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ExxonMobil
Refining & Supply

April 25, 2003

Mr. Scott Seery
Alameda County Health Agency
Division of Environmental Protection
Department of Environmental Health
1131 Harbor Bay Parkway, 2nd Floor
Alameda, California 94502

Subject: Former Exxon RAS #7-0210, 7840 Amador Valley Boulevard, Dublin, California

Dear Mr. Seery:

Attached for your review and comment is a copy of the *Report of Offsite Subsurface Investigation* for the above-referenced site. The report, prepared by ETIC Engineering, Inc. of Pleasant Hill, California, details the installation of four geoprobe borings. The work was performed in accordance with a work plan approved by the Alameda County Health Agency. Information concerning utilities and their potential to act as preferential pathways for migration of hydrocarbons will be submitted under separate cover.

If you have any questions or comments, please contact me at (925) 246-8747.

Sincerely,

Gene N. Ortega
Territory Manager

Attachment: ETIC Report of Offsite Subsurface Investigation dated April 2003

c: w/attachment:
Mr. Joseph A. Aldridge - Valero Energy Corporation
Mr. Wyman Hong - Zone 7 Water Agency

c: w/o attachment:
Mr. Ted Moise - ETIC Engineering, Inc.

ETIC ENGINEERING

Report of Offsite Subsurface Investigation

Former Exxon Retail Site 7-0210
7840 Amador Valley Boulevard
Dublin, California

Prepared for

Exxon Mobil Refining and Supply Company
2300 Clayton Road, Suite 1250
Concord, California 94520

Prepared by

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2285 Morello Avenue
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(925) 602-4710

Ted Moise
Project Manager

4/21/03
Date

Heidi Dieffenbach-Carle
Heidi Dieffenbach-Carle, R.G. #6793
Senior Geologist

April 21, 2003
Date

REGISTERED GEOLOGIST
HEIDI L. DIEFFENBACH-CARLE
No. 6793
exp03/31/04
STATE OF CALIFORNIA

April 2003

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Former Exxon RS 7-0210

SITE CONTACTS

Station Number:	Former Exxon Retail Site 7-0210
Station Address:	7840 Amador Valley Boulevard Dublin, California
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Consultant to ExxonMobil:	ETIC Engineering, Inc. 2285 Morello Avenue Pleasant Hill, California 94523 (925) 602-4710
ETIC Project Manager:	Ted Moise
Regulatory Oversight:	Scott Seery Alameda County Health Agency Division of Environmental Protection Department of Environmental Health 1131 Harbor Bay Parkway, 2nd Floor Alameda, California 94502 (510) 567-6700

1. INTRODUCTION

This report summarizes the results of an offsite subsurface investigation conducted at former Exxon Retail Site (RS) 7-0210, located at 7840 Amador Valley Boulevard, Dublin, California. At the request of ExxonMobil Refining and Supply Company (ExxonMobil), ETIC Engineering, Inc. (ETIC) observed the installation of four offsite soil borings (B5-B8). The borings were installed in response to a request from the Alameda County Health Agency (ACHA) to assess the extent of methyl tert butyl ether (MTBE) impact to groundwater downgradient of the site. This work was done in accordance with a work plan submitted to the ACHA (ETIC 2002). Concurrence was received from the ACHA in a letter dated 23 April 2002 (Appendix A).

Scope of Work Performed

The investigation consisted of the following activities:

- Offsite access was obtained from the property owner adjacent to the site following legal negotiations.
- On 26 February 2003, four geoprobe borings (B5-B8) were installed offsite.
- Soil samples were collected continuously to characterize subsurface lithology. Selected soil samples were analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-g) and as diesel (TPH-d), benzene, toluene, ethylbenzene, and xylenes (BTEX), MTBE, ethyl t-butyl ether (ETBE), t-amyl methyl ether (TAME), diisopropyl ether (DIPE), t-butyl alcohol (TBA), 1,2-dibromoethane (EDB), and 1,2-dichloroethane (1,2-DCA).
- Depth discrete groundwater samples were collected and analyzed for TPH-g, TPH-d, BTEX, MTBE, ETBE, TAME, DIPE, TBA, EDB, and 1,2-DCA.

2. SITE BACKGROUND

2.1 SITE LOCATION AND LAND USE

Former Exxon RS 7-0210 is located at 7840 Amador Valley Boulevard, Dublin, California, on the eastern corner of the intersection of Amador Valley Boulevard and Regional Street (Figure 1). Land use in the area is a mixture of residential and commercial. The immediate vicinity of the site is commercial, consisting of shopping malls and parking lots. A Unocal service station with underground storage tanks is located on the southwestern corner of the intersection. The site is located on essentially flat terrain at an elevation of approximately 340 feet. Topography in the area slopes gently to the southeast.

The site has three 12,000-gallon gasoline underground storage tanks (USTs). All USTs are of double-walled fiberglass construction. A station building is situated in the southern end of the property. ExxonMobil sold the property to Valero Energy Corporation in June 2000 and the site is currently being operated as an active Valero-branded station by Dublin Valero, Inc.

2.2 SITE HISTORY

Former Exxon RS 7-0210 was owned and operated by Texaco until 1988, when it was purchased by Exxon. In February 1990, Exxon replaced product dispensers and installed a vapor recovery system. A soil boring (SB1) was advanced by Alton Geoscience in October 1991. The location of the soil boring is presented on Figure 2. TPH-g and benzene were detected in SB1 at 15.5-16 feet below ground surface (bgs) at 69 mg/kg and 0.045 mg/kg, respectively (EA 1992).

In October 1991, Exxon replaced three former 8,000-gallon single-walled steel USTs with the existing three 12,000-gallon double-walled fiberglass-reinforced plastic (FRP) tanks. The locations of the former and existing tanks are indicated in Figure 2.

Confirmation soil samples (TG1-TG8) were collected from native soil beneath the single-walled steel USTs and from the sidewalls of the tank pit after the tanks were removed. A map showing the locations of these samples is included in Appendix B. The analytical results are presented in Table 1. Maximum concentrations of TPH-g and benzene were detected in the sample from the southeastern corner of the former tank field in TG4-14' at 1,000 mg/kg and 1.2 mg/kg, respectively. Additional soil was excavated to 16 feet bgs where groundwater was encountered and soil samples TG9-TG11 were collected. After over-excavation activities were complete, the maximum TPH-g and benzene concentrations were detected in the southeastern corner of the former tank field in TG9-16' at 300 mg/kg and 0.68 mg/kg, respectively. Soil samples NP1-NP4 were collected from the new tank field excavation prior to tank installation. TPH-g and BTEX were not detected above the laboratory reporting limits in any of these samples (EA 1991). Maps showing the locations of these samples are included in Appendix B.

The product piping was also upgraded to double-walled FRP during tank installation activities. Soil samples PL1-PL6 were collected at 2.5 feet bgs from the product piping trench. TPH-g and BTEX were not detected above laboratory reporting limits in these samples. The locations of the samples are also presented on a map included in Appendix B, and the analytical results are included in Table 1 (EA 1991).

Groundwater monitoring wells MW1-MW4 were installed in May 1992 (EA 1992). Soil samples collected from MW1–MW4 did not contain TPH-g or BTEX above laboratory reporting limits (Table 1). These monitoring wells were sampled 12 times from May 1992 to June 1995. During the June 1995 groundwater sampling event, TPH-g and BTEX were not detected above laboratory reporting limits, while MTBE was detected in wells MW1 and MW2 at 230 and 59 µg/L, respectively (EA 1995). These wells were destroyed in April 1996 (EA 1996), as authorized by the ACHA and the Regional Water Quality Control Board in a March 1996 site closure letter to Exxon (ACHA 1996). The locations of these former wells are presented in Figure 2. The analytical results for groundwater samples collected from these wells are presented in Table 2, and well construction details are presented in Table 3.

In November 1998, a baseline environmental assessment was conducted at the site (EA 1999). Four soil borings (B1-B4) were advanced and soil and groundwater grab samples were collected. The samples were analyzed for TPH-g, TPH-d, BTEX, and MTBE. TPH-g and BTEX were not detected in any of the soil samples collected during the investigation. MTBE was detected in only one sample (B1, 15-16 feet bgs), at a concentration of 0.78 mg/kg. TPH-d was detected at concentrations ranging from 1.1 to 2.1 mg/kg in the four samples collected from B1-B4 at 5 feet bgs. Table 1 summarizes the analytical results for these soil samples.

BTEX and TPH-g were not detected above laboratory reporting limits in any of the grab groundwater samples collected during the investigation with the exception of toluene (1.7 µg/L) and TPH-g (100 µg/L), detected in the sample collected from B1. MTBE was detected by EPA Method 8260 at a concentration of 4,000 µg/L in the groundwater sample collected from B1 and at a concentration of 19 µg/L in the sample collected from B2 (EA 1999). Table 4 summarizes the groundwater grab sample analytical results.

A letter report was prepared by ETIC presenting analytical results of split samples collected on behalf of ExxonMobil during the Valero Energy Corporation subsurface investigation at the site on 20 April 2000. Soil borings 70210-1 and 70210-2 were advanced to collect groundwater samples. The locations of these soil borings are presented in Figure 2. TPH-g and MTBE were detected at concentrations of 140 µg/L and 190 µg/L, respectively, in sample 70210-2 (ETIC 2000).

In November 2000, three groundwater monitoring wells (MW5-MW7) were installed at the site (ETIC 2001a). TPH-g and benzene were not detected in any of the soil samples at concentrations above laboratory reporting limits. MTBE was detected at concentrations of 0.023 mg/kg in MW5 (13-13.5 feet) and 0.018 mg/kg in MW6 (13-13.5 feet) using EPA Method 8021B. The results of analysis of these samples by EPA Method 8260B did not detect MTBE above the laboratory reporting limits. MTBE was not detected in samples from MW7. Soil sample analytical results are summarized in Table 1. Well construction details are summarized in Table 3.

In October 2001, a Conceptual Site Model Report was prepared for the site at the request of the Alameda County Health Agency. The conceptual site model (CSM) was developed for the site to document sources of chemicals, affected media and transport mechanisms, and potential exposure pathways and receptors. As part of developing the CSM, a well search was conducted to locate wells within a 1-mile radius of the site. The results of the exposure pathway evaluation and well search indicated that there is no potential for direct contact with groundwater at the site, potential offsite

migration of chemicals from the site to wells is negligible, direct exposure to groundwater at offsite locations is considered incomplete, and risks associated with residual levels of hydrocarbons beneath the site are considered negligible (ETIC 2001b).

Quarterly groundwater monitoring of wells MW5-MW7 has been conducted since November 2000. Benzene has not been detected in any of the groundwater samples collected from these wells, and TPH-g has not been detected in samples from well MW7. TPH-g has been detected in groundwater samples collected from wells MW5 and MW6 at concentrations ranging from 70 µg/L (MW5, 11/5/01) to 1,380 µg/L (MW6, 2/27/02). However, TPH-g results since February 2002 are suspected to be primarily due to the presence of MTBE because MTBE has been included in laboratory TPH-g calculations for samples collected since that time. MTBE was not included in TPH-g calculations for the site prior to February 2002. MTBE has been detected in groundwater samples collected from wells MW5-MW7 at concentrations ranging from 1.4 µg/L (MW7, 2/4/02) to 1,600 µg/L (MW5, 11/17/00). Groundwater monitoring results are presented in Table 2. The most recent groundwater analytical results, for samples collected on 24 January 2003, are presented in Figure 3. A quarterly groundwater monitoring report was submitted under separate cover (ETIC 2003).

2.3 REGIONAL GEOLOGY AND HYDROGEOLOGY

The site is located in the north central part of Alameda County, near the Amador and Livermore valleys within the Central Coast Ranges California Geomorphic Province. The Amador Valley slopes generally to the south toward Alameda Creek. The Livermore Valley slopes generally westward and intersects the Amador Valley. Materials underlying the site area are Quaternary-age alluvial sediments that were deposited by erosion from upland surfaces bordering the Livermore Valley. These sediments are weakly indurated and consist of interbedded mudstone, sandstone, and pebble conglomerate (Dibblee and Darrow 1981). The pebble conglomerate is a significant regional formation known as the Livermore Gravels. In the area of the subject site these sediments are estimated to be as much as several hundred feet thick. Bedrock at depth beneath these sediments consists of Cretaceous-aged deep sea sedimentary fan deposits of the Great Valley Sequence.

The site is located in the Dublin sub-basin, which is in the western part of the Livermore Valley groundwater basin (DWR 1963). The unconsolidated to semi-consolidated alluvium in the valley is the main groundwater-bearing zone in the Livermore Valley groundwater basin, which is under unconfined conditions. Runoff from adjacent highlands and seepage from local streams recharge the alluvial aquifer. The regional groundwater flow follows the topography, moving from areas of higher elevation to areas of lower elevation. The direction of groundwater flow in the area of the site is generally eastward toward the center of the Amador-Livermore Valley.

The nearest surface water body to the site is an intermittent creek that drains Martin Canyon, located approximately 0.25 miles to the northwest. Dublin Creek, also an intermittent stream, is located approximately 0.5 miles to the south (Figure 1).

3. SUBSURFACE INVESTIGATION

3.1 LOCATION OF BORINGS

ETIC observed the installation of four geoprobe borings, B5-B8, on 26 February 2003. Prior to drilling, offsite access was obtained from the owner of the adjacent property and a drilling permit (#23006) was obtained from the Zone 7 Water Agency. A copy of the permit is provided in Appendix C. The borings were installed east-southeast of the site, in the assumed downgradient direction. The locations of the borings are shown on Figure 2.

3.2 DRILLING OF SOIL BORINGS AND SOIL SAMPLING

Soil borings B5 through B8 were installed on 26 February 2003 by Vironex of San Leandro, California (C57 license #705927), using the macro core method. The borings were completed to depths ranging from 25 to 30 feet bgs. The boreholes were hand augered to 5 feet bgs to ensure that there were no obstructions near the potential path of the push rods. The boreholes were continuously logged from the base of the hand augered hole to the total depth, and soil samples were collected continuously from each boring to characterize subsurface lithology. Macro core boring installation and sampling protocols are summarized in Appendix D.

Soil samples were collected in polyethylene terephthalate glycol liners. The samples were examined for soil characteristics and screened in the field with an organic vapor analyzer (OVA) to determine the relative hydrocarbon content. The soils are described and the OVA readings are shown on the soil boring logs presented in Appendix E. Selected soil samples were sealed with Teflon tape, capped, labeled, and placed in a cooler filled with ice for delivery to TestAmerica, Inc. in Nashville, Tennessee, a certified laboratory, for chemical analysis. Standard chain-of-custody procedures were followed. Soil sample collection protocols are described in Appendix D.

Upon removal of sampling equipment, each boring was grouted with a cement grout containing less than 5 percent pure sodium bentonite.

3.3 GROUNDWATER SAMPLE COLLECTION

Groundwater sampling for borings B5-B8 was attempted at the depth of first encountered groundwater by the openhole/bailer method and from deeper permeable zones using the hydropunch method. Table 5 summarizes groundwater sampling attempts.

To collect first encountered groundwater samples, the casing was driven to the anticipated depth of first groundwater, the soil sample barrel and rods were removed, and groundwater was allowed to enter the boring. If groundwater did not enter the borehole within 5 minutes, the soil sample barrel and rods were reintroduced to the borehole, and further advanced to a more permeable zone to collect first water.

Additional depth-specific groundwater samples were collected using the hydropunch method at depths presented in Table 5. Hydropunch groundwater samples were collected from a separate borehole located less than 2 feet from each original borehole. The hydropunch method is described

in Appendix D. Groundwater sampling depths were chosen based on lithologies observed in the original borehole.

Once depth-discrete groundwater entered the hydropunch tool, a sample was collected using factory cleaned tubing with a check valve. The samples were poured into 32-ounce amber bottles and volatile organic analysis vials, which were labeled and placed in an ice-filled cooler for delivery to TestAmerica, Inc. in Nashville, Tennessee, a certified laboratory, for chemical analysis. Standard chain-of-custody procedures were followed. Groundwater sample collection protocols are described in Appendix D.

3.4 WASTE CONTAINMENT AND DISPOSAL

All soil cuttings were placed in one 55-gallon drum, labeled, and temporarily stored at the site. Soil samples were collected from the cuttings and submitted for analysis to TestAmerica, Inc. in Nashville, Tennessee. The samples were composited into one sample in the laboratory and analyzed for TPH-g, BTEX, and total lead, to determine the appropriate disposal at an ExxonMobil-approved facility. A copy of the laboratory analytical report and chain-of-custody documentation is included in Appendix F. The soil will be removed from the site by Dillard Environmental Services of Byron, California, and transported to the Republic Services Landfill in Livermore, California, for disposal.

Rinsate water accumulated during drilling and equipment decontamination activities was collected in one 55-gallon drum, labeled, and stored onsite. The rinsate water will be transported by Service Station Systems of San Jose, California, to the Crosby and Overton, Inc. treatment facility in Long Beach, California.

4. RESULTS

4.1 SITE GEOLOGY AND HYDROGEOLOGY

The site geology has been evaluated to a depth of 30 feet bgs using data collected during this investigation and previous investigations. The subsurface is characterized by alluvial sediments consisting of clays, silts, sands, and gravels. The soil encountered offsite generally consists of silty clay to approximately 5 feet bgs, clayey silt/sandy silt to a depth of 17 feet bgs, a sandy silt/sand layer to a depth of 28 feet bgs, and silty clay to a depth of 30 feet bgs. Discontinuous sand layers were encountered from approximately 11 to 16 feet bgs. Groundwater was first encountered in the sandy silt layer at a depth of approximately 9 feet bgs. Detailed soil descriptions are presented on the boring logs in Appendix E.

Figure 3 shows the results from the January 2003 quarterly monitoring event. The direction of groundwater flow has historically been to the southeast with a hydraulic gradient ranging from 0.003 to 0.004. The depth to water in wells MW5-MW7 has ranged from 10.19 feet (MW7, 1/24/03) to 14.14 feet (MW5, 11/5/01).

4.2 SOIL SAMPLE ANALYTICAL METHODS AND RESULTS

Selected soil samples were collected for laboratory analysis from borings B5 through B8. The soil samples were submitted to Test America, Inc. in Nashville, Tennessee, and analyzed for TPH-g and TPH-d by EPA Method 8015B, BTEX by EPA Method 8021B, and MTBE, ETBE, TAME, DIPE, TBA, EDB, and 1,2-DCA by EPA Method 8260B. The analytical results for the soil samples collected during the current investigation are presented in Table 1. Copies of the laboratory analytical reports and chain-of-custody documentation are provided in Appendix F.

Ethylbenzene, xylenes, TPH-g, TPH-d, ETBE, TAME, DIPE, TBA, EDB, and 1,2-DCA were not detected in any of the soil samples at concentrations equal to or above laboratory reporting limits. MTBE was detected at concentrations of 0.0291 mg/kg (10-10.5 feet bgs) and 0.0047 mg/kg (22.5-23 feet bgs) in B5, and 0.0068 mg/kg in B6 (10-10.5 feet bgs). MTBE was not detected in B7 and B8. Benzene was detected at concentrations of 0.001 mg/kg in B5 (14.5-15 feet bgs, 22.5-23 feet bgs), B6 (19.5-20 feet bgs), and B7 (16.5-17 feet bgs), and at 0.002 mg/kg in B8 (23-23.5 feet bgs). Toluene was detected at concentrations of 0.001 mg/kg in B5 (14.5-15 feet bgs), and 0.003 mg/kg in B8 (23-23.5 feet bgs). Toluene was not detected in B6 and B7.

4.3 GROUNDWATER SAMPLE ANALYTICAL METHODS AND RESULTS

One to two depth discrete groundwater samples were collected from each boring at depth intervals ranging from 15-24 feet bgs. The samples were submitted to TestAmerica, Inc. in Nashville, Tennessee, and analyzed for TPH-g and TPH-d by EPA Method 8015B, BTEX by EPA Method 8021B, and MTBE, ETBE, TAME, DIPE, TBA, EDB, and 1,2-DCA by EPA Method 8260B. The analytical results for the groundwater samples collected during the current investigation are presented in Table 4 and Figure 4. Copies of the laboratory analytical reports and chain-of-custody documentation are provided in Appendix F.

BTEX, TPH-g, ETBE, TAME, DIPE, TBA, EDB, and 1,2-DCA were not detected in any of the groundwater grab samples at concentrations equal to or above laboratory reporting limits. MTBE was detected at concentrations of 35.3 µg/L (15 feet bgs) and 8.10 µg/L (21-24 feet bgs) in B5, 2.10 µg/L (20 feet bgs) in B6, and 1.40 µg/L (17 feet bgs) and 2.40 µg/L (21-24 feet bgs) in B8. MTBE was not detected in B7. TPH-d was detected at concentrations of 61 µg/L (15 feet bgs) and 116 µg/L (21-24 feet bgs) in B5, and 66 µg/L (19-21 feet bgs) in B7. TPH-d was not detected in B6 and B8.

5. SUMMARY

In February 2003, ETIC observed the installation of four soil borings (B5-B8) in the vicinity of former Exxon RS 7-0210 to investigate the impact of MTBE to soil and groundwater offsite.

The soil encountered offsite generally consists of silty clay to approximately 5 feet bgs, sandy silt to a depth of 17 feet bgs, a sandy silt/sand layer to a depth of 28 feet bgs, and silty clay to a depth of 30 feet bgs. Discontinuous sand layers were encountered from approximately 11 feet to 16 feet bgs. Groundwater was first encountered in the sandy silt layer at a depth of approximately 9 feet bgs.

Ethylbenzene, xylenes, TPH-g, TPH-d, ETBE, TAME, DIPE, TBA, EDB, and 1,2-DCA were not detected in any of the soil samples at concentrations equal to or above laboratory reporting limits. MTBE was detected at concentrations of 0.0291 mg/kg and 0.0047 mg/kg (EPA 8260B) in B5, and 0.0068 mg/kg (EPA 8260B) in B6. MTBE was not detected in B7 and B8. Benzene was detected at concentrations of 0.001 mg/kg in soil samples from B5, B6, and B7, and at 0.002 mg/kg in a soil sample from B8. Toluene was detected at a concentration of 0.001 mg/kg in B5, and at 0.003 mg/kg in B8. Toluene was not detected in B6 and B7.

BTEX, TPH-g, ETBE, TAME, DIPE, TBA, EDB, and 1,2-DCA were not detected in any of the groundwater samples at concentrations equal to or above laboratory reporting limits. MTBE was detected at concentrations of 35.3 µg/L and 8.10 µg/L (EPA 8260B) in B5, 2.10 µg/L (EPA 8260B) in B6, and 1.40 µg/L and 2.40 µg/L (EPA 8260B) in B8. MTBE was not detected in B7. TPH-d was detected at concentrations of 61 µg/L and 116 µg/L in B5, and 66 µg/L in B7. TPH-d was not detected in B6 and B8.

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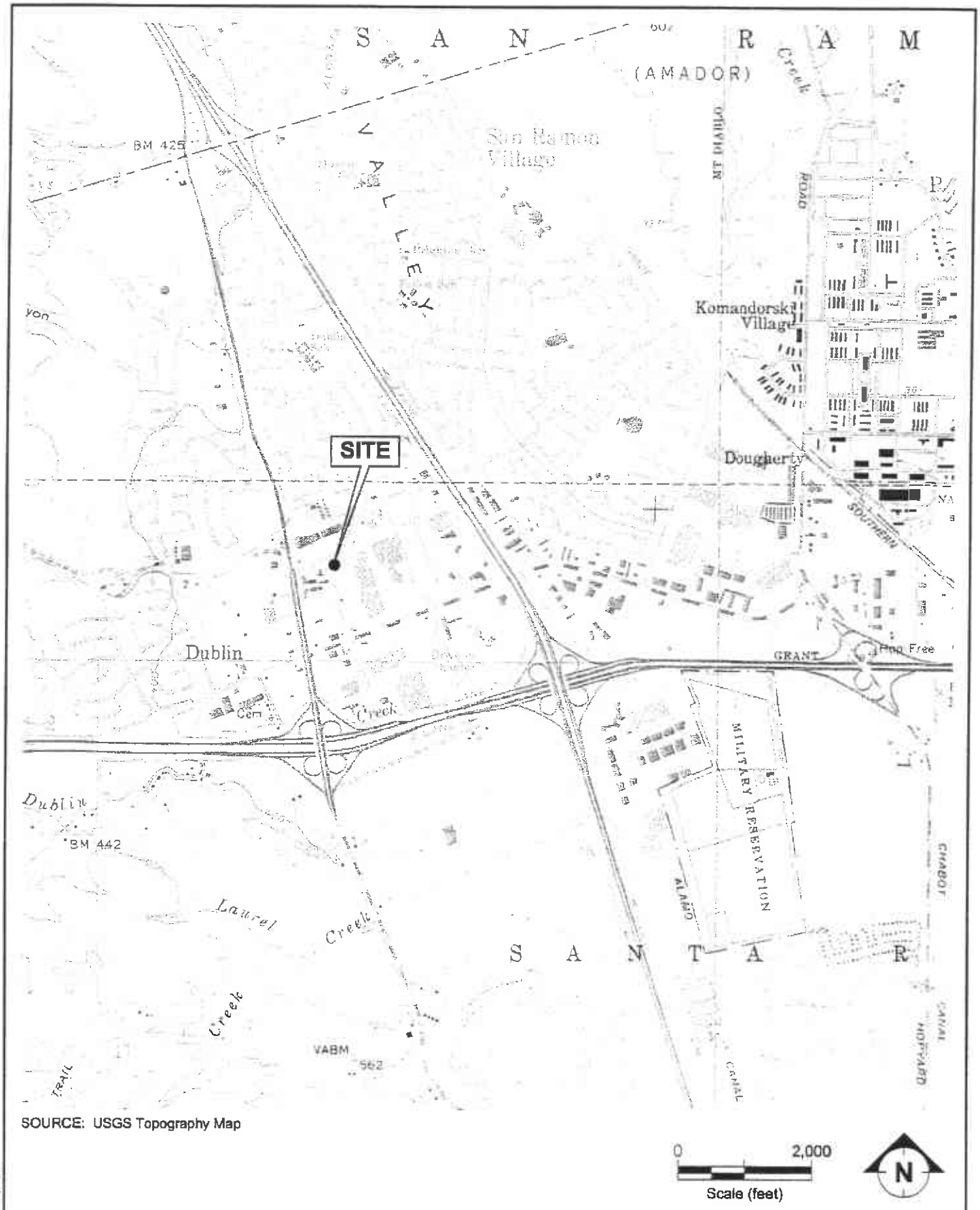
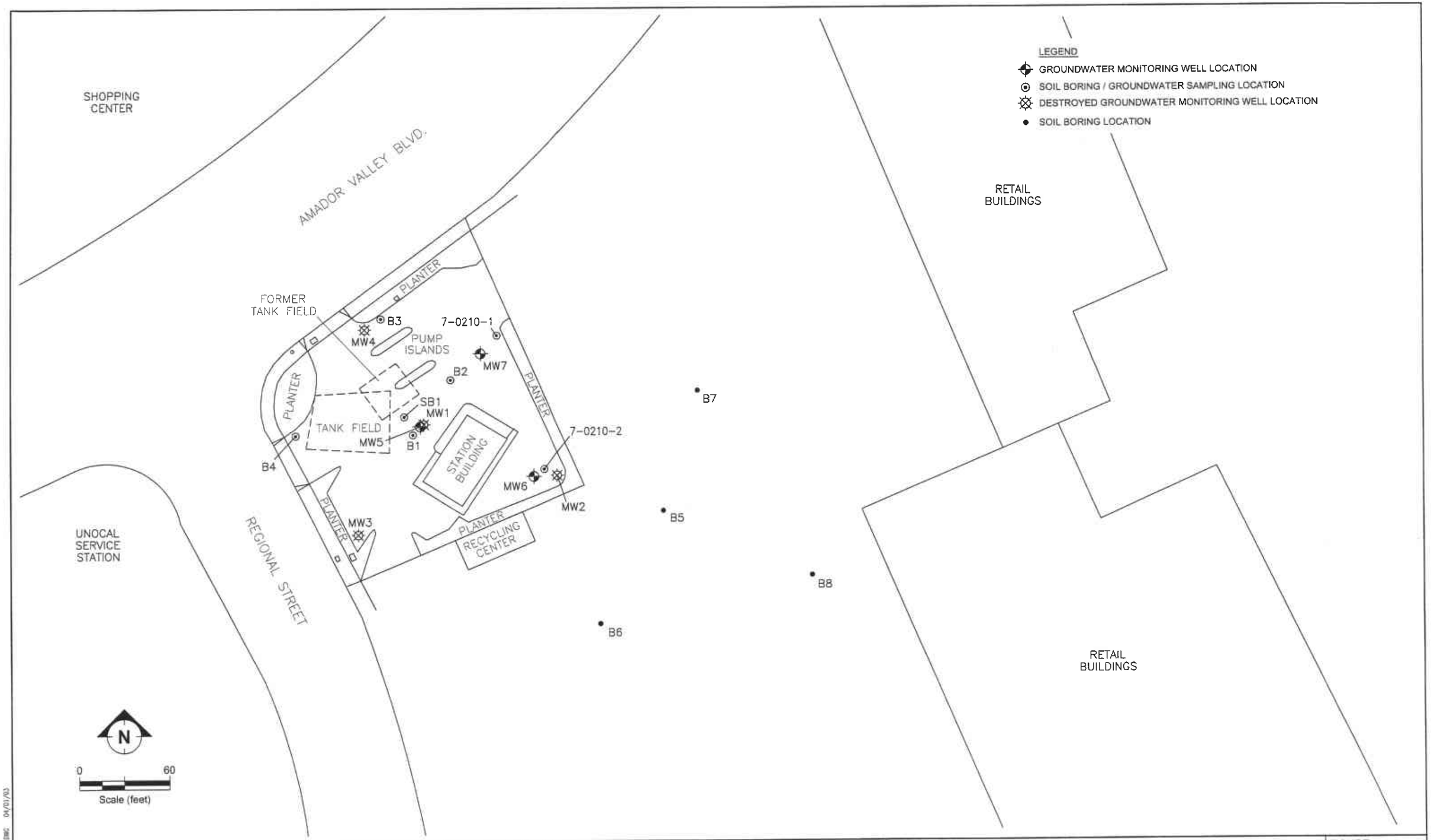


SOURCE: USGS Topography Map

ETIC Engineering, Inc.	LOCATION AND TOPOGRAPHY MAP FORMER EXXON RS 7-0210 7840 AMADOR VALLEY BLVD. DUBLIN, CALIFORNIA	FIGURE: 1

FILENAME: TOPO0101.DWG 09/16/08



FILENAME: OFF2FIG3.DWG 04/01/03

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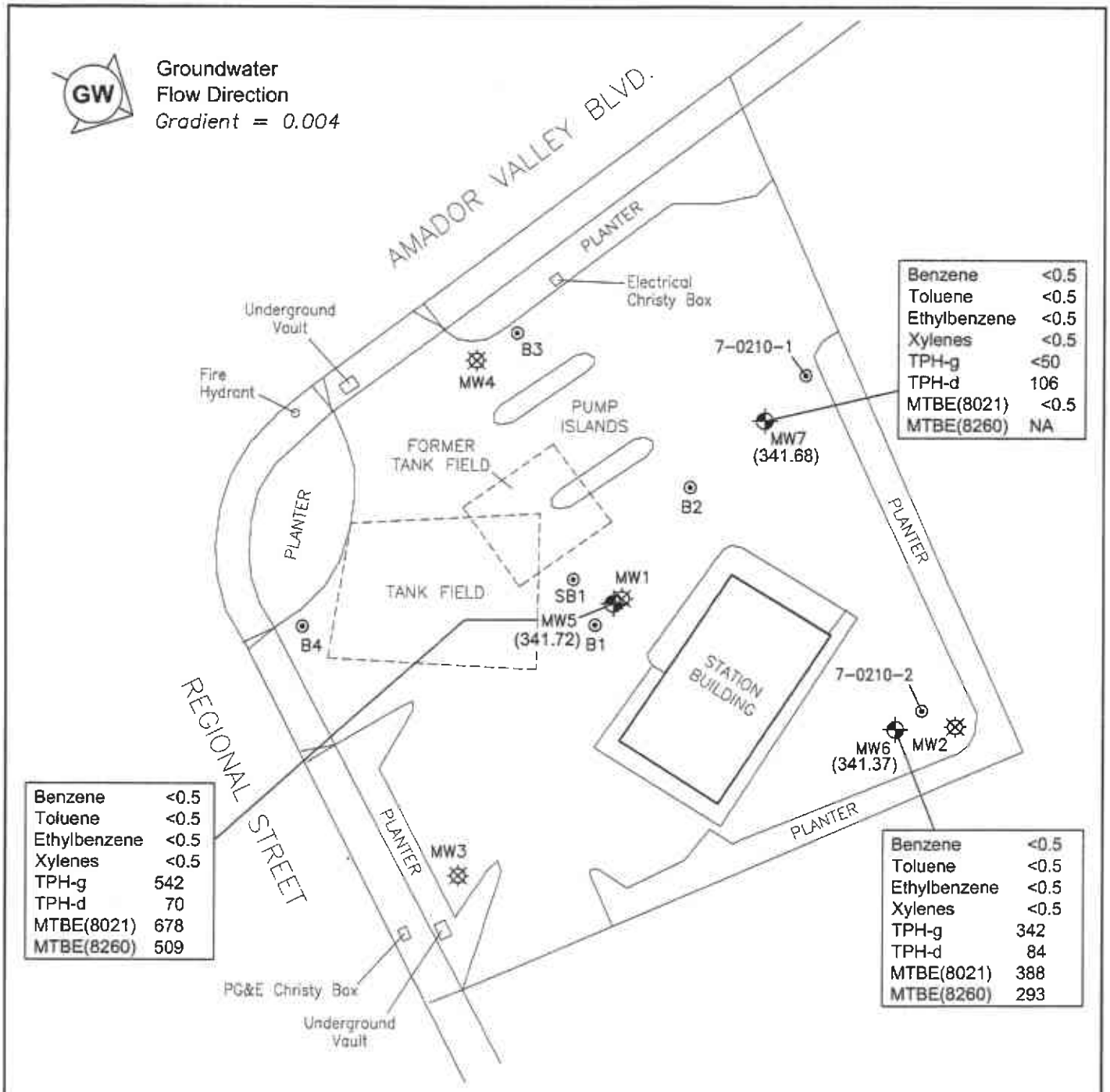
VICINITY MAP SHOWING OFFSITE BORING LOCATIONS
FORMER EXXON RS 7-0210
7840 AMADOR VALLEY BOULEVARD
DUBLIN, CALIFORNIA

FIGURE: 2



LEGEND

- GROUNDWATER MONITORING WELL LOCATION
- SOIL BORING / GROUNDWATER SAMPLING LOCATION
- DESTROYED GROUNDWATER MONITORING WELL
- (341.72) GROUNDWATER ELEVATION (FEET)
- TPH-g TOTAL PETROLEUM HYDROCARBONS AS GASOLINE
- TPH-d TOTAL PETROLEUM HYDROCARBONS AS DIESEL
- MTBE METHYL T-BUTYL ETHER
- NA NOT ANALYZED

CONCENTRATIONS IN MICROGRAMS PER LITER (ug/L).

N

0 40

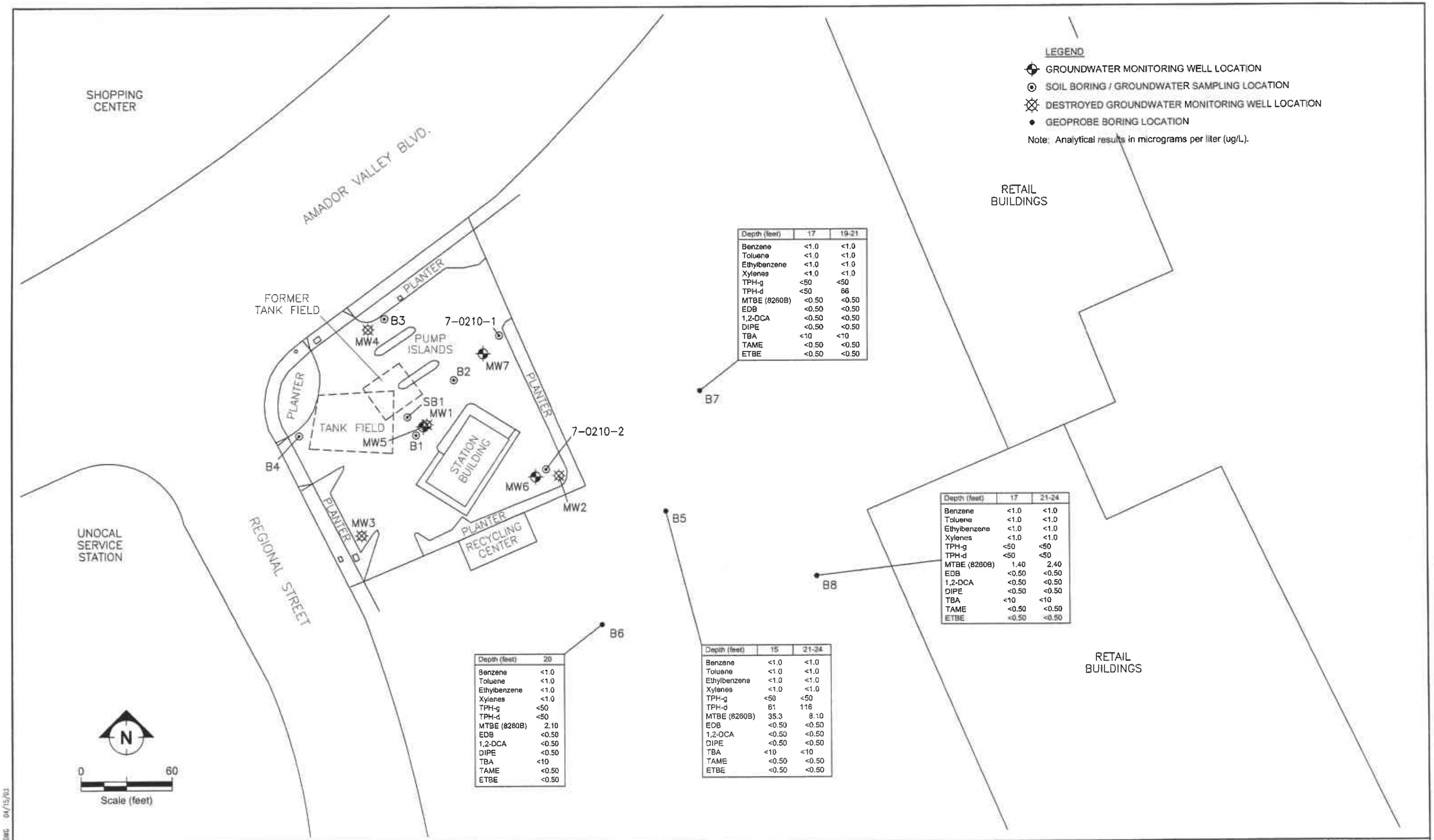
Scale (feet)

ETIC ENGINEERING

SITE PLAN SHOWING GROUNDWATER ELEVATIONS
AND ANALYTICAL RESULTS
FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BLVD., DUBLIN, CA.
24 JANUARY 2003

FIGURE: **3**

FILENAME: 1Q2003 v2.DWG 04/21/03



Depth (feet)	17	19-21
Benzene	<1.0	<1.0
Toluene	<1.0	<1.0
Ethylbenzene	<1.0	<1.0
Xylenes	<1.0	<1.0
TPH-g	<50	<50
TPH-d	<50	86
MTBE (8260B)	<0.50	<0.50
EDB	<0.50	<0.50
1,2-DCA	<0.50	<0.50
DIPE	<0.50	<0.50
TBA	<10	<10
TAME	<0.50	<0.50
ETBE	<0.50	<0.50

Depth (feet)	17	21-24
Benzene	<1.0	<1.0
Toluene	<1.0	<1.0
Ethylbenzene	<1.0	<1.0
Xylenes	<1.0	<1.0
TPH-g	<50	<50
TPH-d	<50	<50
MTBE (8260B)	1.40	2.40
EDB	<0.50	<0.50
1,2-DCA	<0.50	<0.50
DIPE	<0.50	<0.50
TBA	<10	<10
TAME	<0.50	<0.50
ETBE	<0.50	<0.50

Depth (feet)	20
Benzene	<1.0
Toluene	<1.0
Ethylbenzene	<1.0
Xylenes	<1.0
TPH-g	<50
TPH-d	<50
MTBE (8260B)	2.10
EDB	<0.50
1,2-DCA	<0.50
DIPE	<0.50
TBA	<10
TAME	<0.50
ETBE	<0.50

Depth (feet)	15	21-24
Benzene	<1.0	<1.0
Toluene	<1.0	<1.0
Ethylbenzene	<1.0	<1.0
Xylenes	<1.0	<1.0
TPH-g	<50	<50
TPH-d	61	116
MTBE (8260B)	35.3	8.10
EDB	<0.50	<0.50
1,2-DCA	<0.50	<0.50
DIPE	<0.50	<0.50
TBA	<10	<10
TAME	<0.50	<0.50
ETBE	<0.50	<0.50

ETIC ENGINEERING

GROUNDWATER ANALYTICAL RESULTS FOR OFFSITE BORINGS
FORMER EXXON RS 7-0210
7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA
26 FEBRUARY 2003

FIGURE: 4

FILENAME: OFFSITE0303.DWG 04/15/03

TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Sample ID	Date	Sample Depth (ft bgs)	Concentration (mg/kg) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	MTBE	MTBE 8260B	Organic lead	TOC (%)	ETBE	TAME	DIPE	TBA	EDB	1,2-DCA
SB-1	10/16/91	5.5-6	<0.001	<0.001	<0.001	<0.001	<0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		10-10.5	<0.001	<0.001	<0.001	<0.001	<0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		15.5-16	0.045	0.15	0.67	2	69	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG1	10/30/91	12	<0.005	<0.005	0.009	0.007	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG2	10/30/91	13	0.25	0.75	3.2	14	440	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG3	10/30/91	15	0.023	0.074	0.064	0.21	7.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG4	10/30/91	14	1.2	8.8	17	98	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG5	10/30/91	15	0.025	<0.005	0.037	0.044	13	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG6	10/30/91	14	0.046	<0.005	0.13	0.075	21	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG7	10/30/91	13	<0.005	<0.005	<0.005	0.038	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG8	10/30/91	15	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG9	10/30/91	16	0.68	0.69	5.7	21	300	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG10	10/30/91	16	0.01	<0.005	0.052	0.13	2.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
TG11	10/30/91	16	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PL1	10/30/91	2.5	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PL2	10/30/91	2.5	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PL3	10/30/91	2.5	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PL4	10/30/91	2.5	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PL5	10/30/91	2.5	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PL6	10/30/91	2.5	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NP1	10/31/00	14	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NP2	10/31/00	14	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NP3	10/31/00	14	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
NP4	10/31/00	14	<0.005	<0.005	<0.005	<0.005	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW1	5/14/92	10.5-11	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	NA	NA	0.25	NA	NA	NA	NA	NA	NA	NA
		14-14.5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	NA	NA	0.2	NA	NA	NA	NA	NA	NA	NA
MW2	5/13/92	11-11.5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		14.5-15	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW3	5/13/92	11-11.5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		15.5-16	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW4	5/14/92	11-11.5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
		14.5-15	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
B1	11/16/98	5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.1	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/03/98	10-11	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/03/98	15-16	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	0.78	NA	NA	NA	NA	NA	NA	NA	NA	NA

TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Sample ID	Date	Sample Depth (ft bgs)	Concentration (mg/kg) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	MTBE	MTBE 8260B	Organic lead	TOC (%)	ETBE	TAME	DIPE	TBA	EDB	1,2-DCA
B2	11/16/98	5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.1	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/03/98	10-11	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/03/98	14-15	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
B3	11/16/98	5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	2.1	<0.025	NA	NA	NA						
	12/03/98	10-11	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/03/98	12-12.5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/03/98	19-20	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
B4	11/16/98	5	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	1.3	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/03/98	8-9	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
	12/03/98	15-16	<0.0050	<0.0050	<0.0050	<0.0050	<1.0	NA	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW5	11/15/00	9.5-10	<0.001	<0.001	0.0033	0.0038	<1.0	NA	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA
		13-13.5	<0.001	<0.001	<0.001	<0.001	<1.0	NA	0.023	<0.01	NA	NA	NA	NA	NA	NA	NA	NA
MW6	11/14/00	10-10.5	<0.001	<0.001	<0.001	<0.001	<1.0	NA	<0.001	NA	NA	0.257	NA	NA	NA	NA	NA	NA
		13-13.5	<0.001	<0.001	<0.001	0.001	<1.0	NA	0.018	<0.01	NA	NA	NA	NA	NA	NA	NA	NA
MW7	11/14/00	10-10.5	<0.001	<0.001	<0.001	<0.001	<1.0	NA	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA
		13.5-14	<0.001	<0.001	<0.001	<0.001	<1.0	NA	<0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA
B5	**2/26/03**	**10-10.5**	**<0.001**	**<0.001**	**<0.001**	**<0.001**	**<5**	**<9.92**	**NA**	**0.0291**	**NA**	**NA**	**<0.002**	**<0.002**	**<0.01**	**<0.05**	**<0.002**	**<0.002**
	2/26/03	**14.5-15**	**0.001**	**0.001**	**<0.001**	**<0.001**	**<5**	**<10.1**	**NA**	**<0.002**	**NA**	**NA**	**<0.002**	**<0.002**	**<0.01**	**<0.05**	**<0.002**	**<0.002**
	2/26/03	**22.5-23**	**0.001**	**<0.001**	**<0.001**	**<0.001**	**<5**	**<9.92**	**NA**	**0.0047**	**NA**	**NA**	**<0.002**	**<0.002**	**<0.01**	**<0.05**	**<0.002**	**<0.002**
B6	**2/26/03**	**10-10.5**	**<0.001**	**<0.001**	**<0.001**	**<0.001**	**<5**	**<10.1**	**NA**	**0.0068**	**NA**	**NA**	**<0.002**	**<0.002**	**<0.01**	**<0.05**	**<0.002**	**<0.002**
	2/26/03	**16.5-17**	**<0.001**	**<0.001**	**<0.001**	**<0.001**	**<5**	**<9.96**	**NA**	**<0.002**	**NA**	**NA**	**<0.002**	**<0.002**	**<0.01**	**<0.05**	**<0.002**	**<0.002**
	2/26/03	**19.5-20**	**0.001**	**<0.001**	**<0.001**	**<0.001**	**<5**	**<10.1**	**NA**	**<0.002**	**NA**	**NA**	**<0.002**	**<0.002**	**<0.01**	**<0.05**	**<0.002**	**<0.002**
	2/26/03	**26.5-27**	**<0.001**	**<0.001**	**<0.001**	**<0.001**	**<5**	**<10.1**	**NA**	**<0.002**	**NA**	**NA**	**<0.002**	**<0.002**	**<0.01**	**<0.05**	**<0.002**	**<0.002**
B7	**2/26/03**	**10-10.5**	**<0.001**	**<0.001**	**<0.001**	**<0.001**	**<5**	**<10**	**NA**	**<0.002**	**NA**	**NA**	**<0.002**	**<0.002**	**<0.01**	**<0.05**	**<0.002**	**<0.002**
	2/26/03	**16.5-17**	**0.001**	**<0.001**	**<0.001**	**<0.001**	**<5**	**<10**	**NA**	**<0.002**	**NA**	**NA**	**<0.002**	**<0.002**	**<0.01**	**<0.05**	**<0.002**	**<0.002**
	2/26/03	**20-20.5**	**<0.001**	**<0.001**	**<0.001**	**<0.001**	**<5**	**<9.92**	**NA**	**<0.002**	**NA**	**NA**	**<0.002**	**<0.002**	**<0.01**	**<0.05**	**<0.002**	**<0.002**
B8	**2/26/03**	**10-10.5**	**<0.05**	**<0.05**	**<0.05**	**<0.05**	**<50**	**<10**	**NA**	**<0.002**	**NA**	**NA**	**<0.002**	**<0.002**	**<0.01**	**<0.05**	**<0.002**	**<0.002**
	2/26/03	**15-15.5**	**<0.001**	**<0.001**	**<0.001**	**<0.001**	**<5**	**<9.88**	**NA**	**<0.002**	**NA**	**NA**	**<0.002**	**<0.002**	**<0.01**	**<0.05**	**<0.002**	**<0.002**
	2/26/03	**17-17.5**	**<0.001**	**<0.001**	**<0.001**	**<0.001**	**<5**	**<9.92**	**NA**	**<0.002**	**NA**	**NA**	**<0.002**	**<0.002**	**<0.01**	**<0.05**	**<0.002**	**<0.002**
	2/26/03	**23-23.5**	**0.002**	**0.003**	**<0.001**	**<0.001**	**<5**	**<10**	**NA**	**<0.002**	**NA**	**NA**	**<0.002**	**<0.002**	**<0.01**	**<0.05**	**<0.002**	**<0.002**

ft bgs Feet below ground surface.
TPH-g Total Petroleum Hydrocarbons as gasoline.

TABLE 1 SOIL SAMPLE ANALYTICAL RESULTS, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Sample ID	Date	Sample Depth (ft bgs)	Concentration (mg/kg) Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	MTBE	MTBE 8260B	Organic lead	TOC (%)	ETBE	TAME	DIPE	TBA	EDB	1,2-DCA

TPH-d Total Petroleum Hydrocarbons as diesel.
TOC Total organic carbon.
MTBE Methyl t-butyl ether.
1,2-DCA 1,2-Dichloroethane.
DIPE Di-isopropyl ether.
EDB 1,2-Dibromoethane.
ETBE tert-Butyl ethyl ether.
TAME tert-Amyl methyl ether.
TBA t-Butyl alcohol.

NA Not analyzed.
mg/kg Milligrams per kilogram.

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH-g (µg/L)	TPH-d (µg/L)	MTBE (µg/L)	Other Oxygenates and Additives (µg/L)
MW1	05/21/92	96.32	14.45	81.87	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW1	02/10/93	96.32	12.22	84.10	0.00	3.1	<0.5	1.8	0.6	2,600		NA	
MW1	05/20/93	96.32	10.74	85.58	0.00	1.9	<0.5	1.8	<1.0	1,000		NA	
MW1	06/23/93	96.32	11.74	84.58	0.00	1.0	<0.5	1.2	<0.5	1,300		NA	
MW1	08/23/93	96.32	12.72	83.60	0.00	<0.5	<0.5	<0.5	0.8	80		NA	
MW1	10/25/93	96.32	13.99	82.33	0.00	<0.5	<0.5	0.8	1.3	140		NA	
MW1	02/16/94	96.32	14.90	81.42	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW1	04/16/94	96.32	14.49	81.83	0.00	<0.5[b]	<0.5	<0.5	<0.5	190		NA	
MW1	07/26/94	96.32	15.11	81.21	0.00	<0.5[b]	<0.5	<0.5	<0.5	130		NA	
MW1	10/05/94	96.32	15.69	80.63	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW1	01/04/95	96.32	14.66	81.66	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW1	06/12/95	96.32	10.08	86.24	0.00	<0.5	<0.5	<0.5	<0.5	<50		230	
MW1			Well destroyed April 1996.										
MW2	05/21/92	95.91	14.30	81.61	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW2	02/10/93	95.91	12.34	83.57	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW2	05/20/93	95.91	10.73	85.18	0.00	<0.5	<0.5	<0.5	<1.0	320		NA	
MW2	06/23/93	95.91	11.74	84.17	0.00	<0.5	<0.5	<0.5	<0.5	130		NA	
MW2	08/23/93	95.91	12.60	83.31	0.00	<0.5	<0.5	<0.5	1.1	140		NA	
MW2	10/25/93	95.91	13.86	82.05	0.00	<0.5	<0.5	0.5	2.4	75		NA	
MW2	02/16/94	95.91	14.73	81.18	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW2	04/16/94	95.91	14.33	81.58	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW2	07/26/94	95.91	14.96	80.95	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW2	10/05/94	95.91	15.49	80.42	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW2	01/04/95	95.91	14.44	81.47	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW2	06/12/95	95.91	10.10	85.81	0.00	<0.5	<0.5	<0.5	<0.5	<50		59	

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH-g (µg/L)	TPH-d (µg/L)	MTBE (µg/L)	Other Oxygenates and Additives (µg/L)
MW2			Well destroyed April 1996.										
MW3	05/21/92	97.95	16.05	81.90	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW3	02/10/93	97.95	13.77	84.18	0.00	<0.5	<0.5	<0.5	0.7	<50		NA	
MW3	05/20/93	97.95	12.32	85.63	0.00	<0.5	<0.5	<0.5	<1.0	<50		NA	
MW3	06/23/93	97.95	13.34	84.61	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW3	08/23/93	97.95	14.30	83.65	0.00	2.3	1.2	1.4	4.1	<50		NA	
MW3	10/25/93	97.95	15.62	82.33	0.00	NS	NS	NS	NS	NS		NS	
MW3	02/16/94	97.95	16.48	81.47	0.00	NS	NS	NS	NS	NS		NS	
MW3	04/16/94	97.95	16.61	81.34	0.00	NS	NS	NS	NS	NS		NS	
MW3	07/26/94	97.95	16.72	81.23	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW3	10/05/94	97.95	17.33	80.62	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW3	01/04/95	97.95	16.29	81.66	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW3	06/12/95	97.95	11.67	86.28	0.00	<0.5	<0.5	<0.5	<0.5	<50		<2.5	
MW3			Well destroyed April 1996.										
MW4	05/21/92	96.69	14.59	82.10	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW4	02/10/93	96.69	12.30	84.39	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW4	05/20/93	96.69	10.75	85.94	0.00	1.4	1.0	<0.5	1.8	<50		NA	
MW4	06/23/93	96.69	11.78	84.91	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW4	08/23/93	96.69	12.82	83.87	0.00	<0.5	<0.5	<0.5	0.8	<50		NA	
MW4	10/25/93	96.69	14.10	82.59	0.00	NS	NS	NS	NS	NS		NS	
MW4	02/16/94	96.69	15.02	81.67	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW4	04/16/94	96.69	14.61	82.08	0.00	NS	NS	NS	NS	NS		NS	
MW4	07/26/94	96.69	15.23	81.46	0.00	<0.5	<0.5	<0.5	<0.5	<50		NA	
MW4	10/05/94	96.69	15.85	80.84	0.00	<0.5	12	<0.5	<0.5	<50		NA	

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH-g (µg/L)		TPH-d (µg/L)	MTBE (µg/L)	Other Oxygenates and Additives (µg/L)
MW4	01/04/95	96.69	14.84	81.85	0.00	<0.5	<0.5	<0.5	<0.5	<50			NA	
MW4	06/12/95	96.69	10.07	86.62	0.00	<0.5	<0.5	<0.5	<0.5	<50			<2.5	
MW4			Well destroyed April 1996.											
MW5	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION												
MW5	11/17/00	352.93	13.51	339.42	0.00	<0.5	<0.5	<0.5	2.46	240			1,500	
MW5	11/17/00	352.93											1,600[a]	
MW5	02/02/01	352.93	13.81	339.12	0.00	<0.5	<0.5	<0.5	<0.5	110			1,400	
MW5	02/02/01	352.93											1,200[a]	
MW5	05/09/01	352.93	12.20	340.73	0.00	<0.5	<0.5	<0.5	<0.5	<50			770[a]	ND[c]
MW5	09/12/01	352.93	13.84	339.09	0.00	<0.5	<0.5	<0.5	<0.5	100			760	NA
MW5	09/12/01	352.93											800[a]	
MW5	11/05/01	352.95	14.14	338.81	0.00	<0.5	<0.5	<0.5	0.61	70		86	510	NA
MW5	11/05/01	352.95											420[a]	
MW5	02/04/02	352.95	11.85	341.10	0.00	<0.5	<0.5	<0.5	<0.5	381	d	<50	630	NA
MW5	02/04/02	352.95											525[a]	
MW5	04/26/02	352.95	11.75	341.20	0.00	<0.5	<0.5	<0.5	<0.5	322	d	<50	378	NA
MW5	04/26/02	352.95											312[a]	
MW5	07/30/02	352.95	12.87	340.08	0.00	<0.5	<0.5	<0.5	<0.5	97.8	d	<50	126	NA
MW5	07/30/02	352.95											132[a]	
MW5	11/05/02	352.95	14.13	338.82	0.00	<0.5	<0.5	<0.5	<0.5	74.2	d	<50	80.0	NA
MW5	11/05/02	352.95											96.4[a]	
MW5	01/24/03	352.95	11.23	341.72	0.00	<0.5	<0.5	<0.5	<0.5	542	d	70	678	NA
MW5	01/24/03	352.95											509[a]	
MW6	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION												

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH-g (µg/L)		TPH-d (µg/L)	MTBE (µg/L)	Other Oxygenates and Additives (µg/L)
MW6	11/17/00	352.66	13.47	339.19	0.00	<0.5	<0.5	<0.5	<0.5	<50			270	
MW6	11/17/00	352.66											260[a]	
MW6	02/02/01	352.66	13.79	338.87	0.00	<0.5	<0.5	<0.5	<0.5	<50			160	
MW6	02/02/01	352.66											130[a]	
MW6	05/09/01	352.66	12.25	340.41	0.00	<0.5	<0.5	<0.5	<0.5	<50			760[a]	ND[c]
MW6	09/12/01	352.66	13.83	338.83	0.00	<0.5	<0.5	<0.5	<0.5	<50			680	NA
MW6	09/12/01	352.66											740[a]	
MW6	11/05/01	352.69	14.11	338.58	0.00	<0.5	<0.5	<0.5	<0.5	<50		<50	390	NA
MW6	11/05/01	352.69											320[a]	
MW6	02/27/02	352.69	11.77	340.92	0.00	<5.0	<5.0	8.00	<5.0	1,380	d	NA	1,310	ND[c]
MW6	02/27/02	352.69											1,410[a]	
MW6	04/26/02	352.69	11.75	340.94	0.00	<0.5	<0.5	<0.5	<0.5	422	d	<50	482	NA
MW6	04/26/02	352.69											430[a]	
MW6	07/30/02	352.69	12.88	339.81	0.00	<2.5	<2.5	<2.5	<2.5	144	d	<50	166	NA
MW6	07/30/02	352.69											185[a]	
MW6	11/05/02	352.69	14.12	338.57	0.00	<0.5	<0.5	<0.5	<0.5	99.7	d	<50	114	NA
MW6	11/05/02	352.69											118[a]	
MW6	01/24/03	352.69	11.32	341.37	0.00	<0.5	<0.5	<0.5	<0.5	342	d	84	388	NA
MW6	01/24/03	352.69											293[a]	
MW7	06/15/00	STATION OPERATIONS TRANSFERRED TO VALERO ENERGY CORPORATION												
MW7	11/17/00	351.86	12.44	339.42	0.00	<0.5	<0.5	<0.5	<0.5	<50			<0.5	
MW7	02/02/01	351.86	12.74	339.12	0.00	<0.5	<0.5	<0.5	<0.5	<50			<0.5	
MW7	05/09/01	351.86	11.15	340.71	0.00	<0.5	<0.5	<0.5	<0.5	<50			<5[a]	ND[c]
MW7	09/12/01	351.86	12.74	339.12	0.00	<0.5	<0.5	<0.5	<0.5	<50			<0.5	NA
MW7	11/05/01	351.87	13.07	338.80	0.00	<0.5	<0.5	<0.5	<0.5	<50		50	<0.5	NA

TABLE 2 GROUNDWATER MONITORING DATA, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number	Date	Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	LPH Thickness (feet)	Benzene (µg/L)	Toluene (µg/L)	Ethyl-benzene (µg/L)	Total Xylenes (µg/L)	TPH-g (µg/L)		TPH-d (µg/L)	MTBE (µg/L)	Other Oxygenates and Additives (µg/L)
MW7	02/04/02	351.87	10.79	341.08	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	5.80	NA
MW7	02/04/02	351.87											1.4[a]	
MW7	04/26/02	351.87	10.65	341.22	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	1.6	NA
MW7	07/30/02	351.87	11.77	340.10	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	<0.5	NA
MW7	11/05/02	351.87	13.04	338.83	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	<50	<0.5	NA
MW7	01/24/03	351.87	10.19	341.68	0.00	<0.5	<0.5	<0.5	<0.5	<50	d	106	<0.5	NA

a Analysis by EPA Method 8260.

b A peak eluting earlier than benzene, suspected to be MTBE.

c Other oxygenates and additives include diisopropyl ether, t-butyl alcohol, tert-amyl methyl ether, tert-butyl ethyl ether, 1,2-dibromoethane, and 1,2-dichloroethane.

d TPH-g results beginning February 2002 include MTBE.

LPH Liquid-phase hydrocarbons.

TPH-g Total Petroleum Hydrocarbons as gasoline.

TPH-d Total Petroleum Hydrocarbons as diesel.

MTBE Methyl tertiary butyl ether.

NA Not analyzed.

ND Not detected.

NS Not sampled.

µg/L Micrograms per liter.

TABLE 3 WELL CONSTRUCTION DETAILS, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Well Number		Well Installation Date	Elevation TOC (feet)	Casing Material	Total Depth (feet)	Well Depth (feet)	Borehole Diameter (inches)	Casing Diameter (inches)	Screened Interval (feet)	Slot Size (inches)	Filter Pack Interval (feet)	Filter Pack Material
MW1	a	04/14/92	96.32	PVC	26.5	24.75	10.25	4	11-24	0.010	10-25	--
MW2	a	05/13/92	95.91	PVC	26	25	10.25	4	10-25	0.010	9.5-26	--
MW3	a	05/14/92	97.95	PVC	28	27.75	10.25	4	12.5-27.5	0.010	11-28	--
MW4	a	05/14/92	96.69	PVC	26.5	25	10.25	4	12-25	0.010	11-26	--
MW5	b	11/15/00	352.95	PVC	25	25	8.25	2	10-25	0.020	7-25	#3 sand
MW6	b	11/14/00	352.69	PVC	27	25	8.25	2	10-25	0.020	8-27	#3 sand
MW7	b	11/14/00	351.87	PVC	26	25	8.25	2	10-25	0.020	7-25	#3 sand

a Well was destroyed April 1996.
b Elevation is based on the Alameda Benchmark AM-STW. Elevation = 344.17 feet.
PVC Polyvinyl chloride.
TOC Top of casing.
-- Information not available.

TABLE 4 GROUNDWATER GRAB SAMPLE ANALYTICAL RESULTS FOR TEMPORARY BORINGS, FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BLVD., DUBLIN, CALIFORNIA

			Concentration (µg/L)													
Boring	Date	Depth (feet)	Benzene	Toluene	Ethyl-benzene	Xylenes	TPH-g	TPH-d	MTBE (8021B)	MTBE (8260B)	ETBE	TAME	DIPE	TBA	EDB	1,2-DCA
B1[a]	12/3/98	--	<0.5	1.7	<0.5	<0.5	100	NA	3,500	4,000	NA	NA	NA	NA	NA	NA
B2[a]	12/3/98	--	<0.5	<0.5	<0.5	<0.5	<50	NA	28	19	NA	NA	NA	NA	NA	NA
B3[a]	12/3/98	--	<0.5	<0.5	<0.5	<0.5	<50	NA	<2.5	NA	NA	NA	NA	NA	NA	NA
B4[a]	12/3/98	--	<0.5	<0.5	<0.5	<0.5	<50	NA	<2.5	NA	NA	NA	NA	NA	NA	NA
B5	**2/26/03**	**15**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<50**	**61**	**NA**	**35.3**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**
	2/26/03	**21-24**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<50**	**116**	**NA**	**8.10**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**
B6	**2/26/03**	**20**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<50**	**<50**	**NA**	**2.10**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**
B7	**2/26/03**	**17**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<50**	**<50**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**
	2/26/03	**19-21**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<50**	**66**	**NA**	**<0.50**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**
B8	**2/26/03**	**17**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<50**	**<50**	**NA**	**1.40**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**
	2/26/03	**21-24**	**<1.0**	**<1.0**	**<1.0**	**<1.0**	**<50**	**<50**	**NA**	**2.40**	**<0.50**	**<0.50**	**<0.50**	**<10**	**<0.50**	**<0.50**

a Data from EA Engineering, 1999.

1,2-DCA 1,2-Dichloroethane.
DIPE Di-isopropyl ether.
EDB 1,2-Dibromoethane.
ETBE tert-Butyl ethyl ether.
MTBE Methyl t-butyl ether.
TAME tert-Amyl methyl ether.
TBA t-Butyl alcohol.
TPH-g Total Petroleum Hydrocarbons as gasoline.
TPH-d Total Petroleum Hydrocarbons as diesel.

NA Not analyzed.
µg/L Micrograms per liter.

TABLE 5 SUMMARY OF GROUNDWATER SAMPLING ATTEMPTS, 26 FEBRUARY 2003,
FORMER EXXON RS 7-0210, 7840 AMADOR VALLEY BOULEVARD, DUBLIN, CALIFORNIA

Boring	Depth (feet)	Time (minutes)	Comments
B5	15.0	<5	Water entered the open hole within 5 minutes.
	21.0-24.0	<5	Water entered the hydropunch within 5 minutes.
B6	15.0	5	No water entered the open hole within 5 minutes.
	17.0	5	No water entered the open hole within 5 minutes.
	20.0	<5	Water entered the open hole within 5 minutes.
	23.0-27.0	15	No water entered the hydropunch after 15 minutes.
B7	15.0	5	No water entered the open hole within 5 minutes.
	17.0	<5	Water entered the open hole within 5 minutes.
	19.0-21.0	<5	Water entered the hydropunch within 5 minutes.
	23.0-25.0	10	No water entered the hydropunch after 10 minutes.
B8	15.0	5	No water entered the open hole within 5 minutes.
	17.0	<5	Water entered the open hole within 5 minutes.
	21.0-24.0	<5	Water entered the hydropunch within 5 minutes.

Appendix A

Regulatory Correspondence

RO0002424

April 23, 2002

Mr. Gene Ortega
Exxon Mobil
2300 Clayton Road, Suite 1250
Concord, CA 94520

RE: Work Plan Approval for Former Exxon 7-0210 at 7840 Amador Valley Blvd, Dublin, CA

Dear Mr. Ortega:

I have completed review of ETIC's April 2002 *Work Plan for Offsite Subsurface Investigation* prepared for the above referenced site. The proposal to advance up to four offsite borings and collect soil and groundwater samples is acceptable. Field work should commence within 90 days of the date of this letter, or **by July 29, 2002.** Please provide at least 72 hours advance notice of field activities.

If you have any questions, I can be reached at (510) 567-6762.

eva chu
Hazardous Materials Specialist

email: Ted Moise

exxon0210-10

Appendix B

Historical Site Maps

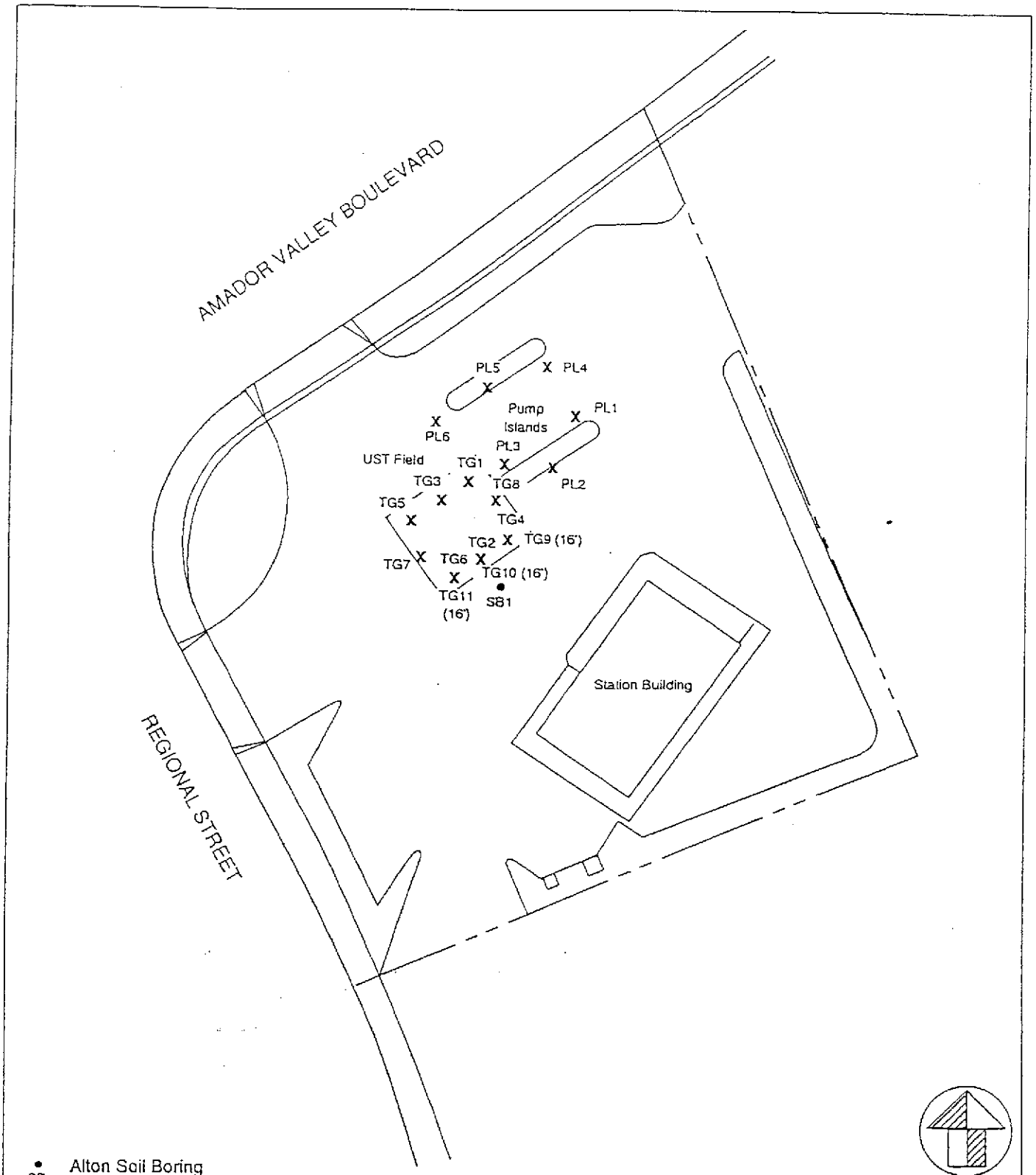


Figure 4. Location of soil boring SB1 (16 October 1991) and soil closure samples collected from the former product storage tank field and piping trenches (30 October 1991), Exxon RS 7-0210, Dublin, California.

Drawn	RK	Date	6/10/92
Reviewed		Date	
Rev. 1		Date	
Final	TKW	Date	28Oct92

MDRW/7-0210/ROI/JUN92

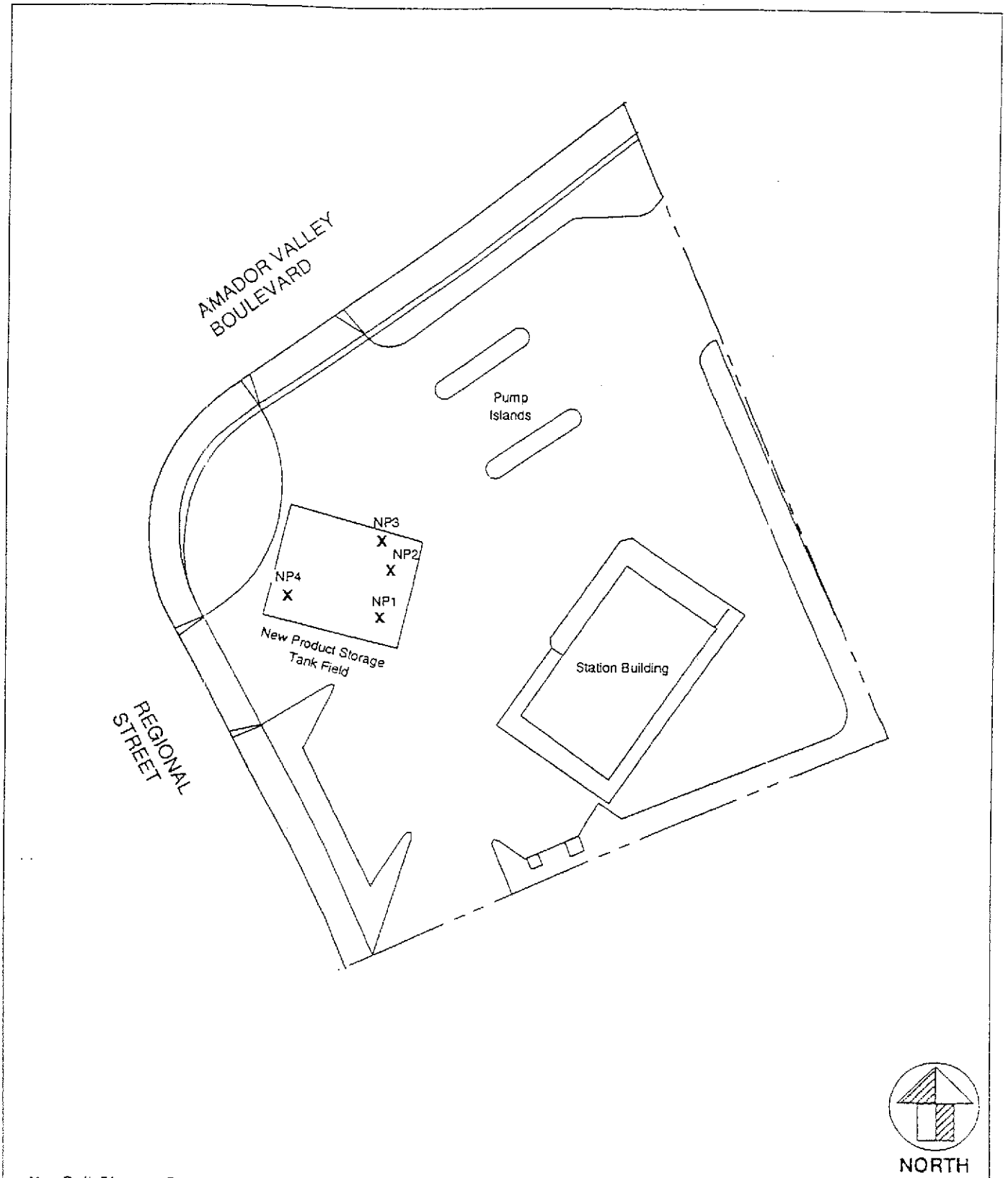


Figure 6. Location of soil closure samples collected from the new product storage tank field at Exxon RS 7-0210, 7840 Amador Valley Road, Dublin, California, 31 October 1991.

Drawn	RK	Date	11/18/91
Reviewed	JBC	Date	13 Dec 91
Rev. 1		Date	
Final	AZ	Date	16 Dec 91

ENVIRONMENTAL SERVICES
Western Division

MDRW/7-0210/ROI/NOV91

Appendix C

Drilling Permit

ZONE 7 WATER AGENCY

5997 PARKSIDE DRIVE PLEASANTON, CALIFORNIA 94588-5127 VOICE (925) 484-2600 X235 FAX (925) 462-3914

DRILLING PERMIT APPLICATION

FOR APPLICANT TO COMPLETE

LOCATION OF PROJECT 7340 Amador Valley Blvd. Dublin, CA - Offsite at 7201 Regional St. Dublin, CA

California Coordinates Source _____ ft. Accuracy± _____ ft.
CCN _____ ft. CCE _____ ft.
APN Site: 941-305-16 / offsite location: 941-305-16

CLIENT
Name Exxon Mobil Corporation
Address 2300 Clayton Rd. Ste. 1250 Phone 925-246-8747
City Concord, CA Zip 94520

APPLICANT
Name ETIC Engineering Fax 925-602-4720
Address 2285 Morello Avenue Phone 925-602-4710
City Pleasant Hill, CA Zip 94523

TYPE OF PROJECT

Well Construction		Geotechnical Investigation	
Cathodic Protection	☐	General	☐
Water Supply	☐	Contamination	☑
Monitoring	☐	Well Destruction	☐

PROPOSED WATER SUPPLY WELL USE

New Domestic	☐	Replacement Domestic	☐
Municipal	☐	Irrigation	☐
Industrial	☐	Other _____	☐

DRILLING METHOD:
Mud Rotary ☐ Air Rotary ☐ Auger ☐
Cable ☐ Other ☑

DRILLER'S LICENSE NO. C57-705927

WELL PROJECTS
Drill Hole Diameter _____ in. Maximum
Casing Diameter _____ in. Depth _____ ft.
Surface Seal Depth _____ ft. Number _____

GEOTECHNICAL PROJECTS
Number of Borings 4 Maximum
Hole Diameter 1.5 in. Depth 25 ft.

ESTIMATED STARTING DATE February 5th, 2003
ESTIMATED COMPLETION DATE February 5th, 2003

I hereby agree to comply with all requirements of this permit and Alameda County Ordinance No. 73-68.

APPLICANT'S SIGNATURE _____ Date 1/23/03

FOR OFFICE USE

PERMIT NUMBER 23006
WELL NUMBER _____
APN _____

PERMIT CONDITIONS

Circled Permit Requirements Apply

(A.) GENERAL
1. A permit application should be submitted so as to arrive at the Zone 7 office five days prior to proposed starting date.
2. Submit to Zone 7 within 60 days after completion of permitted work the original Department of Water Resources Water Well Drillers Report or equivalent for well projects, or drilling logs and location sketch for geotechnical projects.
3. Permit is void if project not begun within 90 days of approval date.

B. WATER SUPPLY WELLS
1. Minimum surface seal diameter is four inches greater than the well casing diameter.
2. Minimum seal depth is 50 feet for municipal and industrial wells or 20 feet for domestic and irrigation wells unless a lesser depth is specially approved.
3. Grout placed by tremie.
4. An access port at least 0.5 inches in diameter is required on the wellhead for water level measurements.
5. A sample port is required on the discharge pipe near the wellhead.

C. GROUNDWATER MONITORING WELLS INCLUDING PIEZOMETERS
1. Minimum surface seal diameter is four inches greater than the well or piezometer casing diameter.
2. Minimum seal depth for monitoring wells is the maximum depth practicable or 20 feet.
3. Grout placed by tremie.

(D.) GEOTECHNICAL. Backfill bore hole with compacted cuttings or heavy bentonite and upper two feet with compacted material. In areas of known or suspected contamination, tremied cement grout shall be used in place of compacted cuttings.

E. CATHODIC. Fill hole above anode zone with concrete placed by tremie.

F. WELL DESTRUCTION. See attached.

(G.) SPECIAL CONDITIONS:, Submit to Zone 7 within 60 days after completion of permitted work the well installation report **including all soil and water laboratory analysis results**.

Approved Wyman Hong Date 1/28/03
Wyman Hong

Revised: March 26, 2002

Appendix D

Field Protocols

PROTOCOLS FOR INSTALLATION, SAMPLING, AND ABANDONMENT OF MACRO CORE BORINGS

SUBSURFACE CLEARANCE SURVEY PROCEDURES

Prior to drilling, the proposed locations of borings are marked with white paint. Underground Service Alert (USA) is contacted 1 week prior to subsurface activities and a "ticket" is issued for the investigation. USA members mark underground utilities in the delineated areas using standard color code identifiers.

Once USA has marked the site, all proposed borehole locations are investigated by subsurface clearance surveys to ensure clearance of any possible buried hazards (pipelines, drums, tanks). Subsurface clearance surveys use several geophysical methods to locate shallow buried man-made objects. The geophysical methods include electromagnetic induction (EMI) profiling, ground penetrating radar (GPR), and/or magnetic surveying. The choice of methods depends on targets of interest.

SOIL CORING PROCEDURES

Prior to drilling, all boreholes are cleared by hand auger to 5-8 feet below ground surface. Soil and groundwater samples are collected for lithologic and chemical analysis using a direct driven macro core soil coring system. A hydraulic hammer is used to drive sampling rods into the ground to collect continuous soil cores.

Soil samples are collected for lithologic and chemical analysis using a direct driven single tube soil coring system. A hydraulic hammer drives sampling rods into the ground to collect continuous or discrete soil cores. As the rods are advanced, soil is driven into an approximately 1.5-inch-diameter sample barrel that is attached to the end of the rods. Soil samples are collected in a liner inside the sample barrel as the rods are advanced. After being driven 2 to 5 feet (depending on the sample interval and the length of the sample barrel), the rods are removed from the borehole. The liner containing the soil samples is removed from the sample barrel, and can then be preserved for chemical analyses or used for lithologic identification. Samples to be preserved for chemical analyses are sealed with Teflon tape and caps and placed in a cooler with ice. After adding a new liner, the drive sampler and rods are then lowered back into the borehole to the previous depth and the process is repeated until the desired depth is reached.

All drive casing, inner sample barrels, inner rods, and tools are cleaned with Alconox or equivalent detergent and deionized water. All rinsate from the cleaning is contained in DOT 55-gallon drums at the project site.

OPEN HOLE SAMPLING PROCEDURES

Once a borehole is drilled beyond the depth of first groundwater and groundwater enters the borehole, a factory-cleaned disposable bailer is used to collect a groundwater sample.

HYDROPUNCH GROUNDWATER SAMPLING PROCEDURES

After completion of a direct driven macro core soil boring, a second borehole may be advanced with a hydropunch sampler to collect additional grab groundwater samples in deeper permeable zones. The hydropunch sampler location is located within 2 feet of the direct driven macro core soil boring location. The hydropunch sampler is assembled with the expendable drive point, the drive head, the protective sheath, the inner stainless steel screen (or PVC) and the O-ring seal. A drive rod is added to the top of the sampler and the entire assembly is driven into the subsurface using the percussion of the hydraulic hammer. By adding a series of hardened steel, hollow drive rods, the sampler is advanced to the desired depth. Once the desired depth is achieved, the rods are retracted to expose the stainless steel screen to groundwater. Extraction of groundwater is performed using tubing, which is inserted down the center of the rods into the stainless screen sampler. The most common methods of extracting the groundwater are a bailer, tubing with a check valve, or a peristaltic pump, depending upon the volume desired, and the local protocols. Groundwater samples are collected in 40mL HCl preserved VOAs, labeled, and placed in a cooler with ice. If groundwater does not enter the borehole after a given period of time, the hydropunch may be pulled up a greater distance to expose more of the formation, the boring may be advanced until a zone of higher permeability is encountered, or the boring may be terminated without collecting a water sample at that given depth.

BOREHOLE GROUTING

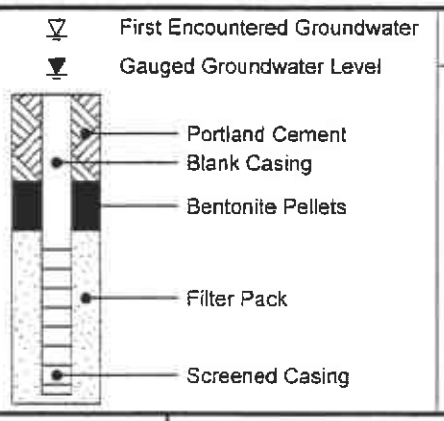
Upon completion of soil and groundwater sampling, boreholes are abandoned with a cement grout containing less than 5 percent pure sodium bentonite as the outer rods are withdrawn.

Appendix E

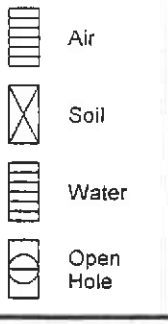
Boring Logs

MAJOR DIVISIONS			TYPICAL NAMES	
COARSE-GRAINED SOILS More than half is coarser than No. 200 sieve	GRAVELS more than half coarse fraction is larger than No. 4 sieve size	Clean gravels with little or no fines	GW	Well graded gravels with or without sand, little or no fines.
			GP	Poorly graded gravels with or without sand, little or no fines.
		Gravels with over 12% fines	GM	Silty gravels, silty gravels with sand.
			GC	Clayey gravels, clayey gravels with sand.
	SANDS more than half coarse fraction is smaller than No. 4 sieve size	Clean sands with little or no fines	SW	Well graded sands with or without gravel, little or no fines.
			SP	Poorly graded sands with or without gravels, little or no fines.
		Sands with over 12% fines	SM	Silty sands with or without gravel.
			SC	Clayey sands with or without gravel.
FINE-GRAINED SOILS More than half is finer than No. 200 sieve	SILTS AND CLAYS liquid limit 50% or less		ML	Inorganic silts and very fine sands, rock flour, silts with sands and gravels.
			CL	Inorganic clays of low to medium plasticity, clays with sands and gravels, lean clays.
			OL	Organic silts or clays of low plasticity.
	SILTS AND CLAYS liquid limit greater than 50%		MH	Inorganic silts, micaceous or diatomaceous, fine sandy or silty soils, elastic silts.
			CH	Inorganic clays of high plasticity, fat clays
			OH	Organic clays or clays of medium to high plasticity.
HIGHLY ORGANIC SOILS			PT	Peat and other highly organic soils.

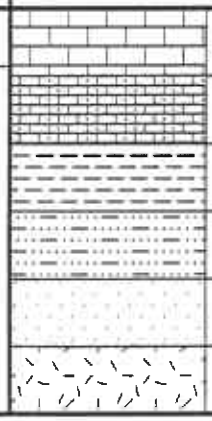
SYMBOLS



Samples



DRILL LOG ROCK TYPES



ETIC ENGINEERING

UNIFIED SOIL CLASSIFICATION SYSTEM DESCRIPTIONS AND SYMBOLS USED ON ETIC DRILL LOGS

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **B5**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Vironex
LICENSE NUMBER: C57-705927

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd. Dublin, CA

DRILLING AND SAMPLING METHODS: Direct Push Technology, 6600 Geoprobe Rig. Hand cleared to 5 ft. bgs.

				START	FINISH
WATER LEVEL ▽	9.0				
TIME	1450			TIME 1430	TIME 1630
DATE	2/26/03			DATE 2/26/03	DATE 2/26/03
REFERENCE	GS				

SURFACE CONDITIONS: Asphalt to 3", fill to 1 ft.

DESCRIPTION BY: BG/JH

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION	DETAILS
				0		Asphalt.	Concrete from Surface to 0.5 ft bgs.
				1		FILL: Gravelly Sand, olive brown (2.5Y 4/3), gravel clasts to 3", rounded to subrounded.	
				2		CLAY: greenish black (N 2.5/1), hard, low plasticity.	
				3	CL		
				4		Color change to greenish gray (10Y 5/1), increase in silt content.	
				5	SP	SAND w/ GRAVEL: medium sand, gravel up to 3/4".	
60	60	-	1.4			SANDY SILT: dark olive brown (2.5Y 3/3), hard, moderate plasticity, very fine sand, rare gravel, dry to damp.	
				6			
				7			
				8	ML		
				9 ▽			Cement Grout from 0.5 to 30.0 ft bgs.
			1.7				
60	60	-	1.2	10			
				11	SM	SILTY SAND w/ GRAVEL: gray (2.5Y 5/1), soft, very fine to medium sand, gravel up to 3/4", non plastic fines, moist.	
				12		SANDY SILT: olive brown (2.5Y 4/3), hard, low plasticity, very fine to fine sand, rare coarse sand, dry to damp, increase in gravel to 15 ft.	
				13			
				14			
			1.6		ML		
60	42	-		15			
				16			
				17		SAND: light olive brown (2.5Y 5/3), soft, fine to medium sand, minor coarse sand, gravel up to 1", non to low plastic fines, wet.	
				18			
			1.4		SP		
				19			
				20			

LOG OF SOIL BORING 0210.GPJ ETIC.GDT 4/18/03

ETIC Engineering, Inc.

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd. Dublin, CA

LOG OF SOIL BORING: B5

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
60	60	-		21	SP	Color change to grayish brown (2.5Y 5/2).
				22		
			1.6	23	SW	SAND: grayish brown (2.5Y 5/2), coarse sand with angular gravel to 1", saturated.
				24	CL	SILTY CLAY: olive brown (2.5Y 4/4), soft, moderate to high plasticity, dry to damp.
				25		
60	60	-		26	SP	SAND: light olive brown (2.5Y 5/4), very fine to fine sand, saturated.
				27		
				28	SW	SAND: grayish brown (2.5Y 5/2), coarse sand with gravel up to 1/2", wet.
				29	CL	SILTY CLAY: olive brown (2.5Y 4/4), soft, moderate to high plasticity, dry to damp.
				30		Boring Terminated at 30.0 ft bgs.
				31		
				32		
				33		
				34		
				35		
				36		
				37		
				38		
				39		
				40		
				41		
				42		
				43		
				44		
				45		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

Cement Grout from 0.5 to 30.0 ft bgs.

LOG OF SOIL BORING 0210.GPJ ETIC.GDT 4/16/03

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **B6**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Vironex
LICENSE NUMBER: C57-705927

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd, Dublin, CA

DRILLING AND SAMPLING METHODS: Direct Push Technology, 6600 Geoprobe Rig. Hand cleared to 5 ft. bgs.

				START	FINISH
WATER LEVEL	▽ 11.0	▼ 7.73			
TIME	1258	1411		TIME 1230	TIME 1430
DATE	2/26/03	2/26/03		DATE 2/26/03	DATE 2/26/03
REFERENCE	GS	GS			

SURFACE CONDITIONS: Asphalt to 4", fill to 1 ft.

DESCRIPTION BY: BG/JH

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION	DETAILS
				0		Asphalt. FILL: Gravelly Sand, olive brown (2.5Y 4/3), gravel clasts to 3", rounded to subrounded. SILTY CLAY: black (10YR 2/1), hard, medium to low plasticity, rare gravel.	Concrete from Surface to 0.5 ft bgs.
				1			
				2			
				3	CL	Color change to light gray (2.5Y 7/1), increased silt content.	
				4			
60	60	-	0.1	5		SANDY SILT: olive brown (2.5Y 4/3), soft, moderate to low plasticity, very fine sand, dry.	
				6	ML		
				7			
				8		CLAYEY SILT: dark olive brown (2.5Y 3/3), hard, rare very fine sand, rare angular gravel, dry.	
			0.9	9			Cement Grout from 0.5 to 27.0 ft bgs.
60	60	-	0.5	10			
				11			
				12	ML		
				13		Increase in sand content, minor gravel content.	
				14			
			0.1	15			
24	24	-		16			
			0.1	17			
36	36	-		18		SANDY SILT: light olive brown (2.5Y 5/4), soft, moderate plasticity, very fine to fine sand, interlayers of coarse sand, rare angular gravel, dry to damp.	
				19	ML		
			0.1	20			

LOG OF SOIL BORING 0210.GPJ ETIC.GDT 4/18/03

ETIC Engineering, Inc.

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd. Dublin, CA

LOG OF SOIL BORING: B6

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
60	0	-		21		No Recovery from 20 to 25 ft.
				22		
				23		
				24		
24	24	-		25	ML	SANDY SILT: light olive brown (2.5Y 5/4), moderate plasticity, very fine sand, rare gravel, wet.
			0.5	26		
				27		Boring Terminated at 27.0 ft bgs.
				28		
				29		
				30		
				31		
				32		
				33		
				34		
				35		
				36		
				37		
				38		
				39		
				40		
				41		
				42		
				43		
				44		
				45		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

Cement Grout from 0.5 to 27.0 ft bgs.

LOG OF SOIL BORING_0210.GPJ ETIC.GDT 4/18/03

ETIC
Engineering, Inc.

LOG OF SOIL BORING: **B7**

COORDINATES:
ELEVATION TOP OF CASING:
CASING BELOW SURFACE:

DRILLING COMPANY: Vironex
LICENSE NUMBER: C57-705927

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd. Dublin, CA

DRILLING AND SAMPLING METHODS: Direct Push Technology, 6600 Geoprobe Rig. Hand cleared to 5 ft. bgs.

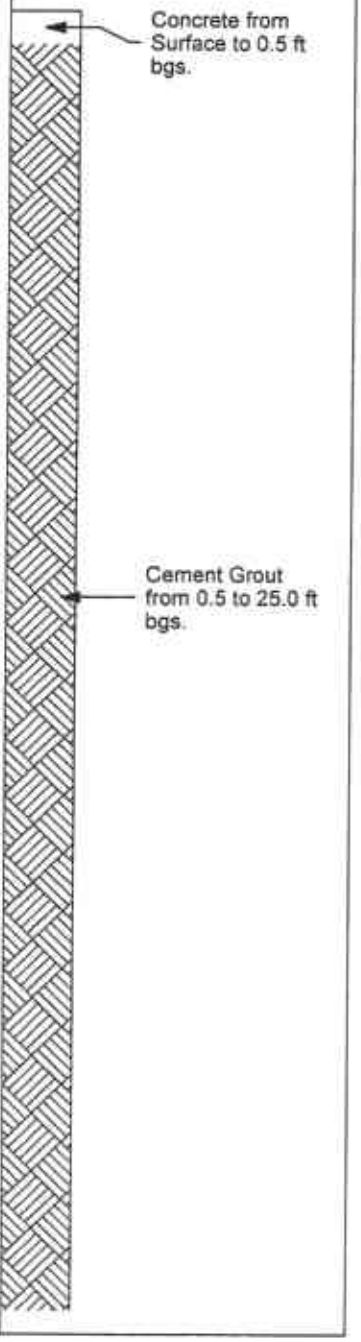
				START	FINISH
WATER LEVEL	▽ 9.50				
TIME	1649			TIME 1630	TIME 1830
DATE	2/26/03			DATE 2/26/03	DATE 2/26/03
REFERENCE	GS				

SURFACE CONDITIONS: Asphalt to 4", fill to 1 ft.

DESCRIPTION BY: BG/JH

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0		Asphalt.
				1		FILL: Gravelly Sand, olive brown (2.5Y 4/3), gravel clasts to 3", rounded to subrounded.
				2		SILTY CLAY: black (10YR 2/1), hard, medium to low plasticity, rare gravel.
				3	CL	
				4		Color change to light gray (2.5Y 7/1), increased silt content.
60	60	-	0.3	5		SANDY SILT: olive brown (2.5Y 4/3), soft, moderate plasticity, very fine sand, rare coarse sand, dry, light gray mottling.
				6		
				7		
				8		
			0.1 ▽	9		
60	24	-		10		
				11	ML	Color change to olive yellow (2.5Y 6/8), increase in fine sand and gravel content, gravel up to 1/2", dry.
				12		No recovery from 12 to 15 ft.
				13		
				14		
24	24	-		15		Color change to light olive brown (2.5Y 5/4), soft, increase in very fine sand content, rare gravel up to 1/2", dry to damp.
			0.5	16		
36	24	-		17		SILTY SAND: light olive brown (2.5Y 5/4), soft, very fine sand, gravel up to 1/2", wet to saturated.
				18	SM	
				19		
				20		

DETAILS



LOG OF SOIL BORING 0210.GPJ ETIC.GDT 4/18/03

ETIC Engineering, Inc.

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd. Dublin, CA

LOG OF SOIL BORING: B7

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG
60	42			21					SM
				22					
				23					ML
			0.2	24					
				25					
				26					
				27					
				28					
				29					
				30					
				31					
				32					
				33					
				34					
				35					
				36					
				37					
				38					
				39					
				40					
				41					
				42					
				43					
				44					
				45					

SANDY SILT: light olive brown (2.5Y 5/4), soft, moderate plasticity, very fine sand content, rare gravel up to 1/2", dry to damp.

No recovery from 23.5 to 25 ft.

Boring Terminated at 25.0 ft bgs.

Cement Grout from 0.5 to 25.0 ft bgs.

LOG OF SOIL BORING 0210.GPJ ETIC.GDT 4/18/03

ETIC Engineering, Inc.

LOG OF SOIL BORING: **B8**

COORDINATES:

ELEVATION TOP OF CASING:

CASING BELOW SURFACE:

DRILLING COMPANY: Vironex

LICENSE NUMBER: C57-705927

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd. Dublin, CA

DRILLING AND SAMPLING METHODS: Direct Push Technology, 6600 Geoprobe Rig. Hand cleared to 5 ft. bgs.

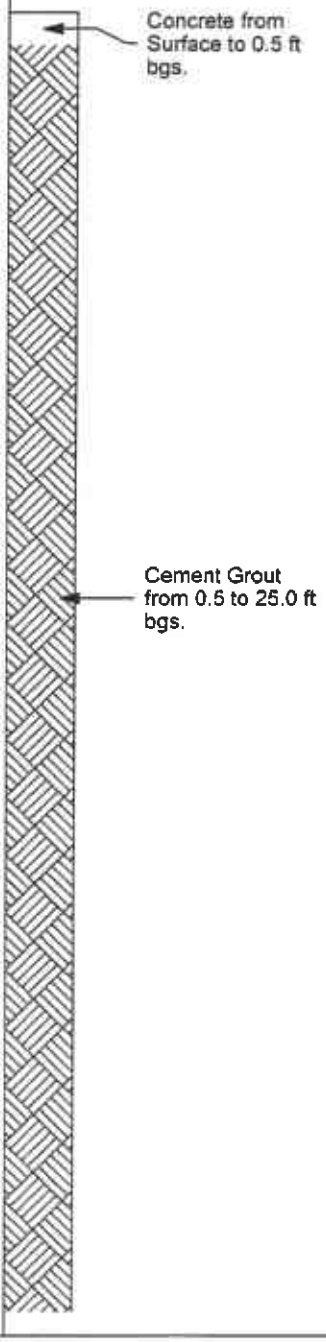
				START	FINISH
WATER LEVEL ▽	12.5				
TIME	1053			TIME 0900	TIME 1230
DATE	2/26/03			DATE 2/26/03	DATE 2/26/03
REFERENCE	GS				

SURFACE CONDITIONS: Asphalt to 3", fill to 1 ft.

DESCRIPTION BY: BG/JH

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0		Asphalt.
				1		FILL: Gravelly Sand, olive brown (2.5Y 4/3), gravel clasts to 3", rounded to subrounded.
				2		SILTY CLAY: black (10YR 2/1), hard, medium to low plasticity, rare gravel.
				3	CL	
				4		Color change to light gray (2.5Y 7/1), increased silt content.
60	54	-		5		SANDY SILT: dark grayish brown (2.5Y 4/2), hard, low to moderate plasicity, very fine to fine sand, dry to damp.
			0.5	6		
				7		
				8		
				9		
60	60	-	0.3	10	ML	Soft, rare gravel, damp to moist, light gray mottling.
				11		
				12		
				13		
			0.1	14		
24	24	-	0.7	15	SC	CLAYEY SAND: light olive brown (2.5Y 5/4), soft, very fine to fine sand, rare angular gravel, wet.
			0.1	16	ML	SANDY SILT: light olive brown (2.5Y 5/4), soft, very fine to fine sand, damp to moist.
36	36	-	0.2	17		CLAYEY SAND: light olive brown (2.5Y 5/4), soft, very fine to fine sand, rare angular gravel, wet.
				18	SC	
				19		
			0.1	20		

DETAILS



LOG OF SOIL BORING 0210.GPJ ETIC.GDT 4/16/03

ETIC
Engineering, Inc.

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-0210	7840 Amador Valley Blvd. Dublin, CA

LOG OF SOIL BORING: B8

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE RECOVERED	GRAPHIC LOG
60	60	-		21				SC
				22				
				23				
			0.2	24				
			0.4	25				CL
				26				
				27				
				28				
				29				
				30				
				31				
				32				
				33				
				34				
				35				
				36				
				37				
				38				
				39				
				40				
				41				
				42				
				43				
				44				
				45				

SANDY CLAY: olive brown (2.5Y 4/3), hard, low to moderate plasticity, very fine to fine sand, rare gravel, dry to damp. Boring Terminated at 25.0 ft bgs.

Cement Grout from 0.5 to 25.0 ft bgs.

LOG OF SOIL BORING 0210.GPJ ETIC.GDT 4/18/03

Appendix F

Laboratory Analytical Reports

TestAmerica
INCORPORATED

3/ 8/03

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

This report includes the analytical certificates of analysis for all samples listed below. These samples relate to your project identified below:

Project Name: EXXONMOBIL 7-0210
Project Number: .
Laboratory Project Number: 322050.

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980.

Sample Identification	Lab Number	Collection Date
B5-(10-10.5')	03-A30536	2/26/03
B5-(14.5-15')	03-A30537	2/26/03
B5-(22.5-23')	03-A30538	2/26/03
B6-(10-10.5')	03-A30539	2/26/03
B6-(16.5-17')	03-A30540	2/26/03
B6-(19.5-20')	03-A30541	2/26/03
B6-(26.5-27')	03-A30542	2/26/03
B7-(10-10.5')	03-A30543	2/26/03
B7-(16.5-17')	03-A30544	2/26/03
B7-(20-20.5')	03-A30545	2/26/03
B8-(10-10.5')	03-A30546	2/26/03
B8-(15-15.5')	03-A30547	2/26/03
B8-(17-17.5')	03-A30548	2/26/03
B8-(23-23.5')	03-A30549	2/26/03
S1-1,S1-2,S1-3,S1-4	03-A30550	2/26/03
B5-(15')	03-A30551	2/26/03
B5-(21-24')	03-A30552	2/26/03
B6-(20')	03-A30553	2/26/03
B7-(17')	03-A30554	2/26/03
B7-(19-21')	03-A30555	2/26/03
B8-(17')	03-A30556	2/26/03

TestAmerica
INCORPORATED

Sample Identification	Lab Number	Collection Date
B8-(21-24')	03-A30557	2/26/03

These results relate only to the items tested.
This report shall not be reproduced except in full and with permission of the laboratory.

Report Approved By: Roxanne L Connor Report Date: 3/ 8/03

Paul E. Lane, Jr., Lab Director
Michael H. Dunn, M.S., Technical Director
Johnny A. Mitchell, Dir. Technical Serv.
Eric S. Smith, Assistant Technical Director
Roxanne L. Connor, Technical Services
Gail A. Lage, Technical Serv.
Glenn L. Norton, Technical Serv.
Kelly S. Comstock, Technical Serv.
Pamela A. Langford, Technical Serv.

Laboratory Certification Number: 01168CA

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Lab Number: 03-A30550
Sample ID: S1-1,S1-2,S1-3,S1-4
Sample Type: Soil
Site ID: 7-0210

Date Collected: 2/26/03
Time Collected: 17:55
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	83.1	%		1	3/ 6/03	19:00	M. Cauthen	CLP	8136
ORGANIC PARAMETERS									
Benzene	ND	mg/kg	0.001	1	3/ 6/03	1:08	J. Redmond	8021B	7159
Ethylbenzene	ND	mg/kg	0.001	1	3/ 6/03	1:08	J. Redmond	8021B	7159
Toluene	ND	mg/kg	0.001	1	3/ 6/03	1:08	J. Redmond	8021B	7159
Xylenes, total	ND	mg/kg	0.001	1	3/ 6/03	1:08	J. Redmond	8021B	7159
TPH (Gasoline Range)	ND	mg/kg	5	1	3/ 6/03	1:08	J. Redmond	8015B	7159
METALS									
Lead	4.44	mg/kg	0.97	1	3/ 5/03	11:28	G.McCord	6010B	8792

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
BTX Prep	5.7 g	5.0 ml	2/26/03	17:55	J. Redmond	5035

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 03-A30550
Sample ID: S1-1,S1-2,S1-3,S1-4
Project:

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	99.	51. - 161.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Lab Number: 03-A30536
Sample ID: B5-(10-10.5')
Sample Type: Soil
Site ID: 7-0210

Date Collected: 2/26/03
Time Collected: 14:50
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	89.1	%		1	3/ 6/03	16:20	M. Cauthen	CLP	9186
ORGANIC PARAMETERS									
Benzene	ND	mg/kg	0.001	1	3/ 5/03	16:22	J. Redmond	8021B	7159
Ethylbenzene	ND	mg/kg	0.001	1	3/ 5/03	16:22	J. Redmond	8021B	7159
Toluene	ND	mg/kg	0.001	1	3/ 5/03	16:22	J. Redmond	8021B	7159
Xylenes, total	ND	mg/kg	0.001	1	3/ 5/03	16:22	J. Redmond	8021B	7159
TPH (Gasoline Range)	ND	mg/kg	5	1	3/ 5/03	16:22	J. Redmond	8015B	7159
TPH (Diesel Range)	ND	mg/kg	9.92	1	3/ 7/03	18:33	M.Jarrett	8015B	579
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	mg/kg	0.002	1	3/ 6/03	6:41	J. Yun	8260B	1092
Methyl-t-amyl ether	ND	mg/kg	0.002	1	3/ 6/03	6:41	J. Yun	8260B	1092
Tertiary butyl alcohol	ND	mg/kg	0.05	1	3/ 6/03	6:41	J. Yun	8260B	1092
1,2-Dibromoethane	ND	mg/kg	0.002	1	3/ 6/03	6:41	J. Yun	8260B	1092
1,2-Dichloroethane	ND	mg/kg	0.002	1	3/ 6/03	6:41	J. Yun	8260B	1092
Methyl-t-butyl ether	0.0291	mg/kg	0.002	1	3/ 6/03	6:41	J. Yun	8260B	1092
Diisopropyl ether	ND	mg/kg	0.01	1	3/ 6/03	6:41	J. Yun	8260B	1092

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 03-A30536
Sample ID: B5-(10-10.5')
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH/DRO	25.2 gm	1.0 ml	3/ 5/03		M. Ricke	3550
Volatile Organics	5.0 g	5.0 ml	3/ 3/03	15:30	K. Turner	5035
BTX Prep	5.5 g	5.0 ml	2/26/03	14:50	J. Redmond	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	86.	51. - 161.
TPH Hi Surr., o-Terphenyl	83.	35. - 135.
VOA Surr 1,2-DCA-d4	95.	56. - 155.
VOA Surr Toluene-d8	105.	79. - 130.
VOA Surr, 4-BFB	106.	62. - 155.
VOA Surr, DBFM	106.	74. - 127.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Lab Number: 03-A30537
Sample ID: B5-(14.5-15')
Sample Type: Soil
Site ID: 7-0210

Date Collected: 2/26/03
Time Collected: 14:53
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	87.6	%		1	3/ 6/03	16:20	M. Cauthen	CLP	9186
ORGANIC PARAMETERS									
Benzene	0.001	mg/kg	0.001	1	3/ 5/03	16:55	J. Redmond	8021B	7159
Ethylbenzene	ND	mg/kg	0.001	1	3/ 5/03	16:55	J. Redmond	8021B	7159
Toluene	0.001	mg/kg	0.001	1	3/ 5/03	16:55	J. Redmond	8021B	7159
Xylenes, total	ND	mg/kg	0.001	1	3/ 5/03	16:55	J. Redmond	8021B	7159
TPH (Gasoline Range)	ND	mg/kg	5	1	3/ 5/03	16:55	J. Redmond	8015B	7159
TPH (Diesel Range)	ND	mg/kg	10.1	1	3/ 7/03	18:53	M.Jarrett	8015B	579
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	mg/kg	0.002	1	3/ 6/03	7:14	J. Yun	8260B	1092
Methyl-t-amyl ether	ND	mg/kg	0.002	1	3/ 6/03	7:14	J. Yun	8260B	1092
Tertiary butyl alcohol	ND	mg/kg	0.05	1	3/ 6/03	7:14	J. Yun	8260B	1092
1,2-Dibromoethane	ND	mg/kg	0.002	1	3/ 6/03	7:14	J. Yun	8260B	1092
1,2-Dichloroethane	ND	mg/kg	0.002	1	3/ 6/03	7:14	J. Yun	8260B	1092
Methyl-t-butyl ether	ND	mg/kg	0.002	1	3/ 6/03	7:14	J. Yun	8260B	1092
Diisopropyl ether	ND	mg/kg	0.01	1	3/ 6/03	7:14	J. Yun	8260B	1092

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 03-A30537
Sample ID: B5-(14.5-15')
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH/DRO	24.8 gm	1.0 ml	3/ 5/03		M. Ricke	3550
Volatile Organics	5.0 g	5.0 ml	3/ 3/03	15:44	K. Turner	5035
BTX Prep	5.2 g	5.0 ml	2/26/03	14:53	J. Redmond	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	88.	51. - 161.
TPH Hi Surr., o-Terphenyl	85.	35. - 135.
VOA Surr 1,2-DCA-d4	98.	56. - 155.
VOA Surr Toluene-d8	101.	79. - 130.
VOA Surr, 4-BFB	95.	62. - 155.
VOA Surr, DBFM	103.	74. - 127.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Lab Number: 03-A30538
Sample ID: B5-(22.5-23')
Sample Type: Soil
Site ID: 7-0210

Date Collected: 2/26/03
Time Collected: 15:23
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	84.5	%		1	3/ 6/03	16:20	M. Cauthen	CLP	9186
ORGANIC PARAMETERS									
Benzene	0.001	mg/kg	0.001	1	3/ 5/03	17:28	J. Redmond	8021B	7159
Ethylbenzene	ND	mg/kg	0.001	1	3/ 5/03	17:28	J. Redmond	8021B	7159
Toluene	ND	mg/kg	0.001	1	3/ 5/03	17:28	J. Redmond	8021B	7159
Xylenes, total	ND	mg/kg	0.001	1	3/ 5/03	17:28	J. Redmond	8021B	7159
TPH (Gasoline Range)	ND	mg/kg	5	1	3/ 5/03	17:28	J. Redmond	8015B	7159
TPH (Diesel Range)	ND	mg/kg	9.92	1	3/ 7/03	19:12	M.Jarrett	8015B	579
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	mg/kg	0.002	1	3/ 6/03	7:46	J. Yun	8260B	1092
Methyl-t-amyl ether	ND	mg/kg	0.002	1	3/ 6/03	7:46	J. Yun	8260B	1092
Tertiary butyl alcohol	ND	mg/kg	0.05	1	3/ 6/03	7:46	J. Yun	8260B	1092
1,2-Dibromoethane	ND	mg/kg	0.002	1	3/ 6/03	7:46	J. Yun	8260B	1092
1,2-Dichloroethane	ND	mg/kg	0.002	1	3/ 6/03	7:46	J. Yun	8260B	1092
Methyl-t-butyl ether	0.0047	mg/kg	0.002	1	3/ 6/03	7:46	J. Yun	8260B	1092
Diisopropyl ether	ND	mg/kg	0.01	1	3/ 6/03	7:46	J. Yun	8260B	1092

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 03-A30538
Sample ID: B5-(22.5-23')
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH/DRO	25.2 gm	1.0 ml	3/ 5/03		M. Ricke	3550
Volatile Organics	5.0 g	5.0 ml	3/ 3/03	15:46	K. Turner	5035
BTX Prep	5.6 g	5.0 ml	2/26/03	15:23	J. Redmond	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	93.	51. - 161.
TPH Hi Surr., o-Terphenyl	84.	35. - 135.
VOA Surr 1,2-DCA-d4	96.	56. - 155.
VOA Surr Toluene-d8	104.	79. - 130.
VOA Surr, 4-BFB	101.	62. - 155.
VOA Surr, DBFM	103.	74. - 127.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Lab Number: 03-A30539
Sample ID: B6-(10-10.5')
Sample Type: Soil
Site ID: 7-0210

Date Collected: 2/26/03
Time Collected: 12:54
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	85.5	%		1	3/ 6/03	16:20	M. Cauthen	CLP	9187
ORGANIC PARAMETERS									
Benzene	ND	mg/kg	0.001	1	3/ 5/03	18:01	J. Redmond	8021B	7159
Ethylbenzene	ND	mg/kg	0.001	1	3/ 5/03	18:01	J. Redmond	8021B	7159
Toluene	ND	mg/kg	0.001	1	3/ 5/03	18:01	J. Redmond	8021B	7159
Xylenes, total	ND	mg/kg	0.001	1	3/ 5/03	18:01	J. Redmond	8021B	7159
TPH (Gasoline Range)	ND	mg/kg	5	1	3/ 5/03	18:01	J. Redmond	8015B	7159
TPH (Diesel Range)	ND	mg/kg	10.1	1	3/ 7/03	19:32	M.Jarrett	8015B	579
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	mg/kg	0.002	1	3/ 6/03	8:19	J. Yun	8260B	1092
Methyl-t-amyl ether	ND	mg/kg	0.002	1	3/ 6/03	8:19	J. Yun	8260B	1092
Tertiary butyl alcohol	ND	mg/kg	0.05	1	3/ 6/03	8:19	J. Yun	8260B	1092
1,2-Dibromoethane	ND	mg/kg	0.002	1	3/ 6/03	8:19	J. Yun	8260B	1092
1,2-Dichloroethane	ND	mg/kg	0.002	1	3/ 6/03	8:19	J. Yun	8260B	1092
Methyl-t-butyl ether	0.0068	mg/kg	0.002	1	3/ 6/03	8:19	J. Yun	8260B	1092
Diisopropyl ether	ND	mg/kg	0.01	1	3/ 6/03	8:19	J. Yun	8260B	1092

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 03-A30539
Sample ID: B6-(10-10.5')
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH/DRO	24.8 gm	1.0 ml	3/ 5/03		M. Ricke	3550
Volatile Organics	5.0 g	5.0 ml	3/ 3/03	15:48	K. Turner	5035
BTX Prep	5.2 g	5.0 ml	2/26/03	12:54	J. Redmond	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	91.	51. - 161.
TPH Hi Surr., o-Terphenyl	79.	35. - 135.
VOA Surr 1,2-DCA-d4	99.	56. - 155.
VOA Surr Toluene-d8	102.	79. - 130.
VOA Surr, 4-BFB	98.	62. - 155.
VOA Surr, DBFM	108.	74. - 127.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Lab Number: 03-A30540
Sample ID: B6-(16.5-17')
Sample Type: Soil
Site ID: 7-0210

Date Collected: 2/26/03
Time Collected: 13:02
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	85.4	%		1	3/ 6/03	16:20	M. Cauthen	CLP	9187
ORGANIC PARAMETERS									
Benzene	ND	mg/kg	0.001	1	3/ 5/03	18:34	J. Redmond	8021B	7159
Ethylbenzene	ND	mg/kg	0.001	1	3/ 5/03	18:34	J. Redmond	8021B	7159
Toluene	ND	mg/kg	0.001	1	3/ 5/03	18:34	J. Redmond	8021B	7159
Xylenes, total	ND	mg/kg	0.001	1	3/ 5/03	18:34	J. Redmond	8021B	7159
TPH (Gasoline Range)	ND	mg/kg	5	1	3/ 5/03	18:34	J. Redmond	8015B	7159
TPH (Diesel Range)	ND	mg/kg	9.96	1	3/ 7/03	19:52	M.Jarrett	8015B	579
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	mg/kg	0.002	1	3/ 6/03	9:15	J. Yun	8260B	1092
Methyl-t-amyl ether	ND	mg/kg	0.002	1	3/ 6/03	9:15	J. Yun	8260B	1092
Tertiary butyl alcohol	ND	mg/kg	0.05	1	3/ 6/03	9:15	J. Yun	8260B	1092
1,2-Dibromoethane	ND	mg/kg	0.002	1	3/ 6/03	9:15	J. Yun	8260B	1092
1,2-Dichloroethane	ND	mg/kg	0.002	1	3/ 6/03	9:15	J. Yun	8260B	1092
Methyl-t-butyl ether	ND	mg/kg	0.002	1	3/ 6/03	9:15	J. Yun	8260B	1092
Diisopropyl ether	ND	mg/kg	0.01	1	3/ 6/03	9:15	J. Yun	8260B	1092

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 03-A30540
Sample ID: B6-(16.5-17')
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH/DRO	25.1 gm	1.0 ml	3/ 5/03		M. Ricke	3550
Volatile Organics	5.0 g	5.0 ml	3/ 3/03	15:48	K. Turner	5035
BTX Prep	5.8 g	5.0 ml	2/26/03	13:02	J. Redmond	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	90.	51. - 161.
TPH Hi Surr., o-Terphenyl	75.	35. - 135.
VOA Surr 1,2-DCA-d4	108.	56. - 155.
VOA Surr Toluene-d8	101.	79. - 130.
VOA Surr, 4-BFB	96.	62. - 155.
VOA Surr, DBFM	114.	74. - 127.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Lab Number: 03-A30541
Sample ID: B6-(19.5-20')
Sample Type: Soil
Site ID: 7-0210

Date Collected: 2/26/03
Time Collected: 13:08
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	83.4	%		1	3/ 6/03	16:20	M. Cauthen	CLP	9187
ORGANIC PARAMETERS									
Benzene	0.001	mg/kg	0.001	1	3/ 5/03	19:07	J. Redmond	8021B	7159
Ethylbenzene	ND	mg/kg	0.001	1	3/ 5/03	19:07	J. Redmond	8021B	7159
Toluene	ND	mg/kg	0.001	1	3/ 5/03	19:07	J. Redmond	8021B	7159
Xylenes, total	ND	mg/kg	0.001	1	3/ 5/03	19:07	J. Redmond	8021B	7159
TPH (Gasoline Range)	ND	mg/kg	5	1	3/ 5/03	19:07	J. Redmond	8015B	7159
TPH (Diesel Range)	ND	mg/kg	10.1	1	3/ 7/03	20:12	M.Jarrett	8015B	579
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	mg/kg	0.002	1	3/ 6/03	9:48	J. Yun	8260B	1092
Methyl-t-amyl ether	ND	mg/kg	0.002	1	3/ 6/03	9:48	J. Yun	8260B	1092
Tertiary butyl alcohol	ND	mg/kg	0.05	1	3/ 6/03	9:48	J. Yun	8260B	1092
1,2-Dibromoethane	ND	mg/kg	0.002	1	3/ 6/03	9:48	J. Yun	8260B	1092
1,2-Dichloroethane	ND	mg/kg	0.002	1	3/ 6/03	9:48	J. Yun	8260B	1092
Methyl-t-butyl ether	ND	mg/kg	0.002	1	3/ 6/03	9:48	J. Yun	8260B	1092
Diisopropyl ether	ND	mg/kg	0.01	1	3/ 6/03	9:48	J. Yun	8260B	1092

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 03-A30541
Sample ID: B6-(19.5-20')
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH/DRO	24.8 gm	1.0 ml	3/ 5/03		M. Ricke	3550
Volatile Organics	5.0 g	5.0 ml	3/ 3/03	15:50	K. Turner	5035
BTX Prep	5.7 g	5.0 ml	2/26/03	13:08	J. Redmond	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	89.	51. - 161.
TPH Hi Surr., o-Terphenyl	83.	35. - 135.
VOA Surr 1,2-DCA-d4	99.	56. - 155.
VOA Surr Toluene-d8	101.	79. - 130.
VOA Surr, 4-BFB	99.	62. - 155.
VOA Surr, DBFM	106.	74. - 127.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Lab Number: 03-A30542
Sample ID: B6-(26.5-27')
Sample Type: Soil
Site ID: 7-0210

Date Collected: 2/26/03
Time Collected: 13:39
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	82.9	%		1	3/ 6/03	16:20	M. Cauthen	CLP	9187
ORGANIC PARAMETERS									
Benzene	ND	mg/kg	0.001	1	3/ 5/03	19:40	J. Redmond	8021B	7159
Ethylbenzene	ND	mg/kg	0.001	1	3/ 5/03	19:40	J. Redmond	8021B	7159
Toluene	ND	mg/kg	0.001	1	3/ 5/03	19:40	J. Redmond	8021B	7159
Xylenes, total	ND	mg/kg	0.001	1	3/ 5/03	19:40	J. Redmond	8021B	7159
TPH (Gasoline Range)	ND	mg/kg	5	1	3/ 5/03	19:40	J. Redmond	8015B	7159
TPH (Diesel Range)	ND	mg/kg	10.1	1	3/ 7/03	20:51	M.Jarrett	8015B	579
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	mg/kg	0.002	1	3/ 6/03	15:22	J. Yun	8260B	1925
Methyl-t-amyl ether	ND	mg/kg	0.002	1	3/ 6/03	15:22	J. Yun	8260B	1925
Tertiary butyl alcohol	ND	mg/kg	0.05	1	3/ 6/03	15:22	J. Yun	8260B	1925
1,2-Dibromoethane	ND	mg/kg	0.002	1	3/ 6/03	15:22	J. Yun	8260B	1925
1,2-Dichloroethane	ND	mg/kg	0.002	1	3/ 6/03	15:22	J. Yun	8260B	1925
Methyl-t-butyl ether	ND	mg/kg	0.002	1	3/ 6/03	15:22	J. Yun	8260B	1925
Diisopropyl ether	ND	mg/kg	0.01	1	3/ 6/03	15:22	J. Yun	8260B	1925

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 03-A30542
Sample ID: B6-(26.5-27')
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH/DRO	24.7 gm	1.0 ml	3/ 5/03		M. Ricke	3550
Volatile Organics	5.0 g	5.0 ml	3/ 3/03	15:52	K. Turner	5035
BTX Prep	4.7 g	5.0 ml	2/26/03	13:39	J. Redmond	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	92.	51. - 161.
TPH Hi Surr., o-Terphenyl	83.	35. - 135.
VOA Surr 1,2-DCA-d4	103.	56. - 155.
VOA Surr Toluene-d8	104.	79. - 130.
VOA Surr, 4-BFB	98.	62. - 155.
VOA Surr, DBFM	110.	74. - 127.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Lab Number: 03-A30543
Sample ID: B7-(10-10.5')
Sample Type: Soil
Site ID: 7-0210

Date Collected: 2/26/03
Time Collected: 16:54
Date Received: 2/28/03
Time Received: 9:00

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	83.9	%		1	3/ 6/03	16:20	M. Cauthen	CLP	9187
ORGANIC PARAMETERS									
Benzene	ND	mg/kg	0.001	1	3/ 5/03	20:13	J. Redmond	8021B	7159
Ethylbenzene	ND	mg/kg	0.001	1	3/ 5/03	20:13	J. Redmond	8021B	7159
Toluene	ND	mg/kg	0.001	1	3/ 5/03	20:13	J. Redmond	8021B	7159
Xylenes, total	ND	mg/kg	0.001	1	3/ 5/03	20:13	J. Redmond	8021B	7159
TPH (Gasoline Range)	ND	mg/kg	5	1	3/ 5/03	20:13	J. Redmond	8015B	7159
TPH (Diesel Range)	ND	mg/kg	10	1	3/ 7/03	21:12	M.Jarrett	8015B	579
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	mg/kg	0.002	1	3/ 6/03	15:54	J. Yun	8260B	1925
Methyl-t-amyl ether	ND	mg/kg	0.002	1	3/ 6/03	15:54	J. Yun	8260B	1925
Tertiary butyl alcohol	ND	mg/kg	0.05	1	3/ 6/03	15:54	J. Yun	8260B	1925
1,2-Dibromoethane	ND	mg/kg	0.002	1	3/ 6/03	15:54	J. Yun	8260B	1925
1,2-Dichloroethane	ND	mg/kg	0.002	1	3/ 6/03	15:54	J. Yun	8260B	1925
Methyl-t-butyl ether	ND	mg/kg	0.002	1	3/ 6/03	15:54	J. Yun	8260B	1925
Diisopropyl ether	ND	mg/kg	0.01	1	3/ 6/03	15:54	J. Yun	8260B	1925

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 03-A30543
Sample ID: B7-(10-10.5')
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH/DRO	25.0 gm	1.0 ml	3/ 5/03		M. Ricke	3550
Volatile Organics	5.0 g	5.0 ml	3/ 3/03	15:54	K. Turner	5035
BTX Prep	4.8 g	5.0 ml	2/26/03	16:54	J. Redmond	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	87.	51. - 161.
TPH Hi Surr., o-Terphenyl	83.	35. - 135.
VOA Surr 1,2-DCA-d4	102.	56. - 155.
VOA Surr Toluene-d8	102.	79. - 130.
VOA Surr, 4-BFB	101.	62. - 155.
VOA Surr, DBFM	108.	74. - 127.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Lab Number: 03-A30544
Sample ID: B7-(16.5-17')
Sample Type: Soil
Site ID: 7-0210

Date Collected: 2/26/03
Time Collected: 17:04
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	83.2	%		1	3/ 6/03	16:20	M. Cauthen	CLP	9187
ORGANIC PARAMETERS									
Benzene	0.001	mg/kg	0.001	1	3/ 5/03	20:46	J. Redmond	8021B	7159
Ethylbenzene	ND	mg/kg	0.001	1	3/ 5/03	20:46	J. Redmond	8021B	7159
Toluene	ND	mg/kg	0.001	1	3/ 5/03	20:46	J. Redmond	8021B	7159
Xylenes, total	ND	mg/kg	0.001	1	3/ 5/03	20:46	J. Redmond	8021B	7159
TPH (Gasoline Range)	ND	mg/kg	5	1	3/ 5/03	20:46	J. Redmond	8015B	7159
TPH (Diesel Range)	ND	mg/kg	10	1	3/ 7/03	21:31	M.Jarrett	8015B	579
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	mg/kg	0.002	1	3/ 6/03	16:27	J. Yun	8260B	1925
Methyl-t-amyl ether	ND	mg/kg	0.002	1	3/ 6/03	16:27	J. Yun	8260B	1925
Tertiary butyl alcohol	ND	mg/kg	0.05	1	3/ 6/03	16:27	J. Yun	8260B	1925
1,2-Dibromoethane	ND	mg/kg	0.002	1	3/ 6/03	16:27	J. Yun	8260B	1925
1,2-Dichloroethane	ND	mg/kg	0.002	1	3/ 6/03	16:27	J. Yun	8260B	1925
Methyl-t-butyl ether	ND	mg/kg	0.002	1	3/ 6/03	16:27	J. Yun	8260B	1925
Diisopropyl ether	ND	mg/kg	0.01	1	3/ 6/03	16:27	J. Yun	8260B	1925

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

TestAmerica
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ANALYTICAL REPORT

Laboratory Number: 03-A30544
Sample ID: B7-(16.5-17')
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH/DRO	25.0 gm	1.0 ml	3/ 5/03		M. Ricke	3550
Volatile Organics	5.0 g	5.0 ml	3/ 3/03	15:56	K. Turner	5035
BTX Prep	4.7 g	5.0 ml	2/26/03	17:04	J. Redmond	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	89.	51. - 161.
TPH Hi Surr., o-Terphenyl	81.	35. - 135.
VOA Surr 1,2-DCA-d4	104.	56. - 155.
VOA Surr Toluene-d8	100.	79. - 130.
VOA Surr, 4-BFB	101.	62. - 155.
VOA Surr, DBFM	108.	74. - 127.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Lab Number: 03-A30545
Sample ID: B7-(20-20.5')
Sample Type: Soil
Site ID: 7-0210

Date Collected: 2/26/03
Time Collected: 17:16
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	80.8	%		1	3/ 6/03	19:00	M. Cauthen	CLP	8136
ORGANIC PARAMETERS									
Benzene	ND	mg/kg	0.001	1	3/ 5/03	21:19	J. Redmond	8021B	7159
Ethylbenzene	ND	mg/kg	0.001	1	3/ 5/03	21:19	J. Redmond	8021B	7159
Toluene	ND	mg/kg	0.001	1	3/ 5/03	21:19	J. Redmond	8021B	7159
Xylenes, total	ND	mg/kg	0.001	1	3/ 5/03	21:19	J. Redmond	8021B	7159
TPH (Gasoline Range)	ND	mg/kg	5	1	3/ 5/03	21:19	J. Redmond	8015B	7159
TPH (Diesel Range)	ND	mg/kg	9.92	1	3/ 7/03	21:52	M.Jarrett	8015B	579
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	mg/kg	0.002	1	3/ 6/03	17:00	J. Yun	8260B	1925
Methyl-t-amyl ether	ND	mg/kg	0.002	1	3/ 6/03	17:00	J. Yun	8260B	1925
Tertiary butyl alcohol	ND	mg/kg	0.05	1	3/ 6/03	17:00	J. Yun	8260B	1925
1,2-Dibromoethane	ND	mg/kg	0.002	1	3/ 6/03	17:00	J. Yun	8260B	1925
1,2-Dichloroethane	ND	mg/kg	0.002	1	3/ 6/03	17:00	J. Yun	8260B	1925
Methyl-t-butyl ether	ND	mg/kg	0.002	1	3/ 6/03	17:00	J. Yun	8260B	1925
Diisopropyl ether	ND	mg/kg	0.01	1	3/ 6/03	17:00	J. Yun	8260B	1925

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 03-A30545
Sample ID: B7-(20-20.5')
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH/DRO	25.2 gm	1.0 ml	3/ 5/03		M. Ricke	3550
Volatile Organics	5.0 g	5.0 ml	3/ 3/03	15:58	K. Turner	5035
BTX Prep	5.2 g	5.0 ml	2/26/03	17:16	J. Redmond	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	88.	51. - 161.
TPH Hi Surr., o-Terphenyl	89.	35. - 135.
VOA Surr 1,2-DCA-d4	102.	56. - 155.
VOA Surr Toluene-d8	103.	79. - 130.
VOA Surr, 4-BFB	103.	62. - 155.
VOA Surr, DBFM	106.	74. - 127.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Lab Number: 03-A30546
Sample ID: B8-(10-10.5')
Sample Type: Soil
Site ID: 7-0210

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Date Collected: 2/26/03
Time Collected: 10:50
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	82.8	%		1	3/ 6/03	19:00	M. Cauthen	CLP	8136
ORGANIC PARAMETERS									
Benzene	ND	mg/kg	0.05	50	3/ 6/03	16:48	D. Otero	8021B	1825
Ethylbenzene	ND	mg/kg	0.05	50	3/ 6/03	16:48	D. Otero	8021B	1825
Toluene	ND	mg/kg	0.05	50	3/ 6/03	16:48	D. Otero	8021B	1825
Xylenes, total	ND	mg/kg	0.05	50	3/ 6/03	16:48	D. Otero	8021B	1825
TPH (Gasoline Range)	ND	mg/kg	50	50	3/ 6/03	16:48	D. Otero	8015B	1825
TPH (Diesel Range)	ND	mg/kg	10	1	3/ 7/03	22:12	M.Jarrett	8015B	579
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	mg/kg	0.002	1	3/ 6/03	17:32	J. Yun	8260B	1925
Methyl-t-amyl ether	ND	mg/kg	0.002	1	3/ 6/03	17:32	J. Yun	8260B	1925
Tertiary butyl alcohol	ND	mg/kg	0.05	1	3/ 6/03	17:32	J. Yun	8260B	1925
1,2-Dibromoethane	ND	mg/kg	0.002	1	3/ 6/03	17:32	J. Yun	8260B	1925
1,2-Dichloroethane	ND	mg/kg	0.002	1	3/ 6/03	17:32	J. Yun	8260B	1925
Methyl-t-butyl ether	ND	mg/kg	0.002	1	3/ 6/03	17:32	J. Yun	8260B	1925
Diisopropyl ether	ND	mg/kg	0.01	1	3/ 6/03	17:32	J. Yun	8260B	1925

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 03-A30546
Sample ID: B8-(10-10.5')
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH/DRO	24.9 gm	1.0 ml	3/ 5/03		M. Ricke	3550
Volatile Organics	5.0 g	5.0 ml	3/ 3/03	16:00	K. Turner	5035
BTX Prep	5.0 g	5.0 ml	2/26/03	10:50	J. Redmond	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	82.	51. - 161.
TPH Hi Surr., o-Terphenyl	90.	35. - 135.
VOA Surr 1,2-DCA-d4	103.	56. - 155.
VOA Surr Toluene-d8	102.	79. - 130.
VOA Surr, 4-BFB	100.	62. - 155.
VOA Surr, DBFM	109.	74. - 127.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.
BTEX PQL's elevated due to sample matrix.
Analysis at a lower lower dilution did not meet method QC requirements.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Lab Number: 03-A30547
Sample ID: B8-(15-15.5')
Sample Type: Soil
Site ID: 7-0210

Date Collected: 2/26/03
Time Collected: 11:25
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	80.9	%		1	3/ 6/03	19:00	M. Cauthen	CLP	8136
ORGANIC PARAMETERS									
Benzene	ND	mg/kg	0.001	1	3/ 5/03	23:30	J. Redmond	8021B	7159
Ethylbenzene	ND	mg/kg	0.001	1	3/ 5/03	23:30	J. Redmond	8021B	7159
Toluene	ND	mg/kg	0.001	1	3/ 5/03	23:30	J. Redmond	8021B	7159
Xylenes, total	ND	mg/kg	0.001	1	3/ 5/03	23:30	J. Redmond	8021B	7159
TPH (Gasoline Range)	ND	mg/kg	5	1	3/ 5/03	23:30	J. Redmond	8015B	7159
TPH (Diesel Range)	ND	mg/kg	9.88	1	3/ 7/03	22:32	M.Jarrett	8015B	579
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	mg/kg	0.002	1	3/ 6/03	18:05	J. Yun	8260B	1925
Methyl-t-amyl ether	ND	mg/kg	0.002	1	3/ 6/03	18:05	J. Yun	8260B	1925
Tertiary butyl alcohol	ND	mg/kg	0.05	1	3/ 6/03	18:05	J. Yun	8260B	1925
1,2-Dibromoethane	ND	mg/kg	0.002	1	3/ 6/03	18:05	J. Yun	8260B	1925
1,2-Dichloroethane	ND	mg/kg	0.002	1	3/ 6/03	18:05	J. Yun	8260B	1925
Methyl-t-butyl ether	ND	mg/kg	0.002	1	3/ 6/03	18:05	J. Yun	8260B	1925
Diisopropyl ether	ND	mg/kg	0.01	1	3/ 6/03	18:05	J. Yun	8260B	1925

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 03-A30547
Sample ID: B8-(15-15.5')
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH/DRO	25.3 gm	1.0 ml	3/ 5/03		M. Ricke	3550
Volatile Organics	5.0 g	5.0 ml	3/ 3/03	16:02	K. Turner	5035
BTX Prep	5.7 g	5.0 ml	2/26/03	11:25	J. Redmond	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	87.	51. - 161.
TPH Hi Surr., o-Terphenyl	83.	35. - 135.
VOA Surr 1,2-DCA-d4	103.	56. - 155.
VOA Surr Toluene-d8	104.	79. - 130.
VOA Surr, 4-BFB	100.	62. - 155.
VOA Surr, DBFM	109.	74. - 127.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Lab Number: 03-A30548
Sample ID: B8-(17-17.5')
Sample Type: Soil
Site ID: 7-0210

Date Collected: 2/26/03
Time Collected: 11:36
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	82.3	%		1	3/ 6/03	19:00	M. Cauthen	CLP	8136
ORGANIC PARAMETERS									
Benzene	ND	mg/kg	0.001	1	3/ 6/03	0:03	J. Redmond	8021B	7159
Ethylbenzene	ND	mg/kg	0.001	1	3/ 6/03	0:03	J. Redmond	8021B	7159
Toluene	ND	mg/kg	0.001	1	3/ 6/03	0:03	J. Redmond	8021B	7159
Xylenes, total	ND	mg/kg	0.001	1	3/ 6/03	0:03	J. Redmond	8021B	7159
TPH (Gasoline Range)	ND	mg/kg	5	1	3/ 6/03	0:03	J. Redmond	8015B	7159
TPH (Diesel Range)	ND	mg/kg	9.92	1	3/ 8/03	4:29	M.Jarrett	8015B	579
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	mg/kg	0.002	1	3/ 6/03	18:38	J. Yun	8260B	1925
Methyl-t-amyl ether	ND	mg/kg	0.002	1	3/ 6/03	18:38	J. Yun	8260B	1925
Tertiary butyl alcohol	ND	mg/kg	0.05	1	3/ 6/03	18:38	J. Yun	8260B	1925
1,2-Dibromoethane	ND	mg/kg	0.002	1	3/ 6/03	18:38	J. Yun	8260B	1925
1,2-Dichloroethane	ND	mg/kg	0.002	1	3/ 6/03	18:38	J. Yun	8260B	1925
Methyl-t-butyl ether	ND	mg/kg	0.002	1	3/ 6/03	18:38	J. Yun	8260B	1925
Diisopropyl ether	ND	mg/kg	0.01	1	3/ 6/03	18:38	J. Yun	8260B	1925

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 03-A30548
Sample ID: B8-(17-17.5')
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH/DRO	25.2 gm	1.0 ml	3/ 5/03		M. Ricke	3550
Volatile Organics	5.0 g	5.0 ml	3/ 3/03	16:04	K. Turner	5035
BTX Prep	5.2 g	5.0 ml	2/26/03	11:36	J. Redmond	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	89.	51. - 161.
TPH Hi Surr., o-Terphenyl	77.	35. - 135.
VOA Surr 1,2-DCA-d4	105.	56. - 155.
VOA Surr Toluene-d8	104.	79. - 130.
VOA Surr, 4-BFB	100.	62. - 155.
VOA Surr, DBFM	111.	74. - 127.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Lab Number: 03-A30549
Sample ID: B8-(23-23.5')
Sample Type: Soil
Site ID: 7-0210

Date Collected: 2/26/03
Time Collected: 11:44
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
GENERAL CHEMISTRY PARAMETERS									
% Dry Weight	78.4	%		1	3/ 6/03	19:00	M. Cauthen	CLP	8136
ORGANIC PARAMETERS									
Benzene	0.002	mg/kg	0.001	1	3/ 6/03	0:36	J. Redmond	8021B	7159
Ethylbenzene	ND	mg/kg	0.001	1	3/ 6/03	0:36	J. Redmond	8021B	7159
Toluene	0.003	mg/kg	0.001	1	3/ 6/03	0:36	J. Redmond	8021B	7159
Xylenes, total	ND	mg/kg	0.001	1	3/ 6/03	0:36	J. Redmond	8021B	7159
TPH (Gasoline Range)	ND	mg/kg	5	1	3/ 6/03	0:36	J. Redmond	8015B	7159
TPH (Diesel Range)	ND	mg/kg	10	1	3/ 8/03	4:49	M.Jarrett	8015B	579
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	mg/kg	0.002	1	3/ 6/03	19:10	J. Yun	8260B	1925
Methyl-t-amyl ether	ND	mg/kg	0.002	1	3/ 6/03	19:10	J. Yun	8260B	1925
Tertiary butyl alcohol	ND	mg/kg	0.05	1	3/ 6/03	19:10	J. Yun	8260B	1925
1,2-Dibromoethane	ND	mg/kg	0.002	1	3/ 6/03	19:10	J. Yun	8260B	1925
1,2-Dichloroethane	ND	mg/kg	0.002	1	3/ 6/03	19:10	J. Yun	8260B	1925
Methyl-t-butyl ether	ND	mg/kg	0.002	1	3/ 6/03	19:10	J. Yun	8260B	1925
Diisopropyl ether	ND	mg/kg	0.01	1	3/ 6/03	19:10	J. Yun	8260B	1925

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 03-A30549
Sample ID: B8-(23-23.5')
Project:

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH/DRO	24.9 gm	1.0 ml	3/ 5/03		M. Ricke	3550
Volatile Organics	5.0 g	5.0 ml	3/ 3/03	16:06	K. Turner	5035
BTX Prep	4.8 g	5.0 ml	2/26/03	11:44	J. Redmond	5035

Surrogate	% Recovery	Target Range
UST surr-Trifluorotoluene	88.	51. - 161.
TPH Hi Surr., o-Terphenyl	83.	35. - 135.
VOA Surr 1,2-DCA-d4	98.	56. - 155.
VOA Surr Toluene-d8	103.	79. - 130.
VOA Surr, 4-BFB	100.	62. - 155.
VOA Surr, DBFM	106.	74. - 127.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.
All results reported on a wet weight basis.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Lab Number: 03-A30551
Sample ID: B5-(15')
Sample Type: Water
Site ID: 7-0210

Date Collected: 2/26/03
Time Collected: 14:57
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	1.0	1.0	3/ 5/03	22:05	H. Wagner	8021B	7364
Ethylbenzene	ND	ug/L	1.0	1.0	3/ 5/03	22:05	H. Wagner	8021B	7364
Toluene	ND	ug/L	1.0	1.0	3/ 5/03	22:05	H. Wagner	8021B	7364
Xylenes (Total)	ND	ug/L	1.0	1.0	3/ 5/03	22:05	H. Wagner	8021B	7364
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	3/ 5/03	22:05	H. Wagner	8015B	7364
TPH (Diesel Range)	61.	ug/L	50.	1.0	3/ 8/03	7:45	M.Jarrett	8015B/3510	9613
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	3/ 3/03	22:44	S. Davis	8260B	502
tert-amyl methyl ether	ND	ug/L	0.50	1.0	3/ 3/03	22:44	S. Davis	8260B	502
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	3/ 3/03	22:44	S. Davis	8260B	502
1,2-Dibromoethane	ND	ug/L	0.50	1.0	3/ 3/03	22:44	S. Davis	8260B	502
1,2-Dichloroethane	ND	ug/L	0.50	1.0	3/ 3/03	22:44	S. Davis	8260B	502
Methyl-t-butyl ether	35.3	ug/L	0.50	1.0	3/ 3/03	22:44	S. Davis	8260B	502
Diisopropyl ether	ND	ug/L	0.50	1.0	3/ 3/03	22:44	S. Davis	8260B	502

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1.00 ml	3/ 4/03		M. Ricke	3510

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 03-A30551
Sample ID: B5-(15')
Project:

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	90.	41. - 155.
BTEX/GRO Surr., a,a,a-TFT	106.	69. - 132.
VOA Surr 1,2-DCA-d4	106.	73. - 133.
VOA Surr Toluene-d8	106.	80. - 121.
VOA Surr, 4-BFB	104.	80. - 128.
VOA Surr, DBFM	110.	81. - 121.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Lab Number: 03-A30552
Sample ID: B5-(21-24')
Sample Type: Water
Site ID: 7-0210

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Date Collected: 2/26/03
Time Collected: 15:47
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	1.0	1.0	3/ 5/03	22:35	H. Wagner	8021B	7364
Ethylbenzene	ND	ug/L	1.0	1.0	3/ 5/03	22:35	H. Wagner	8021B	7364
Toluene	ND	ug/L	1.0	1.0	3/ 5/03	22:35	H. Wagner	8021B	7364
Xylenes (Total)	ND	ug/L	1.0	1.0	3/ 5/03	22:35	H. Wagner	8021B	7364
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	3/ 5/03	22:35	H. Wagner	8015B	7364
TPH (Diesel Range)	116.	ug/L	50.	1.0	3/ 8/03	8:05	M.Jarrett	8015B/3510	9613
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	3/ 3/03	23:10	S. Davis	8260B	502
tert-amyl methyl ether	ND	ug/L	0.50	1.0	3/ 3/03	23:10	S. Davis	8260B	502
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	3/ 3/03	23:10	S. Davis	8260B	502
1,2-Dibromoethane	ND	ug/L	0.50	1.0	3/ 3/03	23:10	S. Davis	8260B	502
1,2-Dichloroethane	ND	ug/L	0.50	1.0	3/ 3/03	23:10	S. Davis	8260B	502
Methyl-t-butyl ether	8.10	ug/L	0.50	1.0	3/ 3/03	23:10	S. Davis	8260B	502
Diisopropyl ether	ND	ug/L	0.50	1.0	3/ 3/03	23:10	S. Davis	8260B	502

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1.00 ml	3/ 4/03		M. Ricke	3510

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 03-A30552
Sample ID: B5-(21-24')
Project:

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	99.	41. - 155.
BTEX/GRO Surr., a,a,a-TFT	108.	69. - 132.
VOA Surr 1,2-DCA-d4	114.	73. - 133.
VOA Surr Toluene-d8	113.	80. - 121.
VOA Surr, 4-BFB	107.	80. - 128.
VOA Surr, DBFM	109.	81. - 121.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Lab Number: 03-A30553
Sample ID: B6-(20')
Sample Type: Water
Site ID: 7-0210

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Date Collected: 2/26/03
Time Collected: 13:10
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	1.0	1.0	3/ 5/03	23:05	H. Wagner	8021B	7364
Ethylbenzene	ND	ug/L	1.0	1.0	3/ 5/03	23:05	H. Wagner	8021B	7364
Toluene	ND	ug/L	1.0	1.0	3/ 5/03	23:05	H. Wagner	8021B	7364
Xylenes (Total)	ND	ug/L	1.0	1.0	3/ 5/03	23:05	H. Wagner	8021B	7364
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	3/ 5/03	23:05	H. Wagner	8015B	7364
TPH (Diesel Range)	ND	ug/L	50.	1.0	3/ 8/03	8:24	M.Jarrett	8015B/3510	9613
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	3/ 1/03	23:46	S. Davis	8260B	9340
tert-amyl methyl ether	ND	ug/L	0.50	1.0	3/ 1/03	23:46	S. Davis	8260B	9340
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	3/ 1/03	23:46	S. Davis	8260B	9340
1,2-Dibromoethane	ND	ug/L	0.50	1.0	3/ 1/03	23:46	S. Davis	8260B	9340
1,2-Dichloroethane	ND	ug/L	0.50	1.0	3/ 1/03	23:46	S. Davis	8260B	9340
Methyl-t-butyl ether	2.10	ug/L	0.50	1.0	3/ 1/03	23:46	S. Davis	8260B	9340
Diisopropyl ether	ND	ug/L	0.50	1.0	3/ 1/03	23:46	S. Davis	8260B	9340

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1.00 ml	3/ 4/03		M. Ricke	3510

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 03-A30553
Sample ID: B6-(20')
Project:

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	92.	41. - 155.
BTEX/GRO Surr., a,a,a-TFT	106.	69. - 132.
VOA Surr 1,2-DCA-d4	86.	73. - 133.
VOA Surr Toluene-d8	93.	80. - 121.
VOA Surr, 4-BFB	95.	80. - 128.
VOA Surr, DBFM	94.	81. - 121.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Lab Number: 03-A30554
Sample ID: B7-(17')
Sample Type: Water
Site ID: 7-0210

Date Collected: 2/26/03
Time Collected: 16:56
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	1.0	1.0	3/ 5/03	23:36	H. Wagner	8021B	7364
Ethylbenzene	ND	ug/L	1.0	1.0	3/ 5/03	23:36	H. Wagner	8021B	7364
Toluene	ND	ug/L	1.0	1.0	3/ 5/03	23:36	H. Wagner	8021B	7364
Xylenes (Total)	ND	ug/L	1.0	1.0	3/ 5/03	23:36	H. Wagner	8021B	7364
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	3/ 5/03	23:36	H. Wagner	8015B	7364
TPH (Diesel Range)	ND	ug/L	50.	1.0	3/ 8/03	8:44	M.Jarrett	8015B/3510	9613
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	3/ 2/03	0:11	S. Davis	8260B	9340
tert-amyl methyl ether	ND	ug/L	0.50	1.0	3/ 2/03	0:11	S. Davis	8260B	9340
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	3/ 2/03	0:11	S. Davis	8260B	9340
1,2-Dibromoethane	ND	ug/L	0.50	1.0	3/ 2/03	0:11	S. Davis	8260B	9340
1,2-Dichloroethane	ND	ug/L	0.50	1.0	3/ 2/03	0:11	S. Davis	8260B	9340
Methyl-t-butyl ether	ND	ug/L	0.50	1.0	3/ 2/03	0:11	S. Davis	8260B	9340
Diisopropyl ether	ND	ug/L	0.50	1.0	3/ 2/03	0:11	S. Davis	8260B	9340

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1.00 ml	3/ 4/03		M. Ricke	3510

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 03-A30554
Sample ID: B7-(17')
Project:

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	112.	41. - 155.
BTEX/GRO Surr., a,a,a-TFT	107.	69. - 132.
VOA Surr 1,2-DCA-d4	92.	73. - 133.
VOA Surr Toluene-d8	97.	80. - 121.
VOA Surr, 4-BFB	102.	80. - 128.
VOA Surr, DBFM	93.	81. - 121.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Lab Number: 03-A30555
Sample ID: B7-(19-21')
Sample Type: Water
Site ID: 7-0210

Date Collected: 2/26/03
Time Collected: 17:34
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	1.0	1.0	3/ 6/03	0:06	H. Wagner	8021B	7364
Ethylbenzene	ND	ug/L	1.0	1.0	3/ 6/03	0:06	H. Wagner	8021B	7364
Toluene	ND	ug/L	1.0	1.0	3/ 6/03	0:06	H. Wagner	8021B	7364
Xylenes (Total)	ND	ug/L	1.0	1.0	3/ 6/03	0:06	H. Wagner	8021B	7364
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	3/ 6/03	0:06	H. Wagner	8015B	7364
TPH (Diesel Range)	66.	ug/L	50.	1.0	3/ 8/03	9:04	M.Jarrett	8015B/3510	9613
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	3/ 2/03	0:37	S. Davis	8260B	9340
tert-amyl methyl ether	ND	ug/L	0.50	1.0	3/ 2/03	0:37	S. Davis	8260B	9340
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	3/ 2/03	0:37	S. Davis	8260B	9340
1,2-Dibromoethane	ND	ug/L	0.50	1.0	3/ 2/03	0:37	S. Davis	8260B	9340
1,2-Dichloroethane	ND	ug/L	0.50	1.0	3/ 2/03	0:37	S. Davis	8260B	9340
Methyl-t-butyl ether	ND	ug/L	0.50	1.0	3/ 2/03	0:37	S. Davis	8260B	9340
Diisopropyl ether	ND	ug/L	0.50	1.0	3/ 2/03	0:37	S. Davis	8260B	9340

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1.00 ml	3/ 4/03		M. Ricke	3510

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 03-A30555
Sample ID: B7-(19-21')
Project:

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	91.	41. - 155.
BTEX/GRO Surr., a,a,a-TFT	107.	69. - 132.
VOA Surr 1,2-DCA-d4	91.	73. - 133.
VOA Surr Toluene-d8	96.	80. - 121.
VOA Surr, 4-BFB	98.	80. - 128.
VOA Surr, DBFM	93.	81. - 121.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Lab Number: 03-A30556
Sample ID: B8-(17')
Sample Type: Water
Site ID: 7-0210

Date Collected: 2/26/03
Time Collected: 11:26
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	1.0	1.0	3/ 6/03	0:36	H. Wagner	8021B	7364
Ethylbenzene	ND	ug/L	1.0	1.0	3/ 6/03	0:36	H. Wagner	8021B	7364
Toluene	ND	ug/L	1.0	1.0	3/ 6/03	0:36	H. Wagner	8021B	7364
Xylenes (Total)	ND	ug/L	1.0	1.0	3/ 6/03	0:36	H. Wagner	8021B	7364
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	3/ 6/03	0:36	H. Wagner	8015B	7364
TPH (Diesel Range)	ND	ug/L	50.	1.0	3/ 8/03	9:44	M.Jarrett	8015B/3510	9613
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	3/ 2/03	1:03	S. Davis	8260B	9340
tert-amyl methyl ether	ND	ug/L	0.50	1.0	3/ 2/03	1:03	S. Davis	8260B	9340
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	3/ 2/03	1:03	S. Davis	8260B	9340
1,2-Dibromoethane	ND	ug/L	0.50	1.0	3/ 2/03	1:03	S. Davis	8260B	9340
1,2-Dichloroethane	ND	ug/L	0.50	1.0	3/ 2/03	1:03	S. Davis	8260B	9340
Methyl-t-butyl ether	1.40	ug/L	0.50	1.0	3/ 2/03	1:03	S. Davis	8260B	9340
Diisopropyl ether	ND	ug/L	0.50	1.0	3/ 2/03	1:03	S. Davis	8260B	9340

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1.00 ml	3/ 4/03		M. Ricke	3510

Sample report continued . . .

TestAmerica
INCORPORATED

ANALYTICAL REPORT

Laboratory Number: 03-A30556
Sample ID: B8-(17')
Project:

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	98.	41. - 155.
BTEX/GRO Surr., a,a,a-TFT	104.	69. - 132.
VOA Surr 1,2-DCA-d4	91.	73. - 133.
VOA Surr Toluene-d8	97.	80. - 121.
VOA Surr, 4-BFB	95.	80. - 128.
VOA Surr, DBFM	96.	81. - 121.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

TestAmerica
INCORPORATED

ANALYTICAL REPORT

ETIC 3865
JACOB HENRY
2285 MORELLO AVENUE
PLEASANT HILL, CA 94523

Project:
Project Name: EXXONMOBIL 7-0210
Sampler: JACOB HENRY

Lab Number: 03-A30557
Sample ID: B8-(21-24')
Sample Type: Water
Site ID: 7-0210

Date Collected: 2/26/03
Time Collected: 12:11
Date Received: 2/28/03
Time Received: 9:00
Page: 1

Analyte	Result	Units	Report Limit	Dil Factor	Analysis Date	Analysis Time	Analyst	Method	Batch
ORGANIC PARAMETERS									
Benzene	ND	ug/L	1.0	1.0	3/ 6/03	1:07	H. Wagner	8021B	7364
Ethylbenzene	ND	ug/L	1.0	1.0	3/ 6/03	1:07	H. Wagner	8021B	7364
Toluene	ND	ug/L	1.0	1.0	3/ 6/03	1:07	H. Wagner	8021B	7364
Xylenes (Total)	ND	ug/L	1.0	1.0	3/ 6/03	1:07	H. Wagner	8021B	7364
TPH (Gasoline Range)	ND	ug/L	50.0	1.0	3/ 6/03	1:07	H. Wagner	8015B	7364
TPH (Diesel Range)	ND	ug/L	50.	1.0	3/ 8/03	10:04	M.Jarrett	8015B/3510	9613
VOLATILE ORGANICS									
Ethyl-t-butylether	ND	ug/L	0.50	1.0	3/ 2/03	1:29	S. Davis	8260B	9340
tert-amyl methyl ether	ND	ug/L	0.50	1.0	3/ 2/03	1:29	S. Davis	8260B	9340
Tertiary butyl alcohol	ND	ug/L	10.0	1.0	3/ 2/03	1:29	S. Davis	8260B	9340
1,2-Dibromoethane	ND	ug/L	0.50	1.0	3/ 2/03	1:29	S. Davis	8260B	9340
1,2-Dichloroethane	ND	ug/L	0.50	1.0	3/ 2/03	1:29	S. Davis	8260B	9340
Methyl-t-butyl ether	2.40	ug/L	0.50	1.0	3/ 2/03	1:29	S. Davis	8260B	9340
Diisopropyl ether	ND	ug/L	0.50	1.0	3/ 2/03	1:29	S. Davis	8260B	9340

Silica Gel Cleanup performed for TPH-DRO analysis.

Sample Extraction Data

Parameter	Wt/Vol Extracted	Extract Vol	Date	Time	Analyst	Method
EPH	1000 ml	1.00 ml	3/ 4/03		M. Ricke	3510

Sample report continued . . .

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ANALYTICAL REPORT

Laboratory Number: 03-A30557
Sample ID: B8-(21-24')
Project:

Surrogate	% Recovery	Target Range
TPH Hi Surr., o-Terphenyl	111.	41. - 155.
BTEX/GRO Surr., a,a,a-TFT	104.	69. - 132.
VOA Surr 1,2-DCA-d4	89.	73. - 133.
VOA Surr Toluene-d8	94.	80. - 121.
VOA Surr, 4-BFB	93.	80. - 128.
VOA Surr, DBFM	97.	81. - 121.

LABORATORY COMMENTS:

ND = Not detected at the report limit.
B = Analyte was detected in the method blank.
J = Estimated Value below Report Limit.
E = Estimated Value above the calibration limit of the instrument.
# = Recovery outside Laboratory historical or method prescribed limits.

End of Sample Report.

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EXXONMOBIL 7-0210
Page: 1
Laboratory Receipt Date: 2/28/03

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample
UST ANALYSIS								
Benzene	mg/kg	2.45	26.5	25.0	96	63. - 152.	7159	03-A30027
Toluene	mg/kg	18.4	40.0	25.0	86	68. - 140.	7159	03-A30027
Ethylbenzene	mg/kg	13.9	38.0	25.0	96	54. - 153.	7159	03-A30027
Xylenes, total	mg/kg	80.2	120.	50.0	80	57. - 146.	7159	03-A30027
TPH (Gasoline Range)	mg/kg	< 5.00	10.1	10.0	101	70. - 139.	7159	blank
TPH (Diesel Range)	mg/kg	< 9.92	45.7	40.0	114	29. - 141.	579	03-A30538
Benzene	mg/l	0.0005	0.0534	0.0500	106	74. - 129.	7364	03-A29585
Toluene	mg/l	< 0.0005	0.0523	0.0500	105	74. - 128.	7364	03-A29585
Ethylbenzene	mg/l	< 0.0005	0.0534	0.0500	107	75. - 128.	7364	03-A29585
Xylenes (Total)	mg/l	< 0.0005	0.0994	0.100	99	72. - 126.	7364	03-A29585
TPH (Gasoline Range)	mg/l	< 0.0500	1.05	1.00	105	59. - 128.	7364	03-A29585
TPH (Diesel Range)	mg/l	< 0.050	0.847	1.00	85	23. - 120.	9613	BLANK
BTEX/GRO Surr., a,a,a-TFT	% Recovery				100	69 - 132	7364	
VOA Surr 1,2-DCA-d4	% Rec				92	73. - 133.	9340	
VOA Surr 1,2-DCA-d4	% Rec				103	73. - 133.	502	
VOA Surr Toluene-d8	% Rec				88	80. - 121.	9340	
VOA Surr Toluene-d8	% Rec				104	80. - 121.	502	
VOA Surr, 4-BFB	% Rec				99	80. - 128.	9340	
VOA Surr, 4-BFB	% Rec				106	80. - 128.	502	
VOA Surr, DBFM	% Rec				93	81. - 121.	9340	
VOA Surr, DBFM	% Rec				105	81. - 121.	502	

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EXXONMOBIL 7-0210
Page: 2
Laboratory Receipt Date: 2/28/03

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample

Matrix Spike Recovery

Note: If Blank is referenced as the sample spiked, insufficient volume was received for the defined analytical batch for MS/MSD analysis on an true sample matrix. Laboratory reagent water was used for QC purposes.

Analyte	units	Orig. Val.	MS Val	Spike Conc	Recovery	Target Range	Q.C. Batch	Spike Sample

METALS								
Lead	mg/kg	4.44	93.9	100.	89	80 - 120	8792	Duplicate

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
UST PARAMETERS						
Benzene	mg/kg	26.5	25.5	3.85	18.	7159
Toluene	mg/kg	40.0	40.0	0.00	20.	7159
Ethylbenzene	mg/kg	38.0	37.5	1.32	18.	7159
Xylenes, total	mg/kg	120.	120.	0.00	21.	7159
TPH (Gasoline Range)	mg/kg	10.1	9.22	9.11	29.	7159
TPH (Diesel Range)	mg/kg	45.7	32.3	34.36#	20.	579
Benzene	mg/l	0.0534	0.0564	5.46	15.	7364
Toluene	mg/l	0.0523	0.0557	6.30	15.	7364
Ethylbenzene	mg/l	0.0534	0.0567	5.99	15.	7364
Xylenes (Total)	mg/l	0.0994	0.105	5.48	19.	7364
TPH (Gasoline Range)	mg/l	1.05	1.11	5.56	22.	7364
TPH (Diesel Range)	mg/l	0.847	0.988	15.37	20.	9613
BTEX/GRO Surr., a,a,a-TFT	% Recovery		101.			7364

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EXXONMOBIL 7-0210
Page: 3
Laboratory Receipt Date: 2/28/03

VOA Surr 1,2-DCA-d4	% Rec	89.	9340
VOA Surr 1,2-DCA-d4	% Rec	103.	502
VOA Surr 1,2-DCA-d4	% Rec	84.	1092
VOA Surr 1,2-DCA-d4	% Rec	84.	1925
VOA Surr Toluene-d8	% Rec	91.	9340
VOA Surr Toluene-d8	% Rec	103.	502
VOA Surr Toluene-d8	% Rec	109.	1092
VOA Surr Toluene-d8	% Rec	109.	1925
VOA Surr, 4-BFB	% Rec	97.	9340
VOA Surr, 4-BFB	% Rec	105.	502
VOA Surr, 4-BFB	% Rec	103.	1092
VOA Surr, 4-BFB	% Rec	103.	1925
VOA Surr, DBFM	% Rec	91.	9340
VOA Surr, DBFM	% Rec	107.	502
VOA Surr, DBFM	% Rec	100.	1092
VOA Surr, DBFM	% Rec	100.	1925

Matrix Spike Duplicate

Analyte	units	Orig. Val.	Duplicate	RPD	Limit	Q.C. Batch
METALS						
Lead	mg/kg	93.9	91.4	2.70	20	8792

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
UST PARAMETERS						
Benzene	mg/kg	0.100	0.095	95	70 - 146	7159
Benzene	mg/kg	0.100	0.088	88	70 - 146	1825
Toluene	mg/kg	0.100	0.097	97	71 - 137	7159
Toluene	mg/kg	0.100	0.086	86	71 - 137	1825
Ethylbenzene	mg/kg	0.100	0.098	98	70 - 137	7159

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EXXONMOBIL 7-0210
Page: 4
Laboratory Receipt Date: 2/28/03

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Ethylbenzene	mg/kg	0.100	0.088	88	70 - 137	1825
Xylenes, total	mg/kg	0.200	0.202	101	70 - 134	7159
Xylenes, total	mg/kg	0.200	0.171	86	70 - 134	1825
TPH (Gasoline Range)	mg/kg	10.0	10.1	101	77 - 135	7159
TPH (Gasoline Range)	mg/kg	10.0	10.3	103	77 - 135	1825
TPH (Diesel Range)	mg/kg	40.0	37.5	94	56 - 123	579
Benzene	mg/l	0.100	0.0943	94	74 - 124	7364
Toluene	mg/l	0.100	0.0936	94	74 - 121	7364
Ethylbenzene	mg/l	0.100	0.0946	95	75 - 123	7364
Xylenes (Total)	mg/l	0.200	0.185	92	72 - 120	7364
TPH (Gasoline Range)	mg/l	1.00	1.05	105	61 - 139	7364
TPH (Diesel Range)	mg/l	1.00	0.595	60	42 - 115	9613
BTEX/GRO Surr., a,a,a-TFT	% Recovery			97	69 - 132	7364

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA PARAMETERS						
Ethyl-t-butylether	mg/l	0.0500	0.0566	113	69 - 142	9340
Ethyl-t-butylether	mg/l	0.0500	0.0591	118	69 - 142	502
Ethyl-t-butylether	mg/kg	0.0500	0.0532	106	57 - 158	1092
Ethyl-t-butylether	mg/kg	0.0500	0.0556	111	57 - 158	1925
tert-amyl methyl ether	mg/L	0.0500	0.0595	119	70 - 141	9340
tert-amyl methyl ether	mg/L	0.0500	0.0473	95	70 - 141	502
Methyl-t-amyl ether	mg/Kg	0.0500	0.0528	106	64 - 153	1092
Methyl-t-amyl ether	mg/Kg	0.0500	0.0547	109	64 - 153	1925
Tertiary butyl alcohol	mg/l	0.500	0.533	107	35 - 157	9340
Tertiary butyl alcohol	mg/l	0.500	0.524	105	35 - 157	502
Tertiary butyl alcohol	mg/kg	0.500	0.522	104	48 - 157	1092

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EXXONMOBIL 7-0210
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Laboratory Receipt Date: 2/28/03

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
Tertiary butyl alcohol	mg/kg	0.500	0.581	116	48 - 157	1925
1,2-Dibromoethane	mg/l	0.0500	0.0513	103	79 - 126	9340
1,2-Dibromoethane	mg/l	0.0500	0.0501	100	79 - 126	502
1,2-Dibromoethane	mg/kg	0.0500	0.0524	105	70 - 131	1092
1,2-Dibromoethane	mg/kg	0.0500	0.0540	108	70 - 131	1925
1,2-Dichloroethane	mg/l	0.0500	0.0506	101	71 - 135	9340
1,2-Dichloroethane	mg/l	0.0500	0.0507	101	71 - 135	502
1,2-Dichloroethane	mg/kg	0.0500	0.0433	87	71 - 133	1092
1,2-Dichloroethane	mg/kg	0.0500	0.0461	92	71 - 133	1925
Methyl-t-butyl ether	mg/l	0.0500	0.0545	109	66 - 137	9340
Methyl-t-butyl ether	mg/l	0.0500	0.0546	109	66 - 137	502
Methyl-t-butyl ether	mg/kg	0.0500	0.0539	108	69 - 134	1092
Methyl-t-butyl ether	mg/kg	0.0500	0.0581	116	69 - 134	1925
Diisopropyl ether	mg/l	0.0500	0.0535	107	70 - 134	9340
Diisopropyl ether	mg/l	0.0500	0.0534	107	70 - 134	502
Diisopropyl ether	mg/kg	0.0500	0.0502	100	71 - 132	1092
Diisopropyl ether	mg/kg	0.0500	0.0525	105	71 - 132	1925
VOA Surr 1,2-DCA-d4	% Rec			86	73 - 133	9340
VOA Surr 1,2-DCA-d4	% Rec			101	73 - 133	502
VOA Surr 1,2-DCA-d4	% Rec			85	56 - 155	1092
VOA Surr 1,2-DCA-d4	% Rec			89	56 - 155	1925
VOA Surr Toluene-d8	% Rec			94	80 - 121	9340
VOA Surr Toluene-d8	% Rec			102	80 - 121	502
VOA Surr Toluene-d8	% Rec			109	79 - 130	1092
VOA Surr Toluene-d8	% Rec			110	79 - 130	1925
VOA Surr, 4-BFB	% Rec			100	80 - 128	9340
VOA Surr, 4-BFB	% Rec			103	80 - 128	502
VOA Surr, 4-BFB	% Rec			103	62 - 155	1092
VOA Surr, 4-BFB	% Rec			106	62 - 155	1925
VOA Surr, DBFM	% Rec			91	81 - 121	9340
VOA Surr, DBFM	% Rec			107	81 - 121	502

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EXXONMOBIL 7-0210
Page: 6
Laboratory Receipt Date: 2/28/03

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
VOA Surr, DBFM	% Rec			101	74 - 127	1092
VOA Surr, DBFM	% Rec			102	74 - 127	1925

Laboratory Control Data

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
METALS						
Lead	mg/kg	100.	88.4	88	80 - 120	8792

Continuing Calibration Verification

Analyte	units	Known Val.	Analyzed Val	% Recovery	Target Range	Q.C. Batch
METALS						

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
Benzene	< 0.001	mg/kg	7159	3/ 5/03	15:46
Benzene	< 0.001	mg/kg	1825	3/ 6/03	16:16
Toluene	< 0.001	mg/kg	7159	3/ 5/03	15:46
Toluene	< 0.001	mg/kg	1825	3/ 6/03	16:16
Ethylbenzene	< 0.001	mg/kg	7159	3/ 5/03	15:46
Ethylbenzene	< 0.001	mg/kg	1825	3/ 6/03	16:16
Xylenes, total	< 0.001	mg/kg	7159	3/ 5/03	15:46

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EXXONMOBIL 7-0210
Page: 7
Laboratory Receipt Date: 2/28/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
Xylenes, total	< 0.001	mg/kg	1825	3/ 6/03	16:16
TPH (Gasoline Range)	< 5.00	mg/kg	7159	3/ 5/03	15:46
TPH (Gasoline Range)	< 5.00	mg/kg	1825	3/ 6/03	16:16
TPH (Diesel Range)	< 10.0	mg/kg	579	3/ 7/03	17:12
Benzene	< 0.0005	mg/l	7364	3/ 5/03	16:00
Toluene	< 0.0005	mg/l	7364	3/ 5/03	16:00
Ethylbenzene	< 0.0005	mg/l	7364	3/ 5/03	16:00
Xylenes (Total)	< 0.0005	mg/l	7364	3/ 5/03	16:00
TPH (Gasoline Range)	< 0.0500	mg/l	7364	3/ 5/03	16:00
TPH (Diesel Range)	< 0.050	mg/l	9613	3/ 8/03	5:28

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
UST PARAMETERS					
UST surr-Trifluorotoluene	88.	% Recovery	7159	3/ 5/03	15:46
UST surr-Trifluorotoluene	82.	% Recovery	1825	3/ 6/03	16:16
BTEX/GRO Surr., a,a,a-TFT	104.	% Recovery	7364	3/ 5/03	16:00

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
VOA PARAMETERS					
Ethyl-t-butylether	< 0.00010	mg/l	9340	3/ 1/03	22:28
Ethyl-t-butylether	< 0.00010	mg/l	502	3/ 3/03	22:19
Ethyl-t-butylether	< 0.0003	mg/kg	1092	3/ 6/03	1:15
Ethyl-t-butylether	< 0.0003	mg/kg	1925	3/ 6/03	13:44

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EXXONMOBIL 7-0210
Page: 8
Laboratory Receipt Date: 2/28/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
tert-amyl methyl ether	< 0.00019	mg/L	9340	3/ 1/03	22:28
tert-amyl methyl ether	< 0.00019	mg/L	502	3/ 3/03	22:19
Methyl-t-amyl ether	< 0.0005	mg/Kg	1092	3/ 6/03	1:15
Methyl-t-amyl ether	< 0.0005	mg/Kg	1925	3/ 6/03	13:44
Tertiary butyl alcohol	< 0.00257	mg/l	9340	3/ 1/03	22:28
Tertiary butyl alcohol	< 0.00257	mg/l	502	3/ 3/03	22:19
Tertiary butyl alcohol	< 0.0249	mg/kg	1092	3/ 6/03	1:15
Tertiary butyl alcohol	< 0.0249	mg/kg	1925	3/ 6/03	13:44
1,2-Dibromoethane	< 0.00018	mg/l	9340	3/ 1/03	22:28
1,2-Dibromoethane	< 0.00018	mg/l	502	3/ 3/03	22:19
1,2-Dibromoethane	< 0.00060	mg/kg	1092	3/ 6/03	1:15
1,2-Dibromoethane	< 0.00060	mg/kg	1925	3/ 6/03	13:44
1,2-Dichloroethane	< 0.00021	mg/l	9340	3/ 1/03	22:28
1,2-Dichloroethane	< 0.00021	mg/l	502	3/ 3/03	22:19
1,2-Dichloroethane	< 0.0004	mg/kg	1092	3/ 6/03	1:15
1,2-Dichloroethane	< 0.0004	mg/kg	1925	3/ 6/03	13:44
Methyl-t-butyl ether	< 0.00014	mg/l	9340	3/ 1/03	22:28
Methyl-t-butyl ether	< 0.00014	mg/l	502	3/ 3/03	22:19
Methyl-t-butyl ether	< 0.0006	mg/kg	1092	3/ 6/03	1:15
Methyl-t-butyl ether	< 0.0006	mg/kg	1925	3/ 6/03	13:44
Diisopropyl ether	< 0.00003	mg/l	9340	3/ 1/03	22:28
Diisopropyl ether	< 0.00003	mg/l	502	3/ 3/03	22:19
Diisopropyl ether	< 0.0006	mg/kg	1092	3/ 6/03	1:15
Diisopropyl ether	< 0.0006	mg/kg	1925	3/ 6/03	13:44
VOA Surr 1,2-DCA-d4	86.	% Rec	9340	3/ 1/03	22:28
VOA Surr 1,2-DCA-d4	102.	% Rec	502	3/ 3/03	22:19
VOA Surr 1,2-DCA-d4	104.	% Rec	1092	3/ 6/03	1:15
VOA Surr 1,2-DCA-d4	106.	% Rec	1925	3/ 6/03	13:44
VOA Surr Toluene-d8	94.	% Rec	9340	3/ 1/03	22:28
VOA Surr Toluene-d8	110.	% Rec	502	3/ 3/03	22:19
VOA Surr Toluene-d8	104.	% Rec	1092	3/ 6/03	1:15

Project QC continued . . .

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PROJECT QUALITY CONTROL DATA
Project Number:
Project Name: EXXONMOBIL 7-0210
Page: 9
Laboratory Receipt Date: 2/28/03

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Analysis Date	Analysis Time
VOA Surr Toluene-d8	101.	% Rec	1925	3/ 6/03	13:44
VOA Surr, 4-BFB	98.	% Rec	9340	3/ 1/03	22:28
VOA Surr, 4-BFB	107.	% Rec	502	3/ 3/03	22:19
VOA Surr, 4-BFB	101.	% Rec	1092	3/ 6/03	1:15
VOA Surr, 4-BFB	99.	% Rec	1925	3/ 6/03	13:44
VOA Surr, DBFM	92.	% Rec	9340	3/ 1/03	22:28
VOA Surr, DBFM	108.	% Rec	502	3/ 3/03	22:19
VOA Surr, DBFM	105.	% Rec	1092	3/ 6/03	1:15
VOA Surr, DBFM	109.	% Rec	1925	3/ 6/03	13:44

Blank Data

Analyte	Blank Value	Units	Q.C. Batch	Date Analyzed	Time Analyzed
METALS					
Lead	< 0.40	mg/kg	8792	3/ 5/03	11:28

= Value outside Laboratory historical or method prescribed QC limits.

End of Report for Project 322050

Leah Klingensmith

From: Jake Henry [JHenry@eticeng.com]
Sent: Friday, February 28, 2003 3:56 PM
To: Leah Klingensmith
Cc: Ted Moise
Subject: Re: 7-0210

Leah,

That is correct.

Jacob Henry
Geologist
ETIC Engineering
925-602-4710 ext. 35
925-602-4720 fax
jhenry@eticeng.com

>>> "Leah Klingensmith" <LKlingensmith@testamericainc.com> 02/28/03 01:18PM >>>
Hi,
The lab received the samples for the above project and wanted to verify that those soils that are not marked for analysis are to be held.
Right?

Leah R. Klingensmith
National Accounts - Project Manager
TestAmerica, Inc.
2960 Foster Creighton Drive
Nashville, TN 37204
1-800-765-0980 x 1254
Fax: 615-726-3404
lklingensmith@testamericainc.com

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

CHAIN OF CUSTODY RECORD
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: ETIC ENGINEERING
Address: 2285 MORELLO AVENUE
City/State/Zip: PLEASANT HILL, CA. 94523
ExxonMobil Project Mgr: TED MOISE
Telephone Number: (925) 602-4710 EXT. 23 Fax No.: (925) 602-4720
Sampler Name: (Print) Jacob Henry
Sampler Signature: [signature]

Report To: JACOB HENRY
Invoice To: GENE ORTEGA (EXXONMOBIL TM)
Account #: 3865
PO #: 4503010627
Facility ID # 7-0210
Site Address 7840 AMADOR VALLEY BLVD.
City, State Zip DUBLIN, CA

322050

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO_3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	None (Black Label)	Other (Specify)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: TPH-G/BTEX BY ~~8015/8021B~~ 8015/8021	~~MTBE BY 8021B~~ 7OXYS 8260	~~CONFIRM MTBE HITS BY 8260B~~	TPH-D BY 8015	RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days	STD TAT	Fax Results
B5-5-5.5'	2-26-03	1445	1				X												X									
B5-9.5-10'	↓	1447	1				X												X									
B5-10-10.5' 30536		1450	1				X												X		X	X		X			X	X
B5-14.5-15' 30537		1453	1				X												X		X	X		X			X	X
B5-18-18.5'		1512	1				X												X									
B5-22.5-23' 30538		1523	1				X												X		X	X		X			X	X
B5-24.5-25'		1518	1				X												X									
~~B5-25-25.5'~~			~~1~~				~~X~~												~~X~~									
B5-27-27.5'		1607	1				X												X									
B5-29.5-30'	↓	1605	1				X												X									

Special Instructions: GLOBAL ID# T0600100553 EDF FILE REQUIRED

~~CONFIRM ALL MTBE HITS BY 8260B~~

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	2-26-03	2000			
Relinquished by: [signature]	2-27-03	1400	Received by TestAmerica: [signature]	2-28-3	9:00

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

0.5

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204
Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

CHAIN OF CUSTODY RECORD

ExxonMobil

Consultant Name: ETIC ENGINEERING
Address: 2285 MORELLO AVENUE
City/State/Zip: PLEASANT HILL, CA. 94523
ExxonMobil Project Mgr: TED MOISE
Telephone Number: (925) 602-4710 EXT. 23 Fax No.: (925) 602-4720
Sampler Name: (Print) Jacob Henry
Sampler Signature:

Report To: JACOB HENRY
Invoice To: GENE ORTEGA (EXXONMOBIL TM)
Account #: 3865
PO #: 4503010627
Facility ID # 7-0210
Site Address 7840 AMADOR VALLEY BLVD.
City, State Zip DUBLIN, CA

322050

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO_3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	None (Black Label)	Other (Specify)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: TPH-G/BTEX BY 8015/8020	7 OXYS + MTBE BY 8260	CONFIRM ALL MTBE HITS BY 8260B	TPH-D BY 8015	RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	STD TAT	Fax Results
B6-5-5.5'	2-26-03	1246	1				X												X									
B6-9.5-10'		1247	1				X												X									
B6-10-10.5' 30579		1254	1				X												X		X	X		X			X	X
B6-14.5-15'		1256	1				X												X									
B6-16.5-17' 30540		1302	1				X												X		X	X		X			X	X
B6-17-17.5'		1306	1				X												X									
B6-19.5-20' 30541		1308	1				X												X		X	X		X			X	X
B6-26.5-27' 30542		1339	1				X												X		X	X		X			X	X
B7-5-5.5'		1647	1				X												X									
B7-9.5-10'		1650	1				X												X									

Special Instructions: GLOBAL ID# T0600100553 EDF FILE REQUIRED

~~CONFIRM ALL MTBE HITS BY 8260B~~

Relinquished by:	Date	Time	Received by:	Date	Time
	2-26-03	2000			
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	2-27-03	1400		2-28-3	0900

Laboratory Comments:
Temperature Upon Receipt: 0.5
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

CHAIN OF CUSTODY RECORD

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: ETIC ENGINEERING
Address: 2285 MORELLO AVENUE
City/State/Zip: PLEASANT HILL, CA. 94523
ExxonMobil Project Mgr: TED MOISE
Telephone Number: (925) 602-4710 EXT. 23 Fax No.: (925) 602-4720
Sampler Name: (Print) Jacob Henry
Sampler Signature:

Report To: JACOB HENRY
Invoice To: GENE ORTEGA (EXXONMOBIL TM)
Account #: 3865
PO #: 4503010627
Facility ID # 7-0210
Site Address 7840 AMADOR VALLEY BLVD.
City, State Zip DUBLIN, CA

322050

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO_3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	None (Black Label)	Other (Specify)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: TPH-G/BTEX BY 8015/8020	MTBE BY 8021B	CONFIRM MTBE HITS BY 8260B	TPH-D BY 8015	Total Lead	IRUSH TAT (Pre-Schedule)	TAT request (in Bus. Days	STD TAT	Fax Results
√ S1-1 322050	2-26-03	1755	1				X												X		X				X			X	X
√ S1-2		1756	1				X												X		X				X			X	X
√ S1-3		1800	1				X												X		X				X			X	X
√ S1-4		1802	1				X												X		X				X			X	X

Special Instructions: GLOBAL ID# T0600100553 EDF FILE REQUIRED

Composite Samples to 4to1 Sample

CONFIRM ALL MTBE HITS BY 8260B

Relinquished by:	Date	Time	Received by:	Date	Time
	2-26-03	2000			
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	2-27-03	1400	M. Hall	2-28-3	9:20

Laboratory Comments:
Temperature Upon Receipt: 0.5
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

CHAIN OF CUSTODY RECORD

ExxonMobil

Consultant Name:	ETIC ENGINEERING	**Report To:**	JACOB HENRY
Address:	2285 MORELLO AVENUE	**Invoice To:**	GENE ORTEGA (EXXONMOBIL TM)
City/State/Zip:	PLEASANT HILL, CA. 94523	**Account #:**	3865
ExxonMobil Project Mgr:	TED MOISE	**PO #:**	4503010627
Telephone Number:	(925) 602-4710 EXT. 23 **Fax No.:** (925) 602-4720	**Facility ID #**	7-0210
Sampler Name: (Print)	Jacob Henry	**Site Address**	7840 AMADOR VALLEY BLVD.
Sampler Signature:		**City, State Zip**	DUBLIN, CA

322050

	Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO_3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	None (Black Label)	Other (Specify)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: TPH-G/BTEX BY 8015/8020	7Oxy+4 MTBE BY ~~8021B~~ 8260	CONFIRM ALL MTBE HITS BY 8260B	TPH-D BY 8015	RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	STD TAT	Fax Results
3 ✓	B7-10-10.5' 30543	2-26-03	1654	1				X												X		X	X		X			X	X
7 ✓	B7-16.5-17' 30544		1704	1				X												X		X	X		X			X	X
✓	B7-18.5-19'		1709	1				X												X									
10 ✓	B7-20-20.5' 30545		1716	1				X												X		X	X		X			X	X
✓	B7-23-23.5'		1718	1				X												X									
✓	B8-5-5.5'		1040	1				X												X									
✓	B8-7-9.5'		1042	1				X												X									
11 ✓	B8-10-10.5' 30546		1050	1				X												X		X	X		X			X	X
✓	B8-14.5-15'		1053	1				X												X									
12 ✓	B8-15-15.5' 30547	↓	1125	1				X												X		X	X		X			X	X

Special Instructions: GLOBAL ID# T0600100553 EDF FILE REQUIRED

~~CONFIRM ALL MTBE HITS BY 8260B~~

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

0.5

Relinquished by:	Date	Time	Received by:	Date	Time
	2-26-03	2000			
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	2-27-03	1400	Mr. Hill	2-28-3	9:00

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

CHAIN OF CUSTODY RECORD

Phone: 615-726-0177
Toll Free: 800-765-0980
Fax: 615-726-3404

ExxonMobil

Consultant Name: ETIC ENGINEERING
Address: 2285 MORELLO AVENUE
City/State/Zip: PLEASANT HILL, CA. 94523
ExxonMobil Project Mgr: TED MOISE
Telephone Number: (925) 602-4710 EXT. 23 Fax No.: (925) 602-4720
Sampler Name: (Print) Jacob Henry
Sampler Signature:

Report To: JACOB HENRY
Invoice To: GENE ORTEGA (EXXONMOBIL TM)
Account #: 3865
PO #: 4503010627
Facility ID # 7-0210
Site Address 7840 AMADOR VALLEY BLVD.
City, State Zip DUBLIN, CA

322050

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Ice	HNO_3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	None (Black Label)	Other (Specify)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: TPH-G/BTEX BY 8015/8020	7 Oxys & MTBE BY 8260	CONFIRM MTBE HITS BY 8260B	TPH-D BY 8015	IRUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	STD TAT	Fax Results
✓ B8-16.5-17'	2-26-03	1118	1				X												X									
13 ✓ B8-17-17.5' 305455		1136	1				X												X		X	X		X			X	X
✓ B8-19.5-20'		1137	1				X												X									
14 ✓ B8-23-23.5' 305459		1144	1				X												X		X	X		X			X	X
✓ B8-24.5-25'	↓	1148	1				X												X									

Special Instructions: GLOBAL ID# T0600100553 EDF FILE REQUIRED

~~CONFIRM ALL MTBE HITS BY 8260B~~

Relinquished by:	Date	Time	Received by:	Date	Time
	2-26-03	2000			
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	2-27-03	1400		2-28-3	9:00

Laboratory Comments:
Temperature Upon Receipt: 0.5
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

CHAIN OF CUSTODY RECORD

TestAmerica INCORPORATED

Nashville Division
2960 Foster Creighton
Nashville, TN 37204

Phone: 615-726-0177
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ExxonMobil

Consultant Name:	ETIC ENGINEERING
Address:	2285 MORELLO AVENUE
City/State/Zip:	PLEASANT HILL, CA. 94523
ExxonMobil Project Mgr:	TED MOISE
Telephone Number:	(925) 602-4710 EXT. 23
Fax No.:	(925) 602-4720
Sampler Name: (Print)	Jacob Henry
Sampler Signature:	[signature]
Report To:	JACOB HENRY
Invoice To:	GENE ORTEGA (EXXONMOBIL TM)
Account #:	3865
PO #:	4503010627
Facility ID #	7-0210
Site Address	7840 AMADOR VALLEY BLVD.
City, State Zip	DUBLIN, CA

322050

Sample ID / Description	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Ice	HNO_3 (Red Label)	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	None (Black Label)	Other (Specify)	Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	TPH-G/BTEX BY 8015/8020	~~MTBE BY 8021B~~ 7 OXY/ETOH 8260	CONFIRM MTBE HITS BY 8260B	TPH-D BY 8015								RUSH TAT (Pre-Schedule)	TAT request (in Bus. Days)	STD TAT	Fax Results
B5-15' 30551	2-26-03	1457	8				X								X						X	X		X										X	X
B5-21-24' 30552	2-26-03	1547	8				X								X						X	X		X										X	X
B6-20' 30553	2-26-03	1310	8				X								X						X	X		X										X	X
B7-17' 30554	2-26-03	1656	8				X								X						X	X		X										X	X
B7-19-21' 30555	2-26-03	1734	8				X								X						X	X		X										X	X
B8-17' 30556	2-26-03	1126	8				X								X						X	X		X										X	X
B8-21-24' 30557	2-26-03	1211	8				X								X						X	X		X										X	X

Special Instructions: **GLOBAL ID# T0600100553** **EDF FILE REQUIRED**

~~CONFIRM ALL MTBE HITS BY 8260B~~

Laboratory Comments:
Temperature Upon Receipt: 0.5
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	2-26-03	2000			
Relinquished by: [signature]	2-27-03	1400	Received by TestAmerica: [signature]	2-28-03	9:00

TESTAMERICA,INC.-NASHVILLE

COOLER RECEIPT FORM

Client: ETC BC# 322050

Cooler Received On: 2/28/03 And Opened On: 2/28/03 By: MARVIN BLUMHOEFER

(Signature)

1. Temperature of Cooler when opened 0.5 **Degrees Celsius**
2. Were custody seals on outside of cooler?.....YES NO N/A
   a. If yes, how many, what kind and where:_____
   b. Were the seals intact, signed, and dated correctly?.....YES NO N/A
3. Were custody seals on containers and intact?.....NO YES N/A
4. Were custody papers inside cooler?.....YES NO N/A
5. Were custody papers properly filled out (ink,signed,etc)?.....YES NO N/A
6. Did you sign the custody papers in the appropriate place?.....YES NO N/A
7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Other None
8. Was sufficient ice used (if appropriate)?.....YES NO N/A
9. Did all bottles arrive in good condition(unbroken)?.....YES NO N/A
10. Were all bottle labels complete (#,date,signed,pres,etc)?.....YES NO N/A
11. Did all bottle labels and tags agree with custody papers?.....YES NO N/A
12. Were correct bottles used for the analysis requested?.....YES NO N/A
13. a. Were VOA vials received?.....YES NO N/A
    b. Was there any observable head space present in any VOA vial?.....NO YES N/A
14. Was sufficient amount of sample sent in each bottle?.....YES NO N/A
15. Were correct preservatives used?.....YES NO N/A
    If not, record standard ID of preservative used here_____
16. Was residual chlorine present?.....NO YES N/A
17. Corrective action taken, if necessary:

See attached for resolution B7 19-21 1 VOA B.L.S.