STATE OF CALIFORNIA STATE WATER RESOURCES CONTROL BOARD

ORDER WQ 2013-0114-UST

In the Matter of Underground Storage Tank Case Closure
Pursuant to Health and Safety Code Section 25296.40 and the
Low-Threat Underground Storage Tank Case Closure Policy

BY THE EXECUTIVE DIRECTOR:1

By this order, the Executive Director directs closure of the underground storage tank (UST) case at the site listed below, pursuant to subdivision (a) of section 25296.40 of the Health and Safety Code.² The name of the petitioner, the site name, the site address, the Underground Storage Tank Cleanup Fund (Fund) claim number if applicable, the lead agency, and case number are as follows:

Mr. Marvin Katz, Shell Oil Products US
Shell Service Station
4035 Chapman Avenue, Orange CA 92869
Fund Claim No. 16036
Orange County Local Oversight Program, Case No. 98UT012

I. STATUTORY AND PROCEDURAL BACKGROUND

Upon receipt of a petition from a UST owner, operator, or other responsible party, section 25296.40 authorizes the State Water Resources Control Board (State Water Board) to close or require closure of a UST case where an unauthorized release has occurred, if the State Water Board determines that corrective action at the site is in compliance with all of the requirements of subdivisions (a) and (b) of section 25296.10. The State Water Board, or in certain cases the State Water Board Executive Director, may close a case or require the closure

¹ State Water Board Resolution No. 2012-0061 delegates to the Executive Director the authority to close or require the closure of any UST case if the case meets the criteria found in the State Water Board's Low-Threat Underground Storage Tank Case Closure Policy adopted by State Water Board Resolution No. 2012-0016.

² Unless otherwise noted, all references are to the California Health and Safety Code.

of a UST case. Closure of a UST case is appropriate where the corrective action ensures the protection of human health, safety, and the environment and where the corrective action is consistent with: 1) Chapter 6.7 of division 20 of the Health and Safety Code and implementing regulations; 2) Any applicable waste discharge requirements or other orders issued pursuant to division 7 of the Water Code; 3) All applicable state policies for water quality control; and 4) All applicable water quality control plans.

State Water Board staff has completed a review of the UST case identified above, and recommends that this case be closed. The recommendation is based upon the facts and circumstances of this particular UST case. A UST Case Closure Summary has been prepared for the case identified above and the basis for determining compliance with the Water Quality Control Policy for Low-Threat Underground Storage Tank Case Closures (Low-Threat Closure Policy or Policy) are explained in the Case Closure Summary.

Low-Threat Closure Policy

In State Water Board Resolution No. 2012-0016, the State Water Board adopted the Low-Threat Closure Policy. The Policy became effective on August 17, 2012. The Policy establishes consistent statewide case closure criteria for certain low-threat petroleum UST sites. In the absence of unique attributes or site-specific conditions that demonstrably increase the risk associated with residual petroleum constituents, cases that meet the general and media-specific criteria in the Low-Threat Closure Policy pose a low-threat to human health, safety, and the environment and are appropriate for closure under Health and Safety Code section 25296.10. The Policy provides that if a regulatory agency determines that a case meets the general and media-specific criteria of the Policy, then the regulatory agency shall notify responsible parties and other specified interested persons that the case is eligible for case closure. Unless the regulatory agency revises its determination based on comments received on the proposed case closure, the Policy provides that the agency shall issue a uniform closure letter as specified in Health and Safety Code section 25296.10. The uniform closure letter may only be issued after the expiration of the 60-day comment period, proper destruction or maintenance of monitoring wells or borings, and removal of waste associated with investigation and remediation of the site.

Health and Safety Code section 25299.57, subdivision (I)(1) provides that claims for reimbursement of corrective action costs that are received by the Fund more than 365 days after the date of a uniform closure letter or a letter of commitment, whichever occurs later, shall not be reimbursed unless specified conditions are satisfied.

II. FINDINGS

Based upon the UST Case Closure Summary prepared for the case attached hereto, the State Water Board finds that corrective action taken to address the unauthorized release of petroleum at the UST release site identified as:

Mr. Marvin Katz, Shell Oil Products US
Shell Service Station
4035 Chapman Avenue, Orange CA 92869
Fund Claim No. 16036
Orange County Local Oversight Program, Case No. 98UT012

ensures protection of human health, safety, and the environment and is consistent with Chapter 6.7 of division 20 of the Health and Safety Code, and implementing regulations, the Low-Threat Closure Policy and other water quality control policies and applicable water quality control plans.

Pursuant to the Low-Threat Closure Policy, notification has been provided to all entities that are required to receive notice of the proposed case closure, a 60-day comment period has been provided to notified parties, and any comments received have been considered by the State Water Board in determining that the case should be closed.

Pursuant to section 21080.5 of the Public Resources Code, environmental impacts associated with the adoption of this Order were analyzed in the substitute environmental document (SED) the State Water Board approved on May 1, 2012. The SED concludes that all environmental effects of adopting and implementing the Low Threat Closure Policy are less than significant, and environmental impacts as a result of adopting this Order in compliance with the Policy are no different from the impacts that are reasonably foreseen as a result of the Policy itself. A Notice of Decision was filed August 17, 2012. No new environmental impacts or any additional reasonably foreseeable impacts beyond those that were addressed in the SED will result from adopting this Order.

The UST case identified above may be the subject of orders issued by the Regional Water Quality Control Board (Regional Water Board) pursuant to division 7 of the Water Code. Any orders that have been issued by the Regional Water Board pursuant to division 7 of the Water Code, or directives issued by a Local Oversight Program (LOP) agency for this case should be rescinded to the extent they are inconsistent with this Order.

III. ORDER

IT IS THEREFORE ORDERED that:

- A. The UST case identified in Section II of this Order, meeting the general and media-specific criteria established in the Low-Threat Closure Policy, be closed in accordance with the following conditions and after the following actions are complete. Prior to the issuance of a uniform closure letter, the Petitioner is ordered to:
 - Properly destroy monitoring wells and borings unless the owner of real property on which the well or boring is located certifies that the wells or borings will be maintained in accordance with local or state requirements;
 - 2. Properly remove from the site and manage all waste piles, drums, debris, and other investigation and remediation derived materials in accordance with local or state requirements; and
 - 3. Within six months of the date of this Order, submit documentation to the regulatory agency overseeing the UST case identified in Section II of this Order that the tasks in subparagraphs (1) and (2) have been completed.
- B. The tasks in subparagraphs (1) and (2) of Paragraph (A) are ordered pursuant to Health and Safety Code section 25296.10 and failure to comply with these requirements may result in the imposition of civil penalties pursuant to Health and Safety Code section 25299, subdivision (d)(1). Penalties may be imposed administratively by the State Water Board or Regional Water Board.
- C. Within 30 days of receipt of proper documentation from the Petitioner that requirements in subparagraphs (1) and (2) of Paragraph (A) are complete, the regulatory agency that is responsible for oversight of the UST case identified in Section II of this Order shall notify the State Water Board that the tasks have been satisfactorily completed.
- D. Within 30 days of notification from the regulatory agency that the tasks are complete pursuant to Paragraph (C), the Deputy Director of the Division of Water Quality shall issue a uniform closure letter consistent with Health and Safety Code section 25296.10, subdivision (g) and upload the uniform closure letter and UST Case Closure Summary to GeoTracker.

- E. Pursuant to section 25299.57, subdivision (I) (1), and except in specified circumstances, all claims for reimbursement of corrective action costs must be received by the Fund within 365 days of issuance of the uniform closure letter in order for the costs to be considered.
- F. Any Regional Water Board or LOP agency directive or order that directs corrective action or other action inconsistent with case closure for the UST case identified in Section II is rescinded, but only to the extent the Regional Water Board order or LOP agency directive is inconsistent with this Order.

Executive Director

5





State Water Resources Control Board

UST CASE CLOSURE SUMMARY

Agency Information

Agency Name: County of Orange Health Care	Address: 1241 E. Dyer Rd. #120,
Agency Public Health Services	Santa Ana, CA 92705
Environmental Health (County)	
Agency Caseworker: Mr. Denamarie Baker	Case No.: 98UT012

Case Information

USTCF Claim No.: 16036	Global ID: T0605901353				
Site Name: Shell Service Station	Site Address: 4035 Chapman Avenue,				
	Orange, CA 92869 (Site)				
Petitioner: Shell Oil Products US	Address: 20945 South Wilmington Avenue,				
Attention: Mr. Marvin Katz	Carson, CA 90810				
USTCF Expenditures to Date: \$0	Number of Years Case Open: 22				

URL: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0605901353

Summary

The Low-Threat Underground Storage Tank Case Closure Policy (Policy) contains general and media-specific criteria, and cases that meet those criteria are appropriate for closure pursuant to the Low-Threat Policy. This Case meets all of the required criteria of the Policy. A summary evaluation of compliance with the Policy is shown in **Attachment 1: Compliance with State Water Board Policies and State Law**. The Conceptual Site Model upon which the evaluation of the Case has been made is described in **Attachment 2: Summary of Basic Site Information**. Highlights of the Conceptual Site Model of the Case are as follows:

The release of petroleum constituents were discovered during a soil investigation in July 1991. The Site is an active Shell service station. Data from multiple soil borings and groundwater wells have been used to estimate the extent of contamination.

Results from soil vapor extraction (SVE) system operations indicate that most of the release was absorbed into silt layers at least 25 feet above the water table. Approximately 1,648 pounds of total petroleum hydrocarbons (TPH) were removed during SVE activities. Influent soil vapor extraction concentrations indicate remediation has been completed to the extent practicable.

Soil boring data indicate that petroleum constituents in soil are limited in lateral extent to the area located southwest of the former UST cavity and east of the southernmost pump island. The soil data sampled from boring B16, near the water table, and groundwater data from monitoring well MW-2 both indicate that the petroleum constituent plume above water quality objectives (WQOs) is limited in

Shell Service Station 4035 Chapman Avenue, Orange

extent. The June 2011, groundwater sample from VW-5D indicates that the groundwater contamination plume is stable.

The affected groundwater beneath the Site is not currently being used as a source of drinking water or for any other designated beneficial use, and it is highly unlikely that the affected groundwater will be used as a source of drinking water or for any other beneficial use in the foreseeable future. Public supply wells are usually constructed with competent sanitary seals and intake screens that are in deeper more protected aquifers. Remaining petroleum constituents are limited, stable and declining. Remedial actions have been implemented and further remediation would be ineffective and expensive. Additional assessment/monitoring will not likely change the conceptual model. Any remaining petroleum constituents do not pose significant risk to human health, safety or the environment.

Rationale for Closure under the Policy

- General Criteria Site MEETS ALL EIGHT GENERAL CRITERIA under the Policy.
- Groundwater Media-Specific Criteria Site meets the criterion in CLASS 2. Based on an analysis of Site-specific conditions a conservative estimate of plume length that exceeds WQOs is less than 200 feet. There is no free product. The nearest existing water supply well or surface water body is greater than 1,000 feet from the estimated plume boundary. The dissolved concentration of benzene is less than 3,000 micrograms per liter (μg/l), and the dissolved concentration of MTBE is less than 1,000 μg/L.
- Petroleum Vapor Intrusion to Indoor Air Site meets the EXCEPTION. Exposures to petroleum vapors associated with historical fuel system releases are comparatively insignificant relative to exposures from small surface spills and fugitive vapor releases that typically occur at active fueling facilities.
- Direct Contact and Outdoor Air Exposure Site meets CRITERIA (3) a. Maximum concentrations of petroleum constituents in soil are less than or equal to those listed in Table 1 for commercial property. The estimated naphthalene concentrations in soil meet the thresholds in Table 1 and the Policy criteria for direct contact by a factor of eight. It is highly unlikely that naphthalene concentrations in the soil, if any, exceed the threshold.

Objections to Closure

Orange County staff objected to UST case closure because:

 During March 2006, the groundwater sample from well VW-5D had detectable concentrations of total petroleum hydrocarbons as gasoline, benzene, toluene, ethylbenzene, total xylene and TBA (3,900 ug/l, 2.7 ug/l, 1.8 ug/l, 12 ug/l, 29 ug/l and 43 ug/l, respectively). Although these concentrations were relatively low, there has not been sufficient water in any of the wells to collect a second round of groundwater samples to confirm the concentrations or evaluate any trend.

<u>RESPONSE:</u> Well VW-5D was sampled in June 2011. Results from the June 2011 sampling event indicate that the petroleum constituent plume is stable. The extent of the groundwater plume is estimated to be less than 200 feet. Additional assessment will not likely change conceptual model.

Shell Service Station 4035 Chapman Avenue, Orange

2. Active production wells in the vicinity of the site, combined with the site being in a groundwater recharge basin area and course grained soils provide hydraulic communication between the shallow groundwater and deeper zones used for production.

<u>RESPONSE:</u> The nearest supply well is over 2,000 feet southwest of the Site. Residual petroleum constituents in soil and groundwater are stable. It is unlikely that the plume exceeds 200 feet in lateral extent.

Recommendation for Closure

The corrective action performed at this Site ensures the protection of human health, safety, the environment and is consistent with Chapter 6.7 of the Health and Safety Code and implementing regulations, applicable state policies for water quality control and the applicable water quality control plan, and case closure is recommended.

Prepared By: Russell Hansen, PE No. 77684

Water Resource Control Engineer

Senior Engineering Geologist

7/23/2013

Date

Date

ATTACHMENT 1: COMPLIANCE WITH STATE WATER BOARD POLICIES AND STATE LAW

The Site complies with State Water Resources Control Board policies and state law. Section 25296.10 of the Health and Safety Code requires that Sites be cleaned up to protect human health, safety, and the environment. Based on available information, any residual petroleum constituents at the Site do not pose significant risk to human health, safety, or the environment.

The Site complies with the requirements of the Low-Threat Underground Storage Tank (UST) Case Closure Policy as described below.¹

	•
Is corrective action consistent with Chapter 6.7 of the Health and Safety Code and Implementing regulations? The corrective action provisions contained in Chapter 6.7 of the Health and Safety Code and the implementing regulations govern the entire corrective action process at leaking UST sites. If it is determined, at any stage in the corrective action process, that UST case closure is appropriate, further compliance with corrective action requirements is not necessary. Corrective action at this Site has been consistent with Chapter 6.7 of the Health and Safety Code and implementing regulations and, since this case meets applicable case-closure requirements, further corrective action is not necessary, unless the activity is necessary for case closure.	⊠ Yes □ No
Have waste discharge requirements or any other orders issued pursuant to Division 7 of the Water Code been issued at this Site?	□ Yes ⊠ No
If so, was the corrective action performed consistent with any order?	☐ Yes ☐ No ☒ NA
General Criteria General criteria that must be satisfied by all candidate sites:	
Is the unauthorized release located within the service area of a public water system?	⊠ Yes □ No
Does the unauthorized release consist only of petroleum?	⊠ Yes □ No
Has the unauthorized ("primary") release from the UST system been stopped?	⊠ Yes □ No
Has free product been removed to the maximum extent practicable?	⊠ Yes □ No □ NA
Has a conceptual site model that assesses the nature, extent, and mobility of the release been developed?	☑ Yes ☐ No

¹ Refer to the Low-Threat Underground Storage Tank Case Closure Policy for closure criteria for low-threat petroleum UST sites.

Has secondary source been removed to the extent practicable?	⊠ Yes □ No
Has soil or groundwater been tested for MTBE and results reported in accordance with Health and Safety Code, Section 25296.15?	⊠ Yes □ No
Does nuisance as defined by Water Code, section 13050 exist at the Site?	□ Yes ☒ No
Are there unique Site attributes or Site-specific conditions that demonstrably increase the risk associated with residual petroleum constituents?	□ Yes ⊠ No
Media-Specific Criteria Candidate sites must satisfy all three of these media-specific criteria:	
1. Groundwater: To satisfy the media-specific criteria for groundwater, the contaminant plume that exceeds water quality objectives must be stable or decreasing in areal extent, and meet all of the additional characteristics of one of the five classes of sites:	
Is the contaminant plume that exceeds water quality objectives stable or decreasing in areal extent?	⊠ Yes □ No □ NA
Does the contaminant plume that exceeds water quality objectives meet all of the additional characteristics of one of the five classes of sites? If YES, check applicable class: □ 1 ☑ 2 □ 3 □ 4 □ 5	⊠ Yes □ No □ NA
For sites with releases that have not affected groundwater, do mobile constituents (leachate, vapors, or light non-aqueous phase liquids) contain sufficient mobile constituents to cause groundwater to exceed the groundwater criteria?	□ Yes □ No ⊠ NA
2. Petroleum Vapor Intrusion to Indoor Alr: The Site is considered low-threat for vapor intrusion to indoor air if Site-specific conditions satisfy all of the characteristics of one of the three classes of sites (a through c) or if the exception for active commercial fueling facilities applies.	
Is the Site an active commercial petroleum fueling facility? Exception: Satisfaction of the media-specific criteria for petroleum vapor intrusion to indoor air is not required at active commercial petroleum fueling facilities, except in cases where release characteristics can be reasonably believed to pose an unacceptable health risk.	⊠ Yes □ No
a. Do Site-specific conditions at the release Site satisfy all of the applicable characteristics and criteria of scenarios 1 through 3 or all of the applicable characteristics and criteria of scenario 4?	□Yes □ No 図 NA
If YES, check applicable scenarios: □ 1 □ 2 □ 3 □ 4 b. Has a Site-specific risk assessment for the vapor intrusion pathway been conducted and demonstrates that human health is protected to the satisfaction of the regulatory agency?	□ Yes □ No ⊠ NA

	C.	As a result of controlling exposure through the use of mitigation measures or through the use of institutional or engineering controls, has the regulatory agency determined that petroleum vapors migrating from soil or groundwater will have no significant risk of adversely affecting human health?	□ Yes	□ No	⊠ NA
3,	The	rect Contact and Outdoor Air Exposure: e Site is considered low-threat for direct contact and outdoor air exposure Site-specific conditions satisfy one of the three classes of sites through c).			
	a.	Are maximum concentrations of petroleum constituents in soil less than or equal to those listed in Table 1 for the specified depth below ground surface (bgs)?	⊠ Yes	□ No	□NA
	b.	Are maximum concentrations of petroleum constituents in soil less than levels that a Site-specific risk assessment demonstrates will have no significant risk of adversely affecting human health?	☐ Yes	□ No	⊠ NA
	C.	As a result of controlling exposure through the use of mitigation measures or through the use of institutional or engineering controls, has the regulatory agency determined that the concentrations of petroleum constituents in soil will have no significant risk of adversely affecting human health?	□ Yes	□ No	⊠ NA

ATTACHMENT 2: SUMMARY OF BASIC INFORMATION (Conceptual Site Model)

Site Location/ History

- The Site is located at the intersection of Chapman Avenue and Esplanade Street in Orange, CA.
- The Site is an operating petroleum fueling facility.
- The Site is bounded by commercial and residential properties
- Nature of Contaminants of Concern: Petroleum hydrocarbons only.
- Primary Source of Release: UST system
- Discovery Date: July 1991
 Release Type: Petroleum²
 Free Product: None reported

Table A. USTs:

Tank No.	Size	Contents	Status	Date
1	10,000 gallon	Petroleum	Replaced	2003
2	10,000 gallon	Petroleum	Removed	2003
3	10,000 gallon	Petroleum	Removed	2003
4	10,000 gallon	Petroleum	Removed	2003

Receptors

- Groundwater Basin: Coastal Plain of Orange County (8-1)
- Groundwater Beneficial Uses: Groundwater recharge (GWR); Municipal and domestic supply (MUN); agricultural supply (AGR); industrial service supply (IND); and industrial process supply (PRO).
- Designated Land Use: Commercial and Residential
- Public Water System: City of Orange, Public Works Water Division
- Distance to Nearest Surface Waters: Approximately 2,200 feet (west).
- Distance to Nearest Supply Wells: El Modena Park has a pond which is located approximately 2,000 feet southeast. Santiago Creek is located approximately 2,500 feet northwest.

Geology/ Hydrogeology

- Average Groundwater Depth: Depth to water varies from 120 feet to over 140 feet below grade surface (bgs).
- Minimum Groundwater Depth: Approximately 132 feet bgs, (2011)
- Groundwater Flow Direction: Southwest
- Geology: Primarily sandy gravel and fine to course grained silty sand. Clay, and silty clay layers exists on-Site at distinct depth intervals.
- Hydrogeology: Groundwater is unconfined.

² "Petroleum" means crude oil, or any fraction thereof, which is liquid at standard conditions of temperature and pressure, which means at 60 degrees Fahrenheit and 14.7 pounds per square inch absolute. (Health & Saf. Code, § 25299.2.)

Shell Service Station 4035 Chapman Avenue, Orange

Corrective Actions

September 1995: SVE pilot test

April 2002: 2nd SVE pilot test

April 2003: USTs and Conveyance system replaced.

July 2005 through October 2005: SVE system was operated using vapor extraction wells VW-4S, VW-4M, VW-5S, VW-5M, and VW-5D for remediation. Approximately 1,648 pounds of total petroleum hydrocarbons were removed during the 58 day extraction event. The SVE system was shut down after low influent concentrations were detected.

Table B. Concentrations of Petroleum Constituents in Soil

Constituent	Maximum 0-5 feet bgs (mg/kg)	Maximum 5-10 feet bgs (mg/kg)		
Benzene	<1.0	3.8		
Ethylbenzene	<1.0	24.1		
Naphthalene	Not Analyzed	Not Analyzed		
PAHs*	Not Analyzed	Not Analyzed		

^{*}Poly-aromatic hydrocarbons as benzo(a)pyrene toxicity equivalent

Table C. Concentrations of Petroleum Constituents in Groundwater

Well ID	Sample Date	DTW	TPHg	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE
		(ft)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
· MW-1	10/3/11	131.55	<50	<0.5	<0.5	<0.5	<1.0	<1.0
MW-2	6/14/12	132.65	<50	<0.5	<0.5	<0.5	<1.0	<1.0
MW-4	6/14/12	131.85	<50	<0.5	<0.5	<0.5	<1.0	<1.0
VW-5D	6/30/11	119.25	3300	53	48	310	290	5
WQOs			50	1	42	3.2	17	5

*Analysis discontinued per Regional Water Board request bold indicates that sample result exceeds WQOs

DTW - depth to water

TPHg - Total petroleum hydrocarbons as gasoline

TPHd - Total petroleum hydrocarbons as diesel

MTBE- Methyl tert-butyl ether

μg/L – micrograms per liter
"<" – indicates result is below the laboratory reporting limit

Groundwater Concentrations

Petroleum constituents in groundwater near well VW-5D have shown stable concentrations. Data from adjacent well MW-2 support the conceptual model that groundwater impact is minimal in extent.

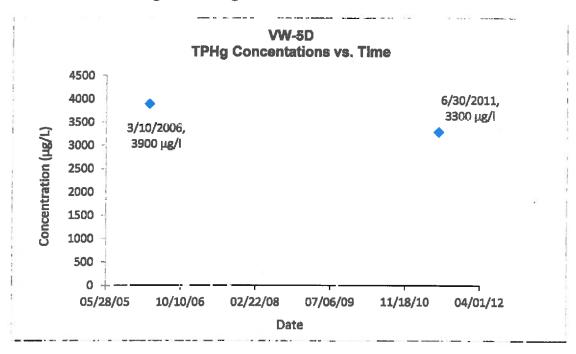


Figure 1. TPHg Concentrations in Well VW-5D

Evaluation of Risk Criteria

- Maximum Petroleum Constituent Plume Length above WQOs: Plume length is estimated to be
 less than 200 feet. Results from soil boring investigation and vapor extraction support the plume
 is limited in lateral extent.
- Petroleum Constituent Plume Determined Stable or Decreasing: Yes
- Soil/Groundwater Sampled for MTBE: Yes, see Table C above
- Residual Petroleum Constituents Pose Significant Risk to the Environment: No
- Residual Petroleum Constituents Pose Significant Vapor Intrusion Risk to Human Health: No –
 Petroleum constituents most likely to pose a threat for vapor intrusion were removed during soil
 excavation and over-excavation. Site conditions demonstrate that the residual petroleum
 constituents in soil and groundwater are protective of human health.
- Residual Petroleum Constituents Pose a Nuisance³ at the Site: No
- Residual Petroleum Constituents in Soil Pose Significant Risk of Adversely Affecting Human Health: No.
- Residual Petroleum Constituents Pose Significant Direct Contact and Outdoor Air Exposure to Human Health: No – There are no soil samples results in the case record for naphthalene. However, the relative concentration of naphthalene in soil can be conservatively estimated using the published relative concentrations of naphthalene and benzene in gasoline. Taken from Potter and Simmons (1998), gasoline mixtures contain approximately 2% benzene and

³ Nuisance as defined in California Water Code, section 13050, subdivision (m).

0.25% naphthalene. Therefore, benzene concentrations can be directly substituted for naphthalene concentrations with a safety factor of eight. Benzene concentrations from the Site are below the naphthalene thresholds in Table 1 of the Policy. Therefore, estimated naphthalene concentrations meet the thresholds in Table 1 and the Policy criteria for direct contact by a factor of eight. It is highly unlikely that naphthalene concentrations in the soil, if any, exceed the threshold.

CAR WASH STATION BUILDING Gording Road ESPLANADE USTs location TRASH ENCLOSURE MW-4 B~11 81回 PLANTER Scale 30ft All locations are approximate CHAPMAN AVE.

Figure 2. Site Map