



# California Regional Water Quality Control Board

## San Francisco Bay Region



**Winston H. Hickox**  
Secretary for  
Environmental  
Protection

Internet Address: <http://www.swrcb.ca.gov>  
1515 Clay Street, Suite 1400, Oakland, California 94612  
Phone (510) 622-2300 • FAX (510) 622-2460

**Gray Davis**  
Governor

Date: **JAN 14 2000**  
File No: 43-1573 (CTH)

Mr. Dave Camille  
Tosco Marketing Company  
2000 Crow Canyon Place, Suite 400  
San Ramon, CA 94583

**SUBJECT:** Transmittal of Cleanup and Abatement Order for the Property at 6211 Santa Teresa Boulevard, San Jose, Santa Clara County

Dear Mr. Camille:

Enclosed is a copy of Cleanup and Abatement Order No. 00-001 for the subject site, issued administratively by the Assistant Executive Officer under authority granted by the Board.

If you have any questions concerning this letter, please contact Chuck Headlee of my staff at (510) 622-2433, [cth@rb2.swrcb.ca.gov](mailto:cth@rb2.swrcb.ca.gov).

Sincerely,

Lawrence P. Kolb  
Assistant Executive Officer

Enclosure: Order No. 00-001  
cc w/ enc: Mailing List

Mr. Dave Camille  
Tosco Marketing Company  
2000 Crow Canyon Place, Suite 400  
San Ramon, CA 94583

Mr. Mark Lafferty  
Chevron USA Products Company  
P.O. Box 5004  
San Ramon, CA 94583-0804

Jim Crowley  
Santa Clara Valley Water District  
5750 Almaden Expressway  
San Jose, CA 95118

Dan L. Stockton  
Great Oaks Water Company  
P.O. Box 23490  
San Jose, CA 95153

Mr. Robert Boust  
UNOCAL  
P.O. Box 5155  
San Ramon, CA 94583



CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

CLEANUP AND ABATEMENT ORDER NO. 00-001

TOSCO CORPORATION AND  
UNION OIL COMPANY OF CALIFORNIA

for the property located at

6211 SANTA TERESA BOULEVARD  
SAN JOSE, SANTA CLARA COUNTY

The California Regional Water Quality Control Board, San Francisco Bay Region (hereinafter Board), finds that:

1. **Site Location:** The Site is located at 6211 Santa Teresa Boulevard, San Jose, Santa Clara County. The site comprises approximately 0.47 acres in a commercial-retail development constructed in the late 1960s. Site facilities consist of a 2,200 square foot gasoline service station building, and fueling canopy. The Site is bounded on the north by Santa Teresa Boulevard, on the west by Cottle Road, and on the south and east by retail development. Canoas Creek drainage "daylights" approximately 500 feet to the southwest of the Site.
2. **Site History:** The Site was developed as a gasoline service station in 1968 by Union Oil Company of California (UNOCAL). Prior to site development, the area was an orchard. An unauthorized release was reported from the waste oil tank portion of the site in June 1990; the fuel leak case was closed in 1991 as a "soils only case" by the Santa Clara Valley Water District's (District ) Local Oversight Program. On April 1, 1997, Tosco Corporation (TOSCO) acquired the facility from UNOCAL, and has continued to operate it as a gasoline service station.

In November 1997, 1.5 parts per billion (ppb) Methyl tert-Butyl Ether (MTBE) was detected in water collected from supply well Great Oaks No.3 (GR3) located 750 feet downgradient of the site. GR3 was resampled in December 1997; 1.6 ppb MTBE was detected and the well was shut off and continues to be shutdown. GR3 supplied water for approximately 20,000 connections. The water resource in this area, which supplies a great number of people as well as a nearby hospital, is threatened by the discharge of MTBE from the TOSCO site. In January 1998 TOSCO was named as a responsible party for the release at this site by the District, who then requested that TOSCO perform an initial remedial investigation. The basis for determining that the release from the site resulted in the MTBE detection in GR3 is discussed in Findings 5, 6 and 7.

3. **Named Dischargers:** UNOCAL is named as a discharger because it owned the property during the time of the activity that resulted in the discharge. TOSCO is named

as a discharger because it currently owns the property, and also owned it during the time of the activity that resulted in the discharge. TOSCO also has knowledge of the discharge or the activities that caused the discharge, and has the legal ability to prevent the discharge.

If additional information is submitted indicating that other parties caused or permitted any waste to be discharged on the Site where it entered or could have entered waters of the State, the Board will consider adding those parties to this Order.

4. **Regulatory Status:** This site is currently not subject to Board order. This site is currently under regulatory lead oversight of the Santa Clara Valley Water District's Local Oversight Program.
5. **Site Hydrogeology:** The Site is located within the recharge zone of the Santa Clara Valley Groundwater Basin, about twenty miles southeast of the southern terminus of San Francisco Bay at an approximate elevation of 185 feet above mean sea level. Groundwater in the first water bearing zone ("A-Zone") is encountered at approximately 20 feet below ground surface (bgs). This zone is generally unconfined and may be comprised of up to three interconnected zones ("A1/A2" and lower "A3"). The A/B aquitard is encountered from 35 to 45 feet bgs. The second water bearing zone ("B-Zone") is encountered at approximately 45 feet bgs, this zone is confined; this zone may be comprised of two interconnected zones ("upper" and "lower" B). The B/C aquitard is expected to occur from 125 to 150 bgs. The third water bearing zone ("C-Zone") is confined and is expected to be encountered at approximately 150 feet bgs.

A-Zone groundwater has been documented to flow to the south-southwest. B-Zone groundwater under natural conditions flows to the northwest, however, significant influence occurs when nearby Great Oaks supply wells are pumping. Regional C-Zone groundwater is expected to flow to the northwest. The B and C-Zones are highly transmissive sand and gravel aquifers. Great Oaks supply wells are screened in the B and C-Zones. Data collected from GR3, prior to its modification in August 1998, showed groundwater flowing down the 12-inch well from the B-Zone to the C-Zone at a rate of approximately 100 gallons per minute (gpm) and up to 120 gpm when nearby well Santa Teresa No. 12 was pumping.

6. **Remedial Investigation:** Remedial investigation at this site commenced in January 1998 after detection of MTBE in GR3 No. 3, and its subsequent shutdown, in December 1997. Initially, three borings were advanced at the site with a maximum 410 ppb MTBE detected in a groundwater grab sample collected closest to the tank pit; no soil analysis was performed, however, product odor was noted in that boring. Further investigation has found a maximum 100 ppm MTBE in soil and 140,000 ppb MTBE in groundwater. There are 27 monitoring wells at the site; 16 monitoring the A-Zone

and 11 monitoring the B-Zone. Currently (October 1999) 1,900 ppb is the maximum concentration of MTBE detected in the A-Zone (lower A-3) and 3,800 ppb MTBE detected in the B-Zone. MTBE continues to be detected, intermittently, in the B-Zone in monitoring wells over 300 feet downgradient from the site. Based on draft analytical data, 2 ppb MTBE was detected in GR3 No.3 in the C-Zone in October 1999.

The Board issued a letter of violation on December 24, 1999, for failure to submit a technical report on the installation of a B-Zone monitoring well.

Three abandoned agricultural wells have been identified in the site vicinity; the closest well is approximately 190 feet from the source area. It is possible that one or more of these wells are acting as vertical conduits for the migration of MTBE to the deeper water bearing zones. Additional investigation needs to be performed to assess the impact of these vertical conduits on the spread of contamination.

Additional information that is required is an understanding of the threat to nearby supply wells posed by the MTBE release at the site. This will entail an analysis of the capture zones of these wells (GR3, Santa Teresa 12, and newly-installed Great Oaks 20) and an understanding of the hydrogeology and transport mechanisms to these wells. The draft October 25, 1999, monitoring data from GR3 (2.0 ppb MTBE in the C-zone) indicates that this well continues to be impacted by MTBE from the TOSCO site.

7. **Interim Remedial Measures:** Soil vapor extraction (SVE) as an interim remedial action commenced in June 1998 followed by the start of groundwater extraction and treatment (GWET) in August 1998. Currently, 4 wells are extracting groundwater and/or soil vapor. As of October 1999, 1,530 pounds (245 gallons) MTBE has been removed via SVE, 78 pounds (12.58 gallons) MTBE has been removed via GWET from groundwater in the A-Zone and 2 pounds (0.32 gallons) MTBE has been removed via GWET from groundwater in the B-Zone. MTBE concentrations in soil and groundwater have decreased during the period of application of interim remedial actions.

TOSCO believes that the possible mechanisms for the release of the MTBE are associated with the vapor recovery system of the USTs. During a 1998 site inspection TOSCO discovered that several potential breaches in the integrity of the UST system. These include: abandoned 5-gallon overfill assemblies, deteriorated or loosened fill caps and tube gaskets, vapor recovery adaptors, deteriorated seals around the fill and turbine sumps, and electrical fitting penetrations in fill and turbine sumps.

TOSCO has undertaken corrective measures to mitigate these problems and to prevent future releases of this type from occurring.

Further interim remedial measures need to be implemented at this site to reduce the threat to water quality, public health, and the environment posed by the discharge of waste and to provide a technical basis for selecting and designing final remedial measures. Specifically, additional measures need to be taken to halt the plume migration and to gain hydraulic control of the plume.

8. **Adjacent Sites:** Chevron #9-0038 at 6096 Cottle Road is located across the street to the north of the UNOCAL site; the site has completed the remedial investigation and has an approved Corrective Action Plan in place. The current (October 1999) concentrations of MTBE in the A and B-zones at the Chevron site are 453 ppb and 2.01 ppb, respectively. Remedial actions at this site have reduced MTBE concentrations and the GWET appears to have established hydraulic control of the plume.
9. **Basin Plan:** The Board adopted a revised Water Quality Control Plan for the San Francisco Bay Basin (Basin Plan) on June 21, 1995. This updated and consolidated plan represents the Board's master water quality control planning document. The revised Basin Plan was approved by the State Water Resources Control Board and the Office of Administrative Law on July 20, 1995, and November 13, 1995, respectively. A summary of regulatory provisions is contained in 23 CCR 3912. The Basin Plan defines beneficial uses and water quality objectives for waters of the State, including surface waters and groundwater.

The potential beneficial uses of groundwater underlying and adjacent to the site include:

- a. Municipal and domestic water supply
- b. Industrial process water supply
- c. Industrial service water supply
- d. Agricultural water supply

Groundwater underlying the site is used for the above purposes. GR3 is located 750 downgradient of the site, Santa Teresa No. 12 is located 770 feet to the northeast of the site, and Great Oaks Water Company's recently installed well Santa Teresa No. 20 is located 3500 feet northwest (downgradient) of the site.

The existing and potential beneficial uses of Canoas Creek include:

- a. Groundwater recharge
- b. Wildlife habitat
- c. Cold freshwater and warm freshwater habitat
- d. Fish migration and spawning
- e. Preservation of rare and endangered species

10. **State Water Board Policies:** State Water Board Resolution No. 68-16, "Statement of Policy with Respect to Maintaining High Quality of Waters in California," applies to this discharge and requires attainment of background levels of water quality, or the highest level of water quality which is reasonable if background levels of water quality cannot be restored. Cleanup levels other than background must be consistent with the maximum benefit to the people of the State, not unreasonably affect present and anticipated beneficial uses of such water, and not result in exceedance of applicable water quality objectives. This order and its requirements are consistent with Resolution No. 68-16. State Water Board Resolution No. 92-49, "Policies and Procedures for Investigation and Cleanup and Abatement of Discharges Under Water Code Section 13304," applies to this discharge. This order and its requirements are consistent with the provisions of Resolution No. 92-49, as amended.
  
11. **Preliminary Cleanup Goals:** The dischargers will need to make assumptions about future cleanup standards for soil and groundwater, in order to determine the necessary extent of remedial investigation, interim remedial actions, and the draft cleanup plan. Pending the establishment of site-specific cleanup standards, the following preliminary cleanup goals should be used for these purposes:
  - a. Groundwater: The secondary maximum contaminant level of 5 ug/l for MTBE is the cleanup goal.
  
  - b. Soil: Soil concentrations of MTBE shall be reduced to a level that will not cause leaching of MTBE to groundwater above a concentration of 5 ug/l.
  
12. **Basis for 13304 Order:** The dischargers have caused or permitted waste to be discharged or deposited where it is or probably will be discharged into waters of the State and creates or threatens to create a condition of pollution or nuisance.
  
13. **CEQA:** This action is an order to enforce the laws and regulations administered by the Board. As such, this action is categorically exempt from the provisions of the California Environmental Quality Act (CEQA) pursuant to Section 15321 of the Resources Agency Guidelines.

**IT IS HEREBY ORDERED**, pursuant to Section 13304 of the California Water Code, that the dischargers (or its agents, successors, or assigns) shall cleanup and abate the effects described in the above findings as follows:

## A. PROHIBITIONS

1. The discharge of wastes or hazardous substances in a manner which will degrade water quality or adversely affect beneficial uses of waters of the State is prohibited.
2. Further significant migration of wastes or hazardous substances through subsurface transport to waters of the State is prohibited.
3. Activities associated with the subsurface investigation and cleanup which will cause significant adverse migration of wastes or hazardous substances are prohibited.

## B. TASKS

### 1. **INSTALLATION OF A B-ZONE MONITORING WELL**

COMPLIANCE DATE: February 15, 2000

Submit a technical report acceptable to the Executive Officer documenting installation of a B-zone monitoring well north-northwest of well J001 (J-1) that will provide documentation of hydraulic control of the dissolved plume, and determine if well J-1 is acting as a vertical conduit for MTBE migration to the deeper aquifer. This task was initially assigned to TOSCO in a Section 13267 letter dated July 16, 1999.

### 2. **INTERIM REMEDIATION**

COMPLIANCE DATE: February 15, 2000

Submit a workplan acceptable to the Executive Officer to expand the groundwater extraction and treatment system to include off-site wells MW-15 and MW-16, or equivalent. The workplan should include plans to enlarge the groundwater treatment system to provide hydraulic control of the dissolved MTBE. The workplan should include plans for continued operation and enhancement, if necessary, of the soil vapor extraction system.

3. **REMEDIAL INVESTIGATION WORKPLAN**

COMPLIANCE DATE: March 1, 2000

Submit a workplan acceptable to the Executive Officer to further define the vertical and lateral extent of soil and groundwater pollution. The workplan should include an investigation of the impact of the vertical conduits on the spread of contaminants. It should also include an analysis of the capture zones of the supply wells and a study of the hydrogeology and transport mechanisms to these wells; including input/output files for the modelling. The workplan should specify investigation methods and a proposed time schedule. Work may be phased to allow the investigation to proceed efficiently.

4. **COMPLETION OF INTERIM REMEDIAL ACTIONS**

COMPLIANCE DATE: May 15, 2000

Submit a technical report acceptable to the Executive Officer documenting completion of necessary tasks identified in the Task 2 workplan. For ongoing actions, such as soil vapor extraction or groundwater extraction, the report should document start-up as opposed to completion.

5. **COMPLETION OF REMEDIAL INVESTIGATION**

COMPLIANCE DATE: June 15, 2000

Submit a technical report acceptable to the Executive Officer documenting completion of the tasks identified in the Task 3 workplan. The technical report should 1) define the vertical and lateral extent of pollution down to concentrations at or below typical cleanup standards for soil and groundwater and 2) an analysis of the capture zone for GR3 3 as well as the other nearby water supply wells.

6. **CORRECTIVE ACTION PLAN**

COMPLIANCE DATE: August 31, 2000

Submit a technical report acceptable to the Executive Officer containing:

- a. Results of the remedial investigation
- b. Evaluation of the ongoing interim remedial actions
- c. Feasibility study evaluating alternative final remedial actions

- d. Risk assessment for current and post-cleanup exposures
- e. Recommended final remedial actions and cleanup standards
- f. Implementation tasks and time schedule

Item c should include projections of cost, effectiveness, benefits, and impact on public health, welfare, and the environment of each alternative action.

Items a through c should be consistent with the guidance provided by Subpart F of the National Oil and Hazardous Substances Pollution Contingency Plan (40 CFR Part 300), CERCLA guidance documents with respect to remedial investigations and feasibility studies, Health and Safety Code Section 25356.1(c), and State Board Resolution No. 92-49 as amended ("Policies and Procedures for Investigation and Cleanup and Abatement of Discharges Under Water Code Section 13304").

Item e should consider the preliminary cleanup goals for soil and groundwater identified in finding 12 and should address the attainability of background levels of water quality (see finding 11).

- 7. **Delayed Compliance:** If the dischargers are delayed, interrupted, or prevented from meeting one or more of the completion dates specified for the above tasks, the dischargers shall promptly notify the Executive Officer and the Board may consider revision to this Order.

### C. PROVISIONS

- 1. **No Nuisance:** The storage, handling, treatment, or disposal of polluted soil or groundwater shall not create a nuisance as defined in California Water Code Section 13050(m).
- 2. **Good Operation and Maintenance (O&M):** The dischargers shall maintain in good working order and operate as efficiently as possible any facility or control system installed to achieve compliance with the requirements of this Order.
- 3. **Access to Site and Records:** In accordance with California Water Code Section 13267(c), the dischargers shall permit the Board or its authorized representative:
  - a. Entry upon premises in which any pollution source exists, or may potentially exist, or in which any required records are kept, which are relevant to this Order.

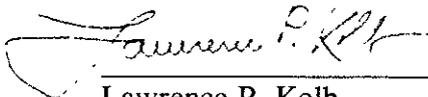
- b. Access to copy any records required to be kept under the requirements of this Order.
  - c. Inspection of any monitoring or remediation facilities installed in response to this Order.
  - d. Sampling of any groundwater or soil which is accessible, or may become accessible, as part of any investigation or remedial action program undertaken by the dischargers.
4. **Self-Monitoring Program:** The dischargers shall comply with the Self-Monitoring Program as attached to this Order and as may be amended by the Executive Officer.
5. **Contractor / Consultant Qualifications:** All technical documents shall be signed by and stamped with the seal of a California registered geologist, a California certified engineering geologist, or a California registered civil engineer.
6. **Lab Qualifications:** All samples shall be analyzed by State-certified laboratories or laboratories accepted by the Board using approved EPA methods for the type of analysis to be performed. All laboratories shall maintain quality assurance/quality control (QA/QC) records for Board review. This provision does not apply to analyses that can only reasonably be performed on-site (e.g. temperature).
7. **Document Distribution:** Copies of all correspondence, technical reports, and other documents pertaining to compliance with this Order shall be provided to the following agencies:
- a. Santa Clara Valley Water District
- The Executive Officer may modify this distribution list as needed.
8. **Reporting of Changed Owner or Operator:** The dischargers shall file a technical report on any changes in site occupancy or ownership associated with the property described in this Order.
9. **Reporting of Hazardous Substance Release:** If any hazardous substance is discharged in or on any waters of the State, or discharged or deposited where it is, or probably will be, discharged in or on any waters of the State, the

dischargers shall report such discharge to the Regional Board by calling (510) 622-2300 during regular office hours (Monday through Friday, 8:00 to 5:00).

A written report shall be filed with the Board within five working days. The report shall describe: the nature of the hazardous substance, estimated quantity involved, duration of incident, cause of release, estimated size of affected area, nature of effect, corrective actions taken or planned, schedule of corrective actions planned, and persons/agencies notified.

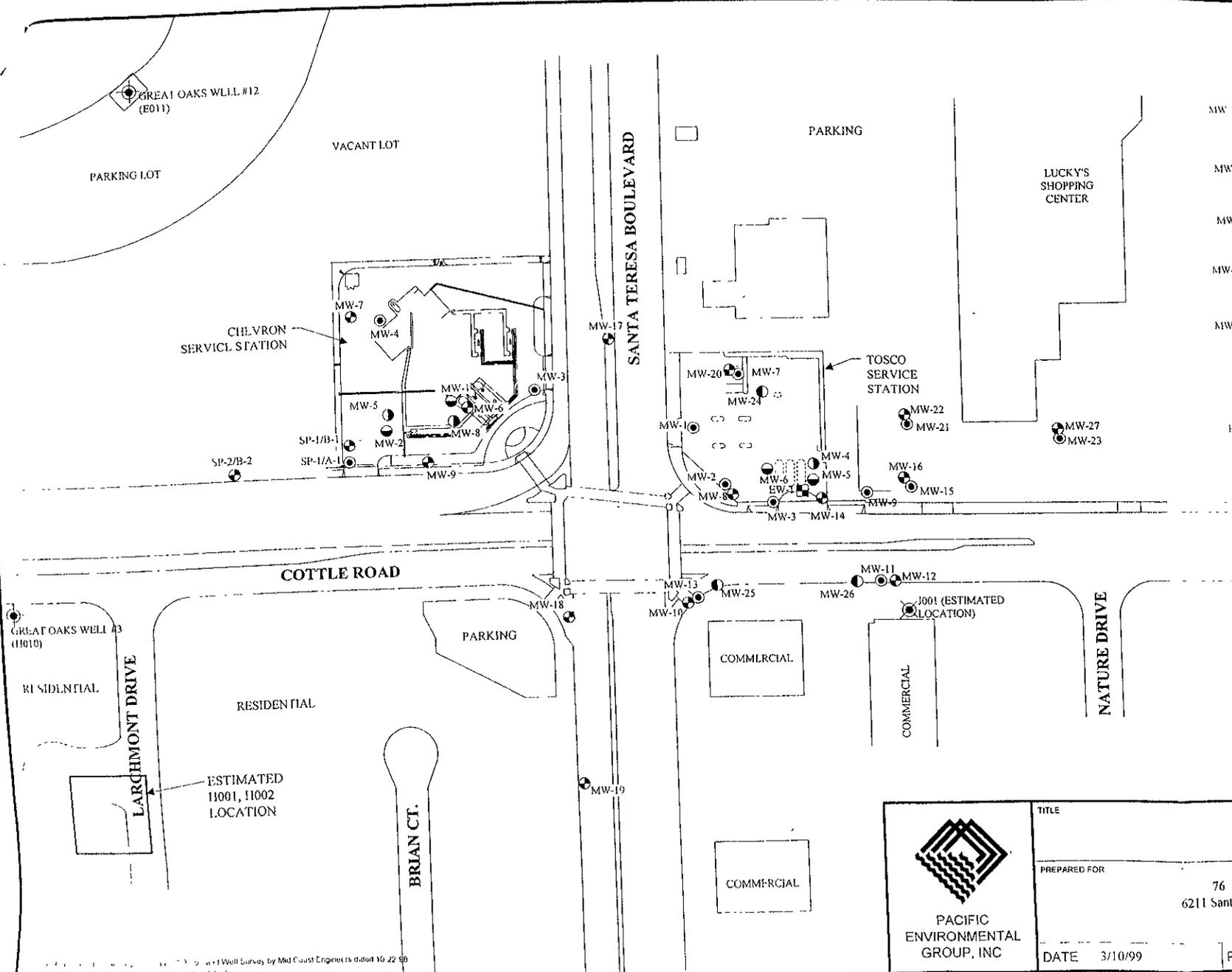
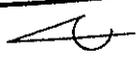
This reporting is in addition to reporting to the Office of Emergency Services required pursuant to the Health and Safety Code.

1/13, 2000  
Date

  
\_\_\_\_\_  
Lawrence P. Kolb  
Assistant Executive Officer

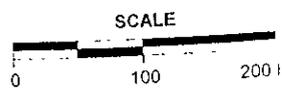
=====  
FAILURE TO COMPLY WITH THE REQUIREMENTS OF THIS ORDER MAY SUBJECT  
YOU TO ENFORCEMENT ACTION, INCLUDING BUT NOT LIMITED TO:  
IMPOSITION OF ADMINISTRATIVE CIVIL LIABILITY UNDER WATER CODE  
SECTIONS 13268 OR 13350, OR REFERRAL TO THE ATTORNEY GENERAL FOR  
INJUNCTIVE RELIEF OR CIVIL OR CRIMINAL LIABILITY  
=====

Attachments: Site Map  
Self-Monitoring Program



**LEGEND**

- MW-15 A1/A2 WATER BEARING ZONE GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- MW-6 A1/A2 WATER BEARING ZONE GROUNDWATER EXTRACTION WELL LOCATION AND DESIGNATION
- MW-4 A3 WATER BEARING ZONE GROUNDWATER EXTRACTION WELL LOCATION AND DESIGNATION
- MW-24 A3 WATER BEARING ZONE GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- MW-8 B WATER BEARING ZONE GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
- WATER SUPPLY WELL
- ABANDONED WATER SUPPLY WELL
- EW-1 B LEVEL GROUNDWATER EXTRACTION WELL



PACIFIC ENVIRONMENTAL GROUP, INC

TITLE		<b>SITE MAP</b>	
PREPARED FOR		76 SERVICE STATION 5995 6211 Santa Teresa Boulevard at Cottle Road San Jose, California	
DATE	3/10/99	PROJECT	311-176 '90
		FIG	1

Well Survey by Mid Coast Engineers dated 10-22-89

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD  
SAN FRANCISCO BAY REGION

SELF-MONITORING PROGRAM FOR:

TOSCO CORPORATION AND  
UNION OIL COMPANY OF CALIFORNIA, INC.

for the property located at

6211 SANTA TERESA BOULEVARD  
SAN JOSE, SANTA CLARA COUNTY

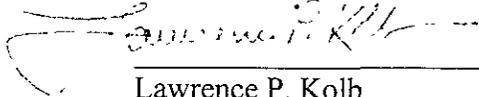
1. **Authority and Purpose:** The Board requests the technical reports required in this Self-Monitoring Program pursuant to Water Code Sections 13267 and 13304. This Self-Monitoring Program is intended to document compliance with Cleanup and Abatement Order No. 00-001.
2. **Monitoring:** The dischargers shall measure groundwater elevations quarterly in all monitoring wells, monthly in Great Oaks #3 (GR3), and shall collect and analyze representative samples of groundwater according to the schedule in Appendix I. The dischargers shall sample any new monitoring or extraction wells quarterly and analyze groundwater samples for the same constituents as shown in the attached table. The dischargers may propose changes in the attached table; any proposed changes are subject to Executive Officer approval.
3. **Quarterly Monitoring Reports:** The dischargers shall submit quarterly monitoring reports to the Board no later than 30 days following the end of the quarter (e.g. report for first quarter of the year due April 30). The first quarterly monitoring report shall be due on April 30, 2000. In the case of GR3, which is monitored monthly, the dischargers shall submit a copy of those analytical results no later than 15 days following the end of the month. These data shall also be included in the quarterly monitoring reports.
  - a. **Transmittal Letter:** The transmittal letter shall discuss any violations during the reporting period and actions taken or planned to correct the problem. The letter shall be signed by the dischargers' principal executive officer or his/her duly authorized representative, and shall include a statement by the official, under penalty of perjury, that the report is true and correct to the best of the official's knowledge.
  - b. **Groundwater Elevations:** Groundwater elevation data shall be presented in tabular form, and a groundwater elevation map should be prepared for each monitored water-

bearing zone. Historical groundwater elevations shall be included in the fourth quarterly report each year.

- c. **Groundwater Analyses:** Groundwater sampling data shall be presented in tabular form, and an isoconcentration map should be prepared for one or more key contaminants for each monitored water-bearing zone, as appropriate. The report shall indicate the analytical method used, detection limits obtained for each reported constituent, and a summary of QA/QC data. Historical groundwater sampling results shall be included in the fourth quarterly report each year. The report shall describe any significant increases in contaminant concentrations since the last report, and any measures proposed to address the increases. Supporting data, such as lab data sheets, need not be included (however, see record keeping - below).
  - d. **Groundwater Extraction:** If applicable, the report shall include groundwater extraction results in tabular form, for each extraction well and for the site as a whole, expressed in gallons per minute and total groundwater volume for the quarter. The report shall also include contaminant removal results, from groundwater extraction wells and from other remediation systems (e.g. soil vapor extraction), expressed in units of chemical mass per day and mass for the quarter. Historical mass removal results shall be included in the fourth quarterly report each year.
  - e. **Status Report:** The quarterly report shall describe relevant work completed during the reporting period (e.g. site investigation, interim remedial measures) and work planned for the following quarter.
4. **Violation Reports:** If the dischargers violate requirements in the Cleanup and Abatement Order, then the dischargers shall notify the Board office by telephone as soon as practicable once the dischargers have knowledge of the violation. Board staff may, depending on violation severity, require the dischargers to submit a separate technical report on the violation within five working days of telephone notification.
  5. **Other Reports:** The dischargers shall notify the Board in writing prior to any site activities, such as construction or underground tank removal, which have the potential to cause further migration of contaminants or which would provide new opportunities for site investigation. Additionally, the dischargers shall notify the Board within 5 days of receiving monitoring well data showing MTBE at more than twice the previous sampling result for that well.
  6. **Record Keeping:** The dischargers or their agents shall retain data generated for the above reports, including lab results and QA/QC data, for a minimum of six years after origination and shall make them available to the Board upon request.

7. **SMP Revisions:** Revisions to the Self-Monitoring Program may be ordered by the Executive Officer, either on their own initiative or at the request of the dischargers. Prior to making SMP revisions, the Executive Officer will consider the burden, including costs, of associated self-monitoring reports relative to the benefits to be obtained from these reports.

1, 12, 00  
Date

  
\_\_\_\_\_  
Lawrence P. Kolb  
Assistant Executive Officer

Attachment: Appendix I

## APPENDIX I

Self-Monitoring Schedule for the Site at 6211 Santa Teresa Boulevard, San Jose

Well #	Sampling Frequency	Analyses <sup>1,2</sup>	Well #	Sampling Frequency	Analyses <sup>1,2</sup>
MW-1	Q	8015/8020	MW-15	Q	8015/8020
MW-2	Q	8015/8020	MW-16	Q	8015/8020
MW-3	Q	8015/8020	MW-17	Q	8015/8020
MW-4	Q	8015/8020	MW-18	Q	8015/8020
MW-5	Q	8015/8020	MW-19	Q	8015/8020
MW-6	Q	8015/8020	MW-20	Q	8015/8020
MW-7	Q	8015/8020	MW-21	Q	8015/8020
MW-8	Q	8015/8020	MW-22	Q	8015/8020
MW-9	Q	8015/8020	MW-23	Q	8015/8020
MW-10	Q	8015/8020	MW-24	Q	8015/8020
MW-11	Q	8015/8020	MW-25	Q	8015/8020
MW-12	Q	8015/8020	MW-26	Q	8015/8020
MW-13	Q	8015/8020	MW-27	Q	8015/8020
MW-14		8015/8020	EW-1	Q	8015/8020
			GR3 <sup>3</sup>	M	8260

Key: Q = Quarterly

8015 = EPA Method 8015 or equivalent

8020 = EPA Method 8020 or equivalent

8260 = EPA Method 8260 or equivalent; must have detection limit of 0.5 ug/l for MTBE

<sup>1</sup> EPA Method 8260 in lieu of 8020 for first quarter and any time an anomalous result is obtained using 8015/8020

<sup>2</sup> EPA Method 8020 must have a detection limit of 2.0 ug/l for MTBE or analyze sample using 8260

<sup>3</sup> Three sample depths: 1) GR3-U at 45 feet bgs, 2) GR3-155 at 155 feet bgs, and 3) GR3-LT at 33 feet bgs. Analyze using EPA Method 8260 or 524.2 to obtain detection limit of 0.5 ug/l.