

REACT ENVIRONMENTAL SERVICES CORPORATION

HAZMAT

JW
3/3/94

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February 23, 1994

Mr. Ron Imperiale
Valley Auto Center
6015 Scarlet Court
Dublin, CA 94568

Subject: Quarterly Report - Monitoring Well Sampling
5787 Scarlet Court, Dublin California

Dear Mr. Imperiale:

REACT Environmental Services Corp. (RES) is pleased to present you with this quarterly groundwater monitoring report for your facility located at 5787 Scarlet Court, Dublin California.

On February 5, 1994 RES performed well sampling at the above site. Samples were collected from monitoring wells MW-3, MW-4, and MW-5; refer to Figure 1. The following report is a description of these sampling activities.

FIELD PROCEDURES

Prior to groundwater sampling, depth to water-level measurements were obtained in each monitoring well using a Sample Pro (Model 6000) water level meter. Static groundwater levels were measured from the surveyed top-of-well casing and recorded to the nearest ± 0.01 foot.

Each well was purged of at least four well casing volumes of water prior to sampling. During the well purging, conductivity, pH and temperature readings were taken and recorded on the Water Quality Sample Collection Log. Wells were purged, and subsequently sampled, using a teflon bailer which was cleaned with a laboratory detergent before each use. Purge water was drummed and left on site until laboratory sample results could be used to determine a proper method of disposal.

The collected sample from each well was transferred into two 40 mL VOA glass containers. All containers were capped and then inverted to check for head space, labeled and placed into a chilled cooler (maintained at 4 Degrees Celsius). The samples were delivered to Priority Environmental Labs in Milpitas, California; strict chain-of-custody protocol was observed. Please refer to Appendix A for Water Quality Sample Collection Log, Chain of Custody and Laboratory Report.

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GROUNDWATER ANALYTICAL DATA

All groundwater samples were analyzed for the presents of total petroleum hydrocarbons as Gasoline using EPA Method (5030/8015), and BTEX (602).

Based on the analytical results, our findings indicate that the water samples collected from all three wells were below the limits of detection for those chemicals analyzed.

QUALITY CONTROL

A quality control sample (reagent blank) was included in the October 8, 1993 sampling. This sample was prepared by the laboratory using an aliquot of analyte-free water analyzed with the analytical batch.

COMMENTS

The groundwater data collected during this site investigation indicates that the groundwater flows from the northeast to the southwest. Laboratory results indicated that no detectable levels of the contaminate were present in the water samples for those chemicals tested.

A final report which summarizes the outcome of the site investigation should be prepared for site closure as outlined in the "Proposed Contents of Letter of Recommendations for UST Case Closures."

TABLE 1: GROUNDWATER MONITORING WELL DATA

TABLE 2: GROUNDWATER ANALYTICAL RESULTS

FIGURE 1: FACILITY DIAGRAM AND MONITORING WELL LOCATIONS

APPENDIX A: WATER SAMPLING COLLECTION LOG SHEETS, CHAIN-OF-CUSTODY, and LABORATORY RESULTS

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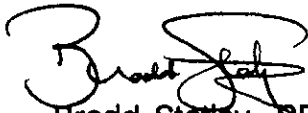
A copy of this report should be sent to:

Ms. Eva Chu
Hazardous Materials Specialist
Alameda County Environmental Health Services
80 Swan Way, Room 200
Oakland, CA 94612

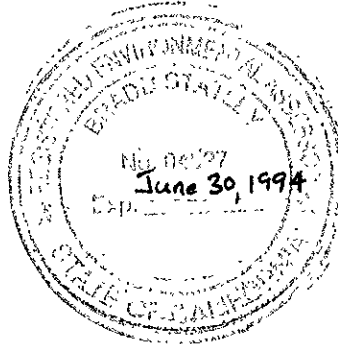
Eddy So
Regional Water Quality Control Board
2101 Webster Avenue
Oakland, CA 94612

Should you have any questions regarding this report please contact Fred Stamey at (415) 365-9696.

Very truly yours,



Bradd Statley, REA
Project Engineer
REACT Environmental Services Corp.



TABLES

**TABLE 1
GROUNDWATER MONITORING WELL DATA**

	MW-3	MW-4	MW-5
TOTAL CASING DEPTH (FT)	14.21	18.92	13.92
TOP OF CASING ELEV. (FT)	327.93	327.12	327.86
WELL DIAMETER (INCHES)	4	4	4
SCREEN LENGTH INTERVAL (Feet Below Grade)	NA	NA	NA
Depth to Water (FT) 1/24/91	NA	NA	NA
Depth to Water (FT) 3/9/93	3.00	3.00	3.17
Depth to Water (FT) 6/29/93	4.91	4.61	5.11
Depth to Water (FT) 10/8/93	5.68	5.34	5.94
Depth to Water (FT) 2/5/94	5.09	4.90	5.43

NA - Data Not Available

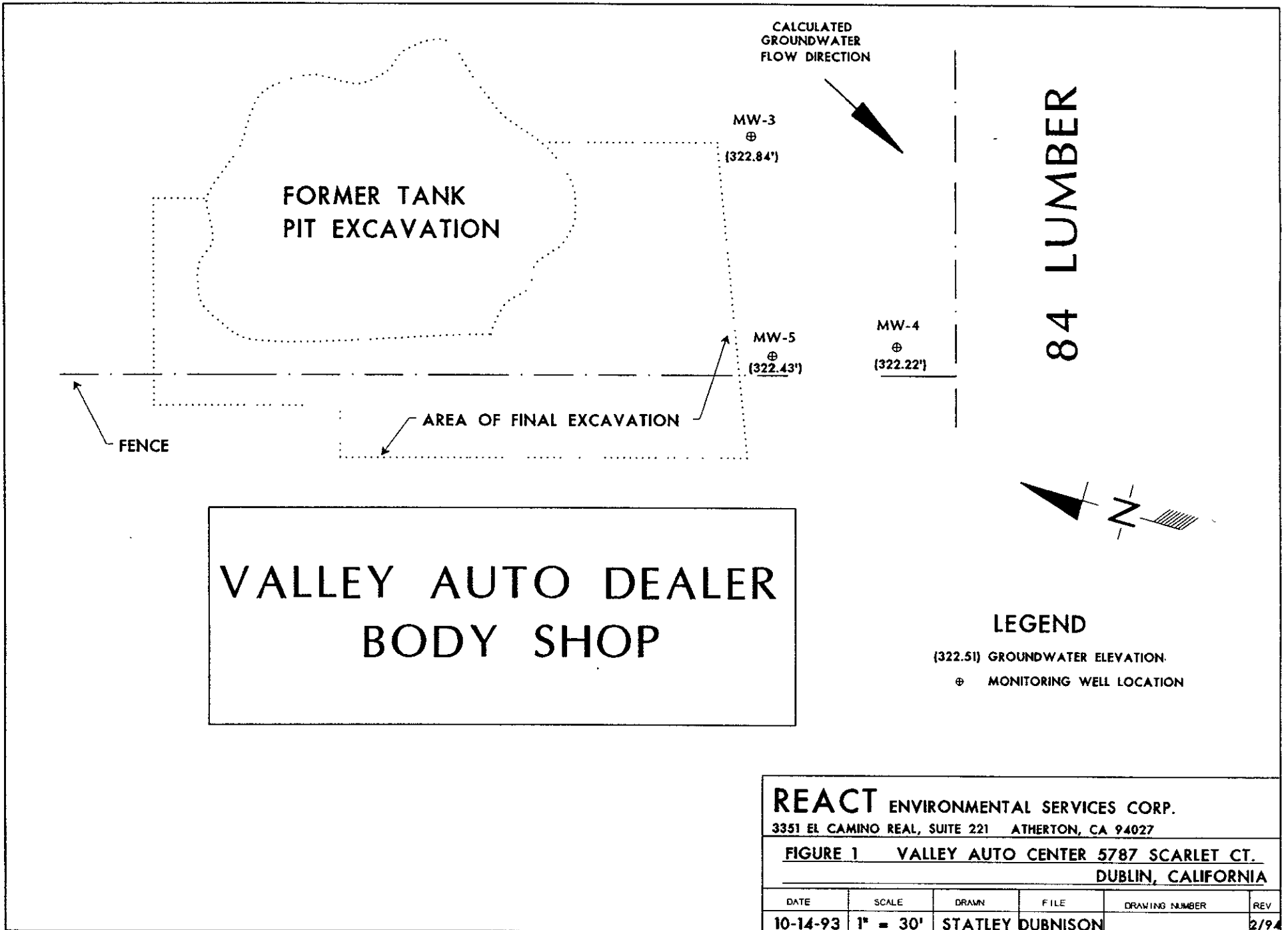
TABLE 2
GROUNDWATER ANALYTICAL RESULTS
(PPB)

	MW-3	MW-4	MW-5
1\24\91 TPH-GASOLINE	ND	ND	80
BENZENE	ND	ND	ND
TOLUENE	ND	ND	ND
ETHYL BENZENE	ND	ND	ND
TOTAL XYLENES	ND	ND	ND
3\9\93 TPH-GASOLINE	ND	ND	130
BENZENE	ND	ND	ND
TOLUENE	ND	ND	0.9
ETHYL BENZENE	ND	ND	ND
TOTAL XYLENES	ND	ND	ND
6\29\93 TPH-GASOLINE	ND	ND	ND
BENZENE	ND	ND	ND
TOLUENE	ND	ND	ND
ETHYL BENZENE	ND	ND	ND
TOTAL XYLENES	ND	ND	ND
10/8/93 TPH-GASOLINE	ND	ND	ND
BENZENE	ND	ND	ND
TOLUENE	ND	ND	ND
ETHYL BENZENE	ND	ND	ND
TOTAL XYLENES	ND	ND	ND
2/5/94 TPH-GASOLINE	ND	ND	ND
BENZENE	ND	ND	ND
ETHYL BENZENE	ND	ND	ND
TOTAL XYLENES	ND	ND	ND

ND - Not Detected

NA - Not Analyzed

FIGURES



REACT ENVIRONMENTAL SERVICES CORP.					
3351 EL CAMINO REAL, SUITE 221 ATHERTON, CA 94027					
FIGURE 1 VALLEY AUTO CENTER 5787 SCARLET CT.					
DUBLIN, CALIFORNIA					
DATE	SCALE	DRAWN	FILE	DRAWING NUMBER	REV
10-14-93	1" = 30'	STATLEY DUBNISON			2/94

APPENDIX A

SCOTT ENVIRONMENTAL

WATER QUALITY SAMPLE

COLLECTION LOG

SITE LOCATION: 5787 SCARLETT CT., DUBLIN
 SAMPLING DATE: 2/5/94 SAMPLERS NAME: B. STATLEY
 WELL ID.: MW-3 SAMPLE ID.: MW-3
 PURGING METHOD: TEFLON BAILER
 SAMPLING METHOD: TEFLON BAILER
 CONTAINER TYPE/SIZE: 40 mL VOA
 NUMBER OF CONTAINERS: 2
 WEATHER CONDITION: SLIGHT OVERCAST, COOL
 WELL CASING DIAMETER (in): 4
 WELL CASING ELEVATION (ft): 327.93
 WELL CASING DEPTH (ft): 14.21
 TOTAL WELL DEPTH MEASURED (FT): 14.08
 FLOATING PRODUCT (in): No
 DEPTH TO WATER (ft): 5.09 2-inch casing = 0.16 gal/ft
 HEIGHT OF WATER IN WELL (ft): 9.12 4-inch casing = 0.65 gal/ft
 VOLUME OF WATER IN WELL (gal): 5.92 6-inch casing = 1.47 gal/ft

4 casing vol = 24 gal.

TIME	VOLUME REMOVED (gal)	CONDUCT. (micro-mhos/cm)	TEMP. (deg. C)	pH	REMARKS
11:29	5	4 x 10 mV	20.8	6.80	CLEAR
11:40	5	3.3 x 10 mV	20.3	6.98	CLEAR
11:49	5	3.5 x 10 mV	18.9	7.02	CLEAR
11:57	5	3.5 x 10 mV	19.1	7.12	CLEAR
12:05	5	3.0 x 10 mV	18.9	7.20	CLEAR

DID WELL DEWATER? YES/NO

Additional remarks by sampler:


SAMPLE CONTAINERS DELIVERED TO: PEL

Sampler's Signature: [Signature]

SCOTT ENVIRONMENTAL
WATER QUALITY SAMPLE
COLLECTION LOG

SITE LOCATION: 5787 SCARLETT CT, DUBLIN
 SAMPLING DATE: 2/5/99 SAMPLERS NAME: B. STATLEY
 WELL ID.: MW-4 SAMPLE ID.: MW-4
 PURGING METHOD: TEFLON BAILER
 SAMPLING METHOD: TEFLON BAILER
 CONTAINER TYPE/SIZE: 40 mL VOA
 NUMBER OF CONTAINERS: 2
 WEATHER CONDITION: OVERCAST, COOL
 WELL CASING DIAMETER (in): 4
 WELL CASING ELEVATION (ft): 327.12
 WELL CASING DEPTH (ft): 18.92
 TOTAL WELL DEPTH MEASURED (FT): 18.82
 FLOATING PRODUCT (in): No
 DEPTH TO WATER (ft): 4.90 2-inch casing = 0.16 gal/ft
 HEIGHT OF WATER IN WELL (ft): 14.02 4-inch casing = 0.65 gal/ft
 VOLUME OF WATER IN WELL (gal): 9.11 6-inch casing = 1.47 gal/ft

TIME	VOLUME REMOVED (gal)	CONDUCT. (micro-mhos/cm)	TEMP. (deg. C)	pH	REMARKS
12:53	5	2.5 x 10 ^m U	16.2	7.41	CLEAR
13:00	5	2.7 x 10 ^m U	16.5	7.27	CLEAR
13:07	5	3.0 x 10 ^m U	16.8	7.15	CLEAR
13:14	5	3.1 x 10 ^m U	16.8	7.11	CLEAR
13:22	5	3.3 x 10 ^m U	16.9	7.11	CLEAR
13:29	5	3.2 x 10 ^m U	16.9	7.11	CLEAR
13:35	5	3.2 x 10 ^m U	16.9	7.11	CLEAR

DID WELL DEWATER? YES/NO NO
 Additional remarks by sampler: _____
 SAMPLE CONTAINERS DELIVERED TO: PEL
 Sampler's Signature: 

SCOTT ENVIRONMENTAL
WATER QUALITY SAMPLE
COLLECTION LOG

SITE LOCATION: 5787 SCARLETT CT, DUBLIN
SAMPLING DATE: 2/5/94 **SAMPLERS NAME:** B. STATLEY
WELL ID.: MW-5 **SAMPLE ID.:** MW-5
PURGING METHOD: TEFLON BAILER
SAMPLING METHOD: TEFLON BAILER
CONTAINER TYPE/SIZE: 40 mL VOA
NUMBER OF CONTAINERS: 2
WEATHER CONDITION: OVERCAST, COOL
WELL CASING DIAMETER (in): 4
WELL CASING ELEVATION (ft): 327.86
WELL CASING DEPTH (ft): 13.92
TOTAL WELL DEPTH MEASURED (FT): 13.61
FLOATING PRODUCT (in): No
DEPTH TO WATER (ft): 5.43 2-inch casing = 0.16 gal/ft
HEIGHT OF WATER IN WELL (ft): 8.49 4-inch casing = 0.65 gal/ft
VOLUME OF WATER IN WELL (gal): 5.52 6-inch casing = 1.47 gal/ft

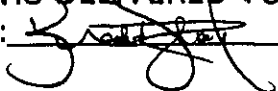
22 gal

TIME	VOLUME REMOVED (gal)	CONDUCT. (micro-mhos/cm)	TEMP. (deg. C)	pH	REMARKS
14:08	5	1.3 x 100 mV	17.1	6.39	CLEAR
14:18	5	1.2 x 100 mV	17.2	6.35	CLEAR
14:25	5	1.3 x 100 mV	17.1	6.30	CLEAR
14:39	5	1.3 x 100 mV	17.1	6.30	CLEAR

DID WELL DEWATER? YES/NO

Additional remarks by sampler: Had to dewater well box

SAMPLE CONTAINERS DELIVERED TO: REL

Sampler's Signature: 



PRIORITY ENVIRONMENTAL LABS

Precision Environmental Analytical Laboratory

February 09, 1994

PEL # 9402015

SCOTT ENVIRONMENTAL, INC.

Attn: Bradd Statley

Re: Three water samples for Gasoline/BTEX analysis.

Project name: Valley Auto Center

Project number: 93-07-03

Date sampled: Feb 05, 1994

Date submitted: Feb 07, 1994

Date extracted: Feb 07-09, 1994

Date analyzed: Feb 07-09, 1994

RESULTS:

SAMPLE I.D.	Gasoline (ug/L)	Benzene (ug/L)	Toluene (ug/L)	Ethyl Benzene (ug/L)	Total Xylenes (ug/L)
MW-3	N.D.	N.D.	N.D.	N.D.	N.D.
MW-4	N.D.	N.D.	N.D.	N.D.	N.D.
MW-5	N.D.	N.D.	N.D.	N.D.	N.D.
Blank	N.D.	N.D.	N.D.	N.D.	N.D.
Spiked Recovery	91.1%	95.7%	93.3%	96.6%	96.2%
Detection limit	50	0.5	0.5	0.5	0.5
Method of Analysis	5030 / 8015	602	602	602	602

David Duong
Laboratory Director

