PACIFIC
ENVIRONMENTAL
GROUP, INC.

June 1, 1995
Project 330-110.5A

Mr. Darrell Fah
Thrifty Oil Company
10000 Lakewood Boulevard
Downey, California 90240

Re: ARCO Service Station 5387
20200 Hesperian Boulevard at West Sunset Drive
Hayward, California

Dear Mr. Fah:

This letter, prepared by Pacific Environmental Group, Inc. (PACIFIC) on behalf of ARCO Products Company (ARCO), presents site data regarding the site referenced above (Figure 1). Thrifty Oil Company (Thrifty) agreed to assume responsibility for all assessment, monitoring, and remediation of the soil and groundwater at the site effective the first quarter 1995. The purpose of this letter is to provide Thrifty with an overview of site assessment and remedial system status. Provided below is information which will enable Thrifty to become familiar with the site in a timely manner.

GENERAL SITE DESCRIPTION

The site is located at 20200 Hesperian Boulevard at West Sunset Drive in Hayward, California. The surrounding area consists of primarily residential and commercial buildings. The site has four gasoline underground storage tanks, four gasoline product islands with dispensers, station building, and a treatment system enclosure. Four soil borings (SB-1 through SB-4), ten groundwater monitoring wells (A-1 through A-10), two groundwater extraction wells (AR-1 and AR-2), four soil vapor extraction (SVE) wells (AV-1 through AV-4), nine air sparging wells (AS-1 through AS-9) have been drilled and installed at the site. All soil boring and well locations are shown on Figure 2. Remedial system compound and conveyance piping locations are shown on Figure 3.

SITE REPORTING

Since August 1986, soil and groundwater investigations, groundwater monitoring and sampling, and remedial system operation and maintenance activities have been performed at the site. This data has been documented in Work Plans, Site Assessments Reports, Monthly Site Status Updates, Quarterly Monitoring Reports, and Quarterly Monitoring/Remedial System Status Reports. Provided in Table 1 is a summary of all available reports.

REGULATORY AGENCY CONTACTS

The Regional Water Quality Control Board, San Francisco Bay Region provides state oversight, and the Alameda County Health Care Services and City of Hayward Fire Department provide local oversight for the site. Additionally, the Bay Area Air Quality Management District (BAAQMD) provides oversight for issues regarding the operation of air abatement units in the area. A list of regulatory agency contacts is presented as Attachment A.

SOIL AND GROUNDWATER REMEDIATION SYSTEM

The previous soil and groundwater remediation system was designed and installed by GeoStrategies, Inc. (GSI) and consisted of SVE in conjunction with air sparging. SVE was initiated on February 15, 1994, and air sparging was initiated on March 15, 1994. The previous SVE system was comprised of eight SVE wells (MW-1, MW-3, AV-1, AV-3, AV-4, AS-1, AR-1, and AR-2), and a VR-3 Internal Combustion Engine (ICE). An ICE was used for the abatement of soil vapors as required by BAAQMD. This was due to the close proximity of a 2-story apartment complex which is immediately adjacent to and east of the site, and prevailing westerly winds. The ICE was used in lieu of a catalytic/thermal oxidizer, which would have had an air emission stack emitting abated vapors into the apartment complex. As a result, BAAQMD approved the use of the ICE. Air sparging was comprised of nine air sparge wells (AS-1 through AS-9) and an oiless pressure blower. The remedial system only operated during business hours due to noise problems. The SVE remedial system was shut down during the third quarter 1994 due to low vapor concentrations by GSI. Three 2,000-pound granular activated carbon (GAC) vessels and a 5-horsepower vapor blower were transferred from another ARCO remediation project to this site and connected during the fourth quarter 1994.

The current soil and groundwater remediation system consists of SVE in conjunction with air sparging. The current SVE system is comprised of eight SVE wells (MW-1, MW-3, AV-1, AV-3, AV-4, AS-1, AR-1, and AR-2), a vapor extraction blower, liquid knockout drum, and three 2,000-pound GAC vessels connected in series. The current SVE system is permitted by BAAQMD (Permit to Operate 11813), which is effective

through April 1, 1996. A copy of the BAAQMD Permit to Operate is presented as Attachment B. A list of the SVE and air sparging remedial system data and equipment that will remain at the Site is provided below:

- **Air Sparge Blower**: Conde Pumps; Rotary Vane Blower; Model #6, 3-horsepower; 25 cfm; 10 psi
- **Control Panel**: Fabricated by Gettler-Ryan, Inc.
- **Autodialer**: Silent Knite Model 1410
- **Remedial System Compound**: All compound fencing
- **Electrical Power**: Single phase

The following remedial system equipment was initially purchased for use at another ARCO remediation project and will be removed from the Site:

- **SVE Blower and Skid**: Tuthill; Model MD-3206; 5-horsepower; positive displacement Blower
- **GAC Vessels**: Three 2,000-pound GAC Vessels

UTILITY ACCOUNTS AND PERMITS

For the purpose of remedial system operation, accounts were opened and permits were obtained from the appropriate utility companies and agencies. These accounts and permits will be closed within the next 30 days. Provided below are the utility companies and agencies with accounts and permits associated with the site remedial system:

Pacific Bell
Account 510-732-7686 559 N 4159
1-800-974-9977

Pacific Gas and Electric
Electrical Account RJK 84 20101-9
1-800-743-5000

BAAQMD
Permit to Operate 11813
(Plant Number 9092)
415-771-6000 Scott A. Owen

COORDINATED GROUNDWATER MONITORING AND SAMPLING PROGRAM

Groundwater monitoring of all site wells has been performed on a quarterly basis in conjunction with a coordinated groundwater monitoring and sampling program. This coordinated groundwater monitoring and sampling program was requested by the City of Hayward Fire Department. Groundwater monitoring and sampling is coordinated between Alliance, Shell Oil Company, Texaco, and Unocal. Provided in Attachment A is a list of the responsible parties and their consultants for the sites involved in the coordinated sampling program.

SITE MEETING

ARCO will contact Thrifty within 30 days to establish a mutually agreed upon date and time for an on-site meeting. The purpose of this meeting will be to discuss site remedial system equipment and operations, quarterly groundwater monitoring and sampling, and general site logistics. A copy of the remedial system as-built drawings will be provided to Thrifty during the on-site meeting.

If you should have any questions regarding the contents of this letter or the site, please do not hesitate to call me at (408) 441-7500.

Sincerely,

Pacific Environmental Group, Inc.

Kelly C. Brown
Project Manager

Attachments: Table 1 - Summary of Reports in File
Figure 1 - Site Location Map
Figure 2 - Well Location Map
Figure 3 - Remedial System and Conveyance Piping Location Map
Attachment A - List of Contacts
Attachment B - BAAQMD Permit

cc: Mr. Michael Whelan, ARCO Products Company
Mr. Chris Winsor, ARCO Products Company
Mr. Hugh Murphy, City of Hayward Fire Department
Mr. Richard Hiett, Regional Water Quality Control Board, S.F. Bay Region
Ms. Amy Leech, Alameda County Health Care Services

Table 1
Summary of Reports in File

ARCO Service Station 5387
20200 Hesperian Boulevard at West Sunset Drive
Hayward, California

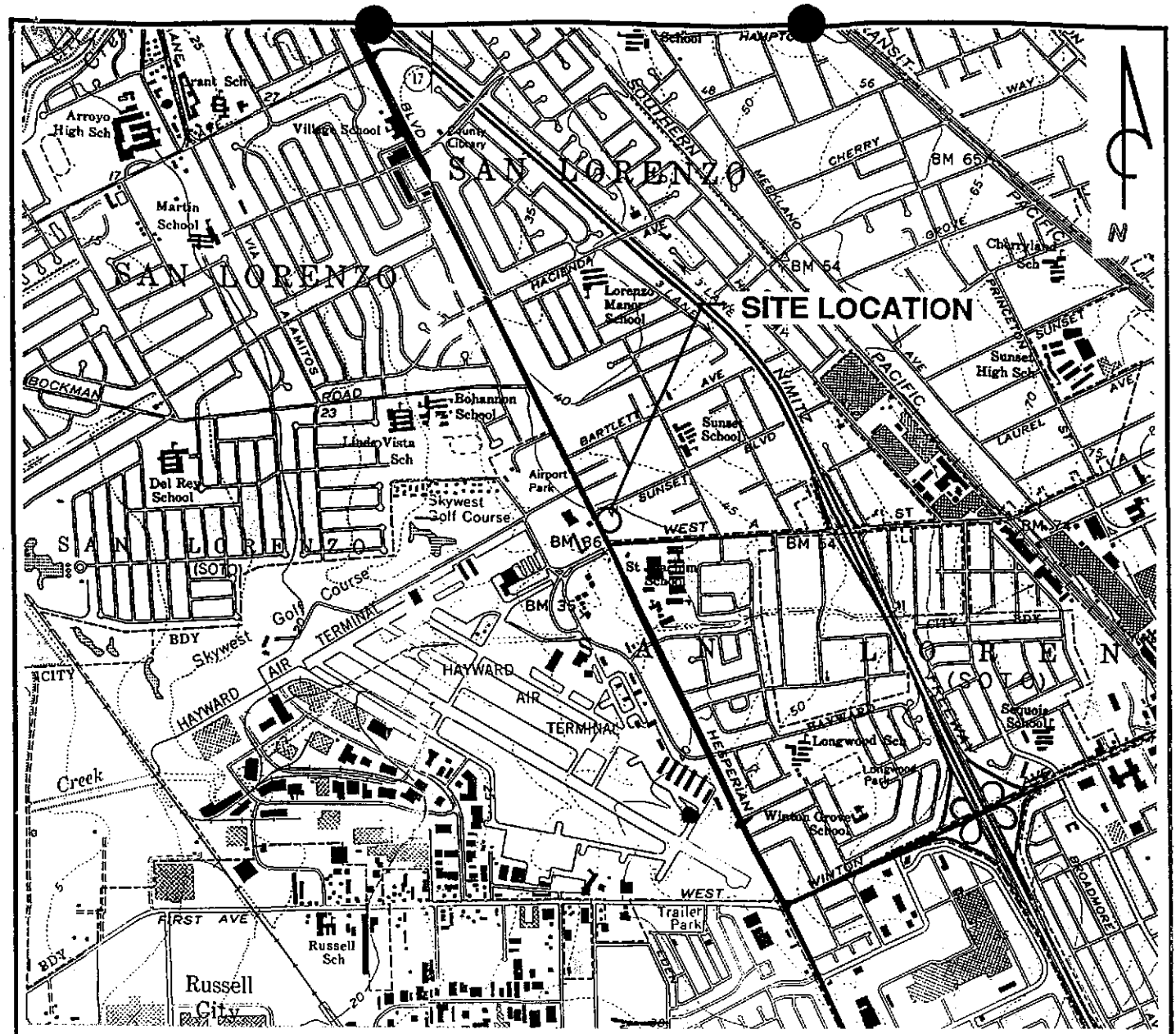
Consultant or Issuing Party	Date Issued	Report Name
GTI	08/21/86	Site Assessment and Investigation Report
WCC	02/05/87	Quarterly Monitoring Report (for Thrifty Oil Company)
WCC	05/11/87	Quarterly Monitoring Report (for Thrifty Oil Company)
WCC	01/11/89	Quarterly Monitoring Report (for Thrifty Oil Company)
ARCO	04/10/91	Letter to Thrifty requesting environmental indemnity
GSI	04/26/91	Workplan for off-site well installation
G-R	07/03/91	Implementation schedule for well installation
G-R	07/08/91	Monthly Site Status Update
G-R	08/27/91	Monthly Site Status Update
GSI	08/28/91	Letter re: reduction of number of off-site wells to be installed
GSI	09/03/91	Letter to RWQCB re: status of Thrifty Oil case at 20200 Hesperian
GSI	09/27/91	Monthly Site Status Update
GSI	11/26/91	Monthly Site Status Update
GSI	01/31/92	Monthly Site Status Update
GSI	02/28/92	Monthly Site Status Update
GSI	03/06/92	Monitor Well Installation Report
EA	03/17/92	Workplan for closure of oil/water separator
GSI	03/31/92	Monthly Site Status Update
GSI	05/21/92	Monthly Site Status Update
GSI	06/12/92	Monthly Site Status Update
GSI	06/22/92	Quarterly Monitoring Report 1st Quarter 1992
GSI	07/09/92	Monthly Site Status Update
GSI	07/17/92	Workplan for well installation and aquifer test
GSI	08/13/92	Monthly Site Status Update
GSI	08/23/92	Quarterly Monitoring Report 2nd Quarter 1992
GSI	09/28/92	Monthly Site Status Update
GSI	11/09/92	Monthly Site Status Update
RESNA	11/25/92	Letter re: minutes of 11/19/92 ACHCSA Meeting
GSI	12/09/92	Monthly Site Status Update
GSI	12/17/92	Letter re: remediation schedules for sites in Alameda County
GSI	12/21/92	Quarterly Monitoring Report 3rd Quarter 1992 and Site Assessment Report
EA	01/06/93	Letter re: status of Oil/water separator
GSI	01/13/93	Monthly Site Status Update
GSI	01/29/93	Quarterly Monitoring Report 4th Quarter 1992 and Well Installation Report
GSI	01/29/93	Executive summary re: well installation, aquifer test, and modeling
GSI	02/26/93	Monthly Site Status Update
GSI	03/04/93	Workplan for recovery well and air sparge/vapor extraction well installation
GSI	03/12/93	Monthly Site Status Update
GSI	04/22/93	Monthly Site Status Update
GSI	05/26/93	Monthly Site Status Update
GSI	06/10/93	Quarterly Monitoring Report 1st Quarter 1993
GSI	07/02/93	Letter re: request for approval of site safety plan for remedial system
GSI	07/15/93	Monthly Site Status Update
GSI	07/28/93	Quarterly Monitoring Report 2nd Quarter 1993
GSI	08/10/93	Letter to BAAQMD re: soil vapor extraction air sparge pilot test
GSI	08/11/93	Monthly Site Status Update
GSI	08/27/93	Letter to BAAQMD re: authority to construct treatment system
GSI	09/15/93	Monthly Site Status Update
GSI	09/29/93	Letter to BAAQMD re: permit for discharge

Table 1 (continued)
Summary of Reports in File

ARCO Service Station 5387
20200 Hesperian Boulevard at West Sunset Drive
Hayward, California

Consultant or Issuing Party	Date Issued	Report Name
GSI	10/12/93	Monthly Site Status Update
GSI	10/28/93	Quarterly Monitoring Report 3rd Quarter 1993
GSI	11/18/93	Monthly Site Status Update
GSI	12/13/93	Report re: additional remedial investigation and interim remedial action plan
GSI	12/14/93	Monthly Site Status Update
GSI	01/17/94	Quarterly Monitoring Report 4th Quarter 1993
GSI	01/20/94	Monthly Site Status Update
GSI	03/09/94	Letter to BAAQMD re: start up of soil vapor extraction system
ARCO	06/23/94	UST unauthorized release report re: 6/22/94 release of < 1 gallon of product
GSI	06/23/94	Well installation report
GSI	06/30/94	Quarterly Monitoring Report 1st Quarter 1994
GSI	09/27/94	Quarterly Monitoring/Remedial System Status Report 2nd Quarter 1994
PACIFIC	12/30/94	Quarterly Monitoring/Remedial System Status Report 3rd Quarter 1994
PACIFIC	03/01/95	Quarterly Monitoring/Remedial System Status Report 4th Quarter 1994

GTI = Groundwater Technology, Inc.
WCC = Woodward-Clyde Consultants
GSI = Geostrategies, Inc.
G-R = Gettler-Ryan, Inc.
RWQCB = Regional Water Quality Control Board
EA = EA Engineering, Science, and Technology
ACHCSA = Alameda County Health Care Services Agency
BAAQMD = Bay Area Air Quality Management District
PACIFIC = Pacific Environmental Group, Inc.



QUADRANGLE LOCATION

REFERENCES:

USGS 7.5 MIN. TOPOGRAPHIC MAP
TITLED: HAYWARD, CALIFORNIA
DATED: 1959 REVISED: 1980
TITLED: SAN LEANDRO, CALIFORNIA
DATED: 1959 REVISED: 1980

SCALE IN FEET

2000 0 2000

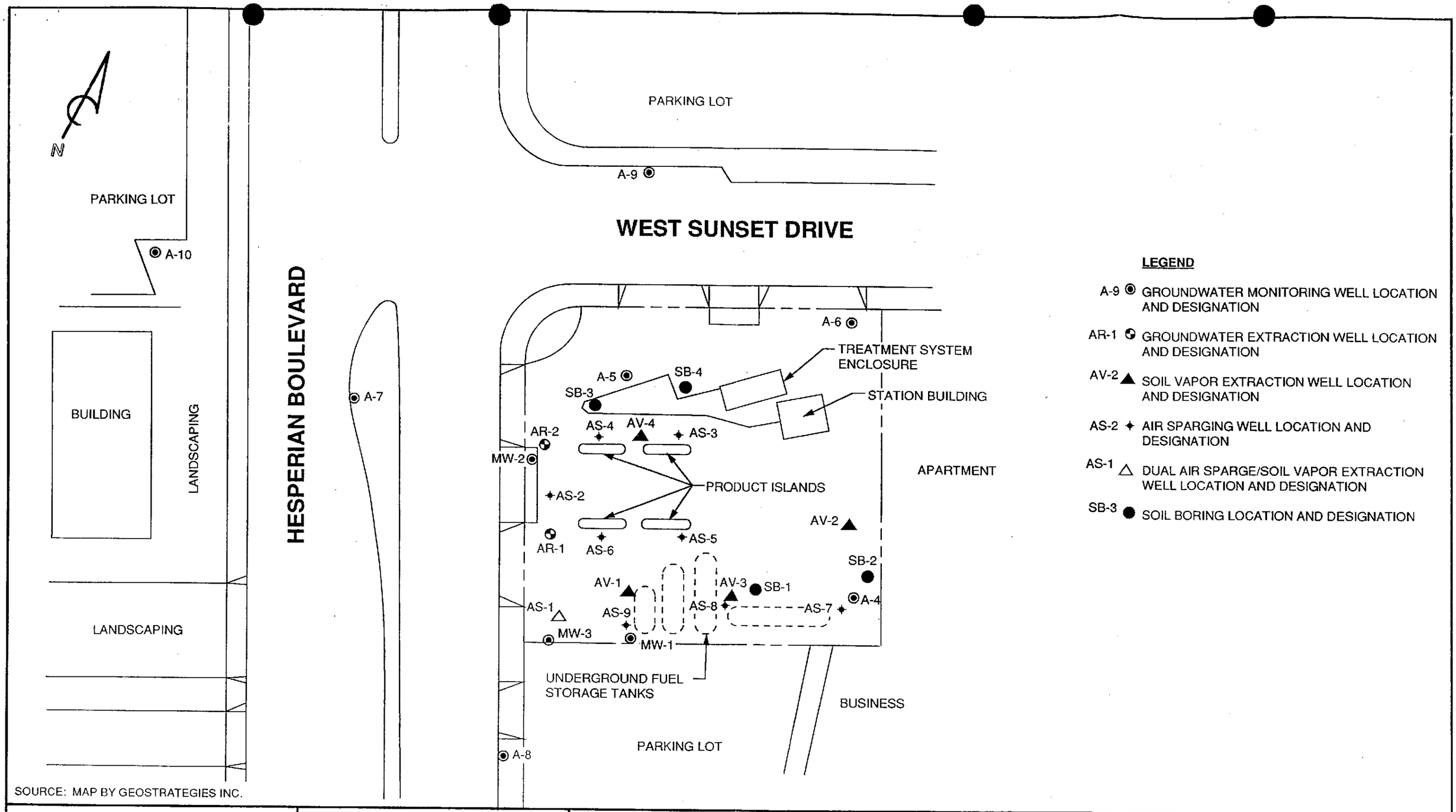
PACIFIC ENVIRONMENTAL GROUP, INC.

ARCO SERVICE STATION 5387
20200 Hesperian Boulevard at West Sunset Drive
Hayward, California

SITE LOCATION MAP

FIGURE: 1

PROJECT: 330-110.5A



SOURCE: MAP BY GEOSTRATEGIES INC.

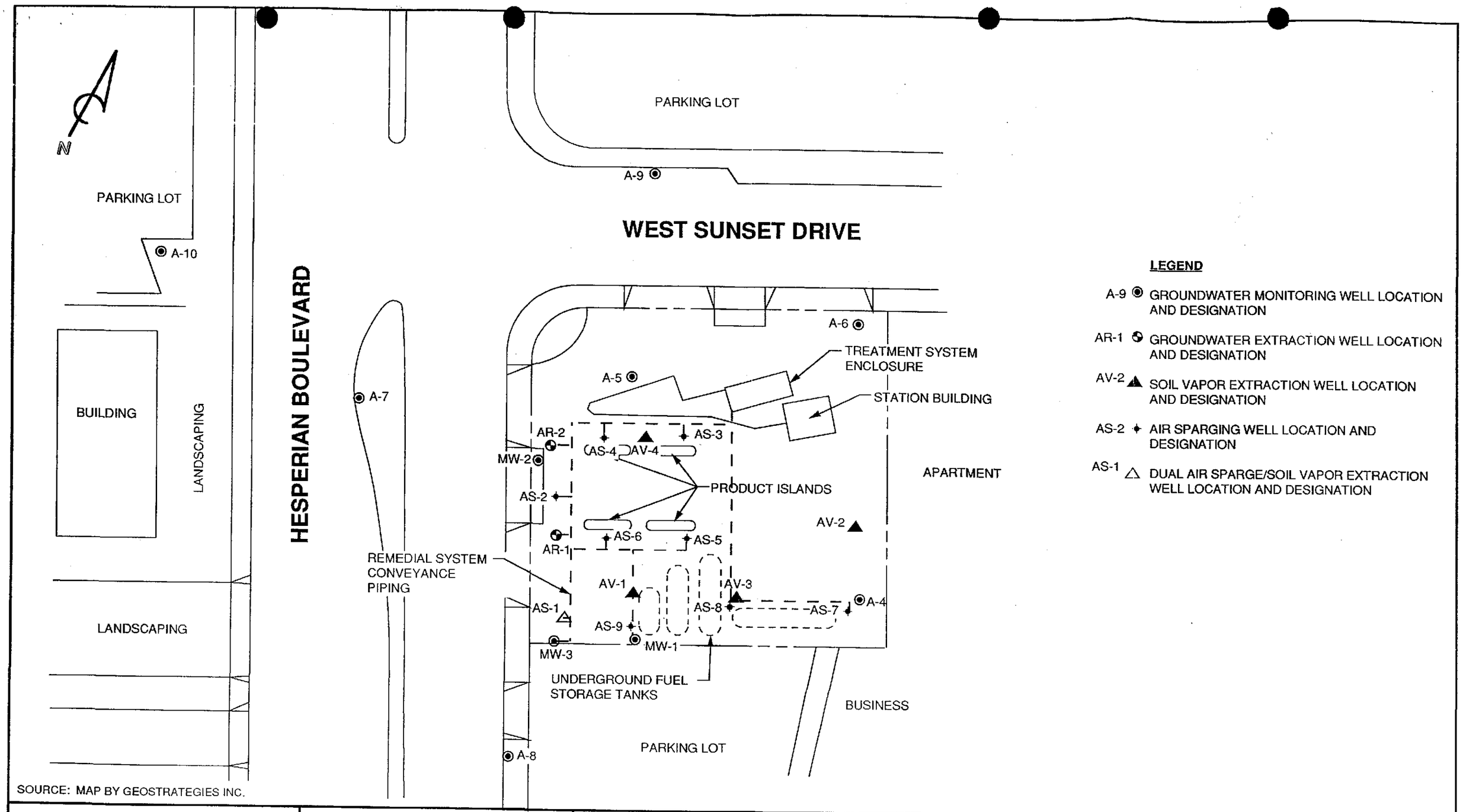
PACIFIC ENVIRONMENTAL GROUP, INC.

SCALE
0 40 80 FEET

ARCO SERVICE STATION 5387
20200 Hesperian Boulevard at West Sunset Drive
Hayward, California

WELL LOCATION MAP

FIGURE: 2
PROJECT: 330-110.5A



SOURCE: MAP BY GEOSTRATEGIES INC.

PACIFIC ENVIRONMENTAL GROUP, INC.

SCALE
0 40 80 FEET

ARCO SERVICE STATION 5387
20200 Hesperian Boulevard at West Sunset Drive
Hayward, California

REMEDIAL SYSTEM AND CONVEYANCE PIPING LOCATION MAP

FIGURE:
3
PROJECT:
330-110.5A

ATTACHMENT A

LIST OF CONTACTS

ATTACHMENT A
LIST OF CONTACTS

Regulatory Agency Contacts

- Mr. Richard Hiett
  Regional Water Quality Control Board, San Francisco Bay Region
  2101 Webster Street, Suite 500
  Oakland, California 94612
  510-286-4359

- Ms. Amy Leech
  Alameda County Health Care Services
  1131 Harbour Bay Parkway
  Alameda, California 94502
  510-567-6700

- Mr. Hugh Murphy
  City of Hayward Fire Department
  25151 Clawiter Road
  Hayward, California 94545
  510-293-8695

- Mr. Scott A. Owen
  Bay Area Air Quality Management District
  939 Ellis Street
  San Francisco, California 94109-7799

Coordinated Groundwater Monitoring and Sampling Program Contacts

- **Airport Alliance Station, 20450 Hesperian Boulevard, Hayward**

Mahesh Khatri (Owner)
20450 Hesperian Boulevard
Inc.
Hayward, California 94545
510-887-7715

Gary Rogers (Consultant)
Growth Environmental Services,

536 Stone Road, Suite J
Benicia, California 94510
707-745-0171
707-745-0163 fax

- **Former Shell Oil Company Station, 20500 Hesperian Boulevard, Hayward**

Lynn Walker
Shell Oil Company
P.O. Box 5278
Concord, California 94520
1943
510-675-6169

Bob Husk (Consultant)
Emcon Associates
1433 North Market Boulevard
Sacramento, California 95834-

916-928-3391 x390
916-928-3341 fax

- **Former Texaco/Exxon Station, 20499 Hesperian Boulevard, Hayward**

Rebecca Digerness (Direct Contact)
Texaco Refining and Marketing Inc.
108 Cutting Boulevard
Richmond, California 94804
510-236-0479
510-237-7821 fax

- **Former Unocal Station, 20501 Hesperian Boulevard, Hayward**

John Werful
Unocal Corporation
2000 Crow Canyon Place, Suite 400
P.O. Box 5155
San Ramon, California 94583
510-277-2320

Nubar Srabian (Consultant)
M.P.D.S. Service
2401 Stanwell Drive, Suite 400
Concord, California 94520
510-602-5100
510-687-0602 fax

ATTACHMENT B

BAAQMD PERMIT

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

PERMIT TO OPERATE

Plant# 9092 Page: 1 Expires: APR 1, 1996

This document does not permit the holder to violate any District regulation or other law.

Arco Products Company
2025 Gateway Place, Suite 440
San Jose, CA 95110

Location: 20200 Hesperian Blvd
San Lorenzo, CA 94580

S#	DESCRIPTION	[Schedule]	PAID
10	CHEM> Contaminated soil remediation, Contaminated soil vapor Soil Vapor Extraction Blower Abated by: A1 Unclassified Abatement Device A2 Adsorption, Activated Carbon/Charcoal A3 Adsorption, Activated Carbon/Charcoal A4 Adsorption, Activated Carbon/Charcoal	[F, 362 days]	83

1 Permit Source, 0 Exempt Sources
Total Fees $83.00
Invoice #3885 Paid

*** See attached Permit Conditions ***

The operating parameters described above are based on information supplied by permit holder and may differ from the limits set forth in the attached conditions of the Permit to Operate. The limits of operation in the permit conditions are not to be exceeded. Exceeding these limits is considered a violation of District regulations subject to enforcement action.

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

PERMIT TO OPERATE

This document does not permit the holder to violate any District regulation or other law.

*** PERMIT CONDITIONS ***

Source# 10 subject to condition ID# 10455

BAY AREA AIR QUALITY MANAGEMENT DISTRICT
939 ELLIS STREET
SAN FRANCISCO, CALIFORNIA 94109
(415) 771-6000

PERMIT TO OPERATE

*** PERMIT CONDITIONS ***

CONDITION ID #10455

1. Precursor Organic Compound (POC) emissions from Source S-10 shall be abated by either Abatement device A-1, I.C. Engine, or A-2, A-3, & A-4, three 2,000 pound activated carbon vessels arranged in series, during all periods of operation.
2. The POC destruction efficiency of Abatement devices A-1, A-2, A-3, & A-4 shall be maintained at a minimum of 98.5% by weight for inlet concentrations greater than or equal to 3000 ppmv. For inlet concentrations below 3000 ppmv and greater than or equal to 1000 ppmv, a minimum destruction efficiency of 97% shall be maintained. For inlet concentrations below 1000 ppmv, a minimum destruction efficiency of 90% shall be maintained. The minimum destruction efficiency of 90% shall be waived if total emissions from the operation are less than 1 pound per day VOC and benzene emissions are less than 0.02 pounds per day.
3. A-1 shall be properly maintained and kept in good operating condition at all times. In no event shall Benzene emissions to the atmosphere exceed 0.02 pounds per day.
4. To determine compliance with Conditions 2 and 3, for operation of A-1, the operator of this equipment shall:
   a. Analyze inlet gas stream to determine the flow rate and concentration of total POC present for each of the first three days of operation. Thereafter, the inlet gas shall be analyzed to determine the flow rate and concentration of total POC once every two weeks.
   b. Analyze exhaust gas to determine the concentration of benzene and total POC present for each of the first three days of operation. Thereafter, the exhaust gas shall be analyzed to determine the concentration of benzene and total POC once every two weeks.

*** PERMIT CONDITIONS ***

c. Calculate the benzene emission rate in pounds per day and the POC destruction efficiency based on the exhaust gas analysis and the operating exhaust flow rate. The soil vapor flow rate shall be decreased, if necessary, to demonstrate compliance with Conditions 2 and 3.

d. Submit to the District the test results and emission calculations for the first three days of operation within one month of start-up. All source test methods used shall be subject to the prior approval of the Source Test Section of the District Technical Division.

5. The operator of this source shall maintain the following information in a District-approved log for each month of operation of A-1:
   a. days of operation
   b. inlet and exhaust flow rate
   c. inlet and exhaust sampling date
   d. analysis results
   e. calculated emissions of benzene in pounds per day.

   Such records shall be retained and made available for inspection by the District for two years following the date the data is recorded.

6. Once influent concentrations fall below 1000 ppmv, the abatement device may be changed from A-1, I. C. Engine to A-2, A-3, & A-4, three carbon canisters arranged in series. Such changeover shall take place only after written notification of said abatement change has been received by the District. Operation of the source shall then be subject to the conditions which follow.

7. The second to last carbon vessel, A-3, shall be changed out with unspent carbon upon breakthrough, defined as the detection at the outlet of the higher of the following:
   a. 10 % of the inlet stream concentration to the carbon vessel.
   b. 10 ppmv (measured as C1).

*** PERMIT CONDITIONS ***

This shall be measured by a Flame-ionization Detector (FID) or other method approved in writing by the APCO.

8. The last carbon vessel, A-4, shall be changed out with unspent carbon upon detection of 10 ppmv (measured as C1) as measured with a Flame-ionization Detector (FID) or other method approved in writing by the APCO.
9. The limits set forth in Conditions # 7 and # 8 shall apply to non-methane hydrocarbon emissions. To determine the presence of methane in the exhaust stream, a reading shall be taken with and without a carbon filter tip fitted on the OVA-FID probe. Concentrations measured with the carbon filter tip in place shall be considered methane for the purpose of these permit conditions.
10. The operator of this source shall monitor with an OVA-FID or other method approved in writing by the APCO at the following locations:
    a. At the inlet to carbon vessel A-3.
    b. At the exhaust of A-3; the inlet to carbon vessel A-4.
    c. At the outlet of carbon vessel A-4; the carbon vessel that is last in series prior to venting to the atmosphere.
11. These monitor readings shall be recorded in a monitoring log at the time they are taken. The monitoring results shall be used to estimate the frequency of carbon change out necessary to maintain compliance with conditions number 7 and 8.
12. To maintain compliance with conditions number 7 and 8, the monitoring shall be conducted on a daily basis. The operator of this source may propose for District review, based on actual measurements taken at the site during operation of the source, that the monitoring schedule be changed based on the decline in organic emissions and/or the demonstrated breakthrough rates of the carbon vessels. Written approval by the District must be received by the applicant prior to a change to

*** PERMIT CONDITIONS ***

the monitoring schedule.

13. The operator of this source shall maintain the following information in a District approved log for each month of operation of A-2, A-3, and A-4:
    a. The hours of operation.
    b. Each monitor reading or analysis result for the day of operation they are taken.
    c. The number of carbon vessels removed from service.

    Any exceedance of conditions number 7 and/or 8 shall be reported to the Permits Division with the log as well as the corrective action taken. In addition, an exceedance of conditions number 7 and/or 8 shall be submitted to the District Enforcement Section at the time it occurs. The submittal shall detail the corrective action taken and shall include the data showing the exceedance as well at the time of occurrence.
14. The operator shall maintain a file containing all measurements, records and other data that are required to be collected pursuant to the various provisions of this conditional Authority to Construct/Permit to Operate. All measurements, records and data required to be maintained by the applicant shall be retained for at least two years following the date the data is recorded.
15. Upon final completion of the remediation project, the operator of Source S-10 shall notify the district within two weeks of decommissioning the operation.

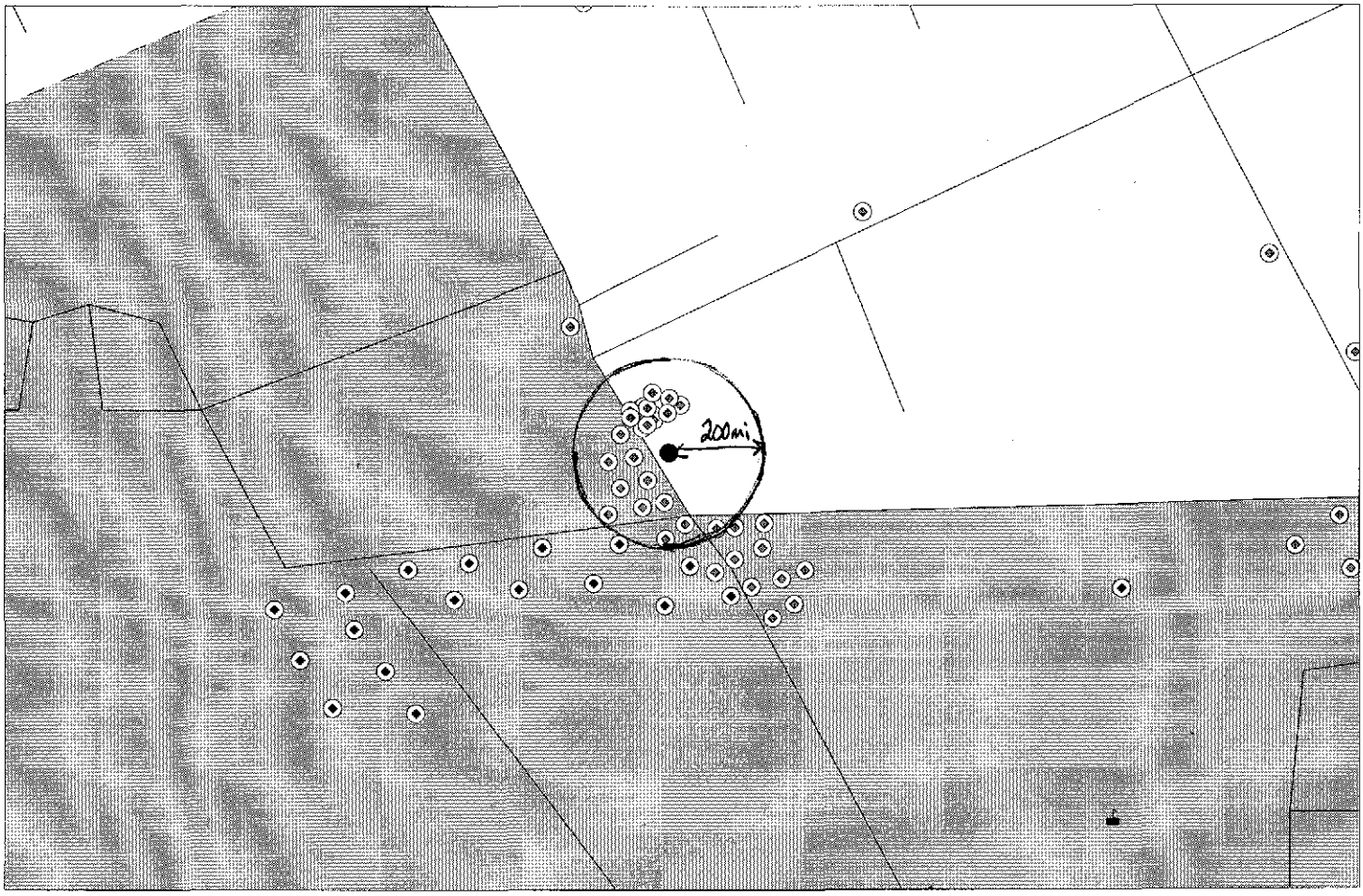
END OF CONDITIONS

Bay Area Air Quality Management District

** SOURCE EMISSIONS **

PLANT # 9092
Feb 17, 1995

	Source Description	Annual Average lbs/day PART	ORG	NOx	SO2	CO
10	Soil Vapor Extraction Blower	-	-	-	-	-
	T O T A L S					



- It looks as though the site is ~1,000 ft north of the upper portion of Sulphur Creek.

Tr	Section	Address	Longcity	Owner	Update	Xcoord	Ycoord	Matchle
3S/2W	18R17	20499 Hesperian Blvd	Hayward	Texaco Refining & Mark	05/30/1990	122117383	37665974	0
3S/2W	18R25	20499 Hesperian Blvd	Hayward	Texaco Refining & Mrkt	07/31/1990	122117383	37665974	0
3S/2W	18R26	20499 Hesperian Blvd	Hayward	Texaco Refining & Mrkt	07/31/1990	122117383	37665974	0
3S/2W	18K 1	HESPERIAN BLVD	Hayward	HARD	08/08/1984	122117050	37665750	2
3S/2W	18Q 2	HESPERIAN BLVD	Hayward	EAST BAY DISCHARG	08/08/1984	122117050	37665750	2
3S/2W	18R 7	20200 HESPERIAN BL	Hayward	ARCO PETROLEUM	10/06/1986	122117521	37666474	0
3S/2W	18R 8	20200 HESPERIAN BL	Hayward	ARCO PETROLEUM	10/06/1986	122117521	37666474	0
3S/2W	18R 9	20200 HESPERIAN BL	Hayward	ARCO PETROLEUM	10/06/1986	122117521	37666474	0
3S/2W	18R10	20499 HESPERIAN BL	Hayward	TEXACO STA. #624880	12/14/1988	122117383	37665974	0
3S/2W	18R11	20499 HESPERIAN BL	Hayward	TEXACO STA. #624880	12/14/1988	122117383	37665974	0
3S/2W	18R12	20499 HESPERIAN BL	Hayward	TEXACO STA. #624880	12/14/1988	122117383	37665974	0
3S/2W	29C 2	HESPERIAN BLVD	Hayward	HAYWARD SCHOOL DI	08/10/1984	122117050	37665750	2
3S/2W	29F 1	HESPERIAN BLVD	Hayward	J.R. FRY	08/10/1984	122117050	37665750	2
3S/2W	29G 1	HESPERIAN BLVD	Hayward	PALMA CEIA	08/10/1984	122117050	37665750	2
3S/2W	29J 1	HESPERIAN BLVD	Hayward	JERYL FRY	08/10/1984	122117050	37665750	2
3S/2W	29R 1	HESPERIAN BLVD	Hayward	PALMA CEIA VILLAGE	08/10/1984	122117050	37665750	2
3S/2W	32H 2	HESPERIAN BLVD	Hayward	OLIVER BROTHERS	08/10/1984	122117050	37665750	2
4S/2W	4D 3	HESPERIAN BLVD	Hayward	CITY OF HAYWARD	08/17/1984	122117050	37665750	2
4S/2W	4Q 4	HESPERIAN BLVD	Hayward	CITY OF HAYWARD	09/25/1989	122117050	37665750	2
4S/2W	4Q 3	HESPERIAN BLVD	Hayward	LOIVER BROS.	08/17/1984	122117050	37665750	2
3S/2W	18R29	20200 Hesperian Blvd	Hayward	ARCO Prod Co A-	09/26/1992	122117521	37666474	1
3S/2W	18R30	20200 Hesperian Blvd	Hayward	ARCO Prod Co A-	10/01/1992	122117521	37666474	1
3S/2W	18R31	20200 Hesperian Blvd	Hayward	ARCO Prod Co A-	10/01/1992	122117521	37666474	1
3S/2W	18R32	20200 Hesperian Blvd	Hayward	ARCO Prod Co A-	10/01/1992	122117521	37666474	1
3S/2W	18R33	20200 Hesperian Blvd	Hayward	ARCO Prod Co AR-	07/12/1993	122117521	37666490	1
3S/2W	18R34	20200 Hesperian Blvd	Hayward	ARCO Prod Co AR-	07/12/1993	122117521	37666490	1
3S/2W	18R35	20200 Hesperian Blvd	Hayward	ARCO Prod Co AR-	07/12/1993	122117521	37666490	1
3S/2W	18R37	20200 Hesperian Blvd.	Hayward	ARCO Prod.	07/29/1993	122117521	37666474	1
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Tsrqq	Rec_cod	Phone	City	Drilldate	Elevatio	Totaldep	Waterde	Diame	Use	Log	W	Wl	Yield	Dtwcal	Old_d
3S/2W 18R	41	0	HAY	11/89	0	19	14	4	MON	D	0	0	0	0	D
3S/2W 18R	813	0	HAY	03/90	0	20	14	2	MON	D	0	0	0	0	D
3S/2W 18R	814	0	HAY	03/90	0	20	14	2	MON	D	0	0	0	0	D
3S/2W 18K	4677	0	HAY	/50	37	108	0	10	DOM	?	0	0	0	0	L
3S/2W 18Q	4688	0	HAY	7/82	0	44	3	4	MON	D	0	0	0	0	L
3S/2W 18R	4694	0	HAY	08/86	0	30	12	2	TES	D	0	0	0	0	L
3S/2W 18R	4695	0	HAY	08/86	0	30	12	2	TES	D	0	0	0	0	L
3S/2W 18R	4696	0	HAY	08/86	0	30	12	2	TES	D	0	0	0	0	L
3S/2W 18R	4697	0	HAY	06/88	98	20	12	2	MON	G	0	0	0	0	L
3S/2W 18R	4698	0	HAY	06/88	0	20	12	2	MON	G	0	0	0	0	L
3S/2W 18R	4699	0	HAY	06/88	99	20	13	2	MON	G	0	0	0	0	L
3S/2W 29C	5133	0	HAY	?	42	0	0	0	IRR	?	0	0	0	0	L
3S/2W 29F	5140	0	HAY	9/32	42	541	0	12	ABN	D	0	0	0	0	L
3S/2W 29G	5147	0	HAY	?	46	0	0	0	ABN	?	0	0	0	0	L
3S/2W 29J	5158	0	HAY	/56	0	47	136	8	ABN	?	0	0	0	0	L
3S/2W 29R	5178	0	HAY	?	35	19	0	4	IRR	?	0	0	0	0	L
3S/2W 32H	5448	0	HAY	10/56	25	547	125	12	IRR	D	0	0	800	-100	L
4S/2W 4D	6448	0	HAY	/36	6	500	0	14	ABN	?	0	0	9	0	L
4S/2W 4Q	6455	0	HAY	6/82	0	301	0	0	CAT	D	0	0	0	0	L
4S/2W 4Q	6810	0	HAY		0	0	0	0					0	0	A
3S/2W 18R	8107	0	HAY	12/91	0	35	18	3	MON	D	0	0	0	0	D
3S/2W 18R	8311	0	HAY	10/91	0	35	17	3	MON	D	0	0	0	0	D
3S/2W 18R	8312	0	HAY	10/91	0	32	17	3	MON	D	0	0	0	0	D
3S/2W 18R	8313	0	HAY	10/91	0	35	17	3	MON	D	0	0	0	0	D
3S/2W 18R	0	0	HAY	3/93	0	35	12	1	MON	D	0	0	0	0	D
3S/2W 18R	0	0	HAY	3/93	0	30	14	1	MON	D	0	0	0	0	D
3S/2W 18R	0	0	HAY	3/93	0	35	14	6	MON	D	0	0	0	0	D
3S/2W 18R	0	0	HAY	8/92	0	35	15	6	MON	D	0	0	0	0	D
3S/2W 18R	0	0	HAY	8/92	0	34	16	2	MON	D	0	0	0	0	D
3S/2W 18R	0	0	HAY	8/92	0	35	14	2	MON	D	0	0	0	0	D
3S/2W 18R	0	0	HAY	3/93	0	16	12	2	MON	D	0	0	0	0	D