmental Program Manager South Coast Region

ec: State Clearinghouse, Sacramento David Zoutendyk, U.S. Fish and Wildlife Service, Carlsbad Lauren Kershek, U.S. Fish and Wildlife Service, Carlsbad

Literature Cited:

Lynn, S. and B.E. Kus. 2014. Distribution, abundance, and breeding activities of the least Bell's vireo along the San Diego River, California. 2008-2012 Summary Report. Prepared for the San Diego River Conservancy, San Diego, California.

- As stated in Section 7.4.a of the IS, the federally- and state-endangered least Bell's vireo has the potential to occur within habitat adjacent to the proposed bike path alignment, but outside of the proposed project's impact limits. While the IS notes that the least Bell's vireo was not observed in the most recent surveys conducted within the portion of the river adjacent to the project site (2013 surveys conducted for the City of San Diego Public Utilities Department), the final IS/MND has been revised to acknowledge that previous surveys conducted by the USGS for the San Diego River Conservancy (Lynn S. and Kus B. 2014. Distribution, Abundance, and Breeding Activities of the Least Bell's Vireo along the San Diego River, California. 2008 to 2012 Summary Report) observed least Bell's vireo within the adjacent river corridor, including some locations within 500 feet of the project site in 2009, 2010, 2011, and 2012. However, the revisions do not change the assessment in the IS that the project could result in a potentially significant indirect impact to this special status species during construction activities within the breeding season (March 15 through September 15). Mitigation measures are identified in the IS and MMRP of this final IS/MND (BIO-1 and BIO-2) that would reduce potential indirect impacts to below a level of significance if construction activities cannot avoid the breeding season. The avoidance of construction during the breeding season will most likely not be feasible. Therefore, SANDAG will contact the Service and identify and implement avoidance and minimization measures to avoid and/or reduce impacts to nesting vireos, as applicable.
- C-6 These are concluding statements and no further response is required.

COMMENTS RESPONSES

From: inugent50@aol.com To:

D-1

D-2

D-3

D-4

Cc: rhutsel@sandiegoriver.org; dottie.surdi@svn.com; SDRiverTrail@schmidtdesign.com; Vance, Stephan Subject: San Diego River Trail - Qualcomm Stadium Segment Project Draft Initial Study/Mitigated Negative Declaration

Thursday, November 05, 2015 7:40:36 AM

I am submitting this comment on the San Diego River Trail - Qualcomm Stadium Segment Project Draft Initial Study/Mitigated Negative **Declaration** while also seeking clarification on this project: The documents state "The proposed project would consist of Class I bikeway, which is a path that provides a separated right-of-way for the exclusive use of people walking and riding bikes, extending eastward from the terminus of Fenton Parkway along a vegetated slope behind the Fenton Marketplace shopping center and through the southern portion of the Qualcomm Stadium parking lot to connect with Rancho Mission Road."

Does the "separated right-of-way for the exclusive use of people walking and riding bikes" mean that it is separated from motorized vehicles **OR** does it mean that the pathway will have a "separated right-of-way for the exclusive use of people walking and riding bikes" mean that the path will be divided with separate lanes for bikes and separate lanes for pedestrians?

It appears to me from the documents that the intent of this **San Diego River Trail** - Oualcomm Stadium Segment Project is to expand the Regional Bike Path, where pedestrians appear to be considered as a secondary nuisance. Is it the intent of this document that pedestrians will be regulated to the "shoulder" (as is proposed for the realignment of the Ocean Beach/Sefton Field portion of the path) where they walk single file in order for bicyclists to ride by at speeds of 10-20km/hr, creating an extremely unsafe environment for pedestrian families with small children or pedestrians with animals or are the pedestrians to share the path with bicyclists trying to ride the same path at speeds of 10-20km/hrm?.

From my perspective there should be dedicated bike lanes going opposite directions on each side of the path (shoulders) with the center portion of the path being designated as a pedestrian walkway, where pedestrians can naturally walk side by side in a social manner rather than the "hiking manner" proposed in the Ocean Beach/Sefton Field portion of the pathway.

John W. Nugent 5765 Friars Rd #150 San Diego, CA 92110 (619) 772-8855

D-1 This comment provides introductory statements and no further response is required.

- Class I bikeways are shared-use paths that are physically separated from motorized vehicular traffic. Class I bikeways accommodate people walking and riding bicycles and other non-motorized modes of travel. Separate lanes for bicycles and pedestrians are not typically included in the design of Class I bikeways and will not be a feature of this project.
- The proposed Class I bikeway would be a shared, multi-use facility D-3 whereby people riding bikes yield to people walking. Pedestrians would not be required to use the shoulders of the bike path. This is standard practice in San Diego and nationally.
- Thank you for your suggestion on bike path design. The proposed project is being designed per California Department of Transportation (Caltrans) standards (Highway Design Manual, Chapter 1000, Bikeway Planning and Design) as described in the San Diego Regional Bicycle Plan. Riding to 2050. As noted in the Caltrans design criteria, separate pedestrian and bicycle facilities are necessary only when significant pedestrian use is anticipated, and significant pedestrian use is not anticipated for the proposed project as it is not in an area where walking is a common mode of transportation, such as a beach boardwalk.