ExxonMobil Refining & Supply Company
Global Remediation - US Retail
4096 Piedmont Avenue #194
Oakland, California 94611
510.547.8196
510.547.8706 FAX
jennifer.c.sedlachek@exxonmobil.com

Jennifer C. Sedlachek
Project Manager

ExxonMobil
Refining & Supply

May 30, 2007

Mr. Barney Chan
Alameda County Health Care Services Agency
1131 Harbor Bay Parkway
Alameda, California 94502

Subject: Fuel Leak Investigation Site No. RO0002635
Former Exxon RAS #7-4121, 10605 Foothill Boulevard, Oakland, California

Dear Mr. Chan:

Attached for your review and comment is a copy of the *Well Installation and Additional Risk Assessment Report* dated May 2007 for the above-referenced site. The report, prepared by ETIC Engineering, Inc. of Pleasant Hill, California, details the results for a well installation and additional risk assessment performed for the site.

Upon information and belief, I declare, under penalty of perjury, that the information contained in the attached report is true and correct.

If you have any questions or comments, please contact me at 510.547.8196.

Sincerely,

Jennifer C. Sedlachek
Project Manager

Attachment: ETIC Well Installation and Additional Risk Assessment Report dated May 2007

c: w/ attachment:
Mr. Ken Phares - MacArthur Boulevard Associates, Oakland, California
Mr. Peter McIntyre - AEI Consultants

c: w/o attachment:
Mr. Bryan Campbell - ETIC Engineering, Inc.

Well Installation and Additional Risk Assessment Report

Former Exxon Retail Site 7-4121
10605 Foothill Boulevard
Oakland, California

Prepared for

ExxonMobil Oil Corporation
4096 Piedmont Avenue #194
Oakland, California 94611

Prepared by

ETIC Engineering, Inc.
2285 Morello Avenue
Pleasant Hill, California 94523
(925) 602-4710

K. Erik Appel, P.G. #8092
Project Manager

5/30/07
Date

PROFESSIONAL GEOLOGIST
BRYAN CAMPBELL
No. 7724
Exp 2/29/08
STATE OF CALIFORNIA

Bryan Campbell, P.G. #7724
Senior Geologist

5/30/07
Date

May 2007

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Former Exxon Retail Site 7-4121

SITE CONTACTS

Site Name:	Former Exxon Retail Site 7-4121
Site Address:	10605 Foothill Boulevard Oakland, California
ExxonMobil Project Manager:	Jennifer C. Sedlachek ExxonMobil Refining and Supply Company 4096 Piedmont Avenue #194 Oakland, California 94611 (510) 547-8196
Consultant to ExxonMobil:	ETIC Engineering, Inc. 2285 Morello Avenue Pleasant Hill, California 94523 (925) 602-4710
ETIC Project Manager:	K. Erik Appel
Regulatory Oversight:	Barney Chan Alameda County Health Care Services Agency Environmental Health Services 1131 Harbor Bay Parkway Alameda, California 94502 (510) 567-6765

1. INTRODUCTION

At the request of ExxonMobil Oil Corporation (ExxonMobil), ETIC Engineering, Inc. (ETIC) has prepared this Well Installation and Additional Risk Assessment Report for former Exxon Retail Site (RS) 7-4121, located at 10605 Foothill Boulevard, Oakland, California (Figure 1).

This report is being submitted based on the work performed as part of the Additional Risk Assessment and Well Installation Work Plan dated October 2006 (ETIC 2006a) which was submitted following a letter from the Alameda County Health Care Services Agency (ACHCSA) dated 25 September 2006. The work plan was approved by the ACHCSA in a letter dated 8 November 2006. An extension for the submission of this report was granted by the ACHCSA in subsequent correspondence. Copies of regulatory correspondence are included Appendix A.

The work plan proposed the installation and sampling of soil vapor wells in order to more accurately assess the potential vapor intrusion risks to onsite and offsite occupants. The work plan also proposed the installation and sampling of groundwater monitoring wells on and offsite in order to better define the extent of hydrocarbon concentrations.

The work plan proposed the installation of only four wells (MW1-MW4); however, the ACHCSA requested the installation of an additional well (MW5) at the site in its 8 November 2006 letter. Due to issues associated with encroachment permitting, one of the proposed groundwater monitoring wells (MW4) has not yet been installed. The ACHCSA has been informed of these issues. The installation of the well (MW4) is still proposed to the southwest of the site; the proposed location is now on private property and efforts to install the well are currently under way.

In addition, the preparation of a corrective action plan (CAP) was proposed. The CAP is presented in this report and includes an evaluation of multiple remedial alternatives in order to address the site conditions and especially to address the hydrocarbon concentrations at the location of the former underground storage tank (UST) excavation.

Scope of Work

The investigation consisted of the following activities:

- On 22 January 2007, soil borings VW1 through VW5 were drilled using a hand auger to a depth of 6 feet below ground surface (bgs) and were completed as soil vapor monitoring wells. Well locations are shown in Figure 2 and well construction details are shown in Table 1.
- On 23 and 24 January 2007, soil borings MW1 through MW3 and MW5 were advanced to between 25 and 26.5 feet bgs. The borings were completed as 2-inch-diameter groundwater monitoring wells. Well locations are shown in Figure 2 and well construction details are shown in Table 1.
- On 8 March 2007, the groundwater monitoring wells were developed.
- On 8 March 2007, groundwater samples were collected from the groundwater monitoring wells.
- On 12 March 2007, the wells were surveyed.

- On 27 April 2007, soil vapor samples were collected. Due to the presence of water, soil vapor samples could be collected only from wells VW1 and VW5.
- The distribution and extent of hydrocarbons in the subsurface was evaluated.
- A human health risk assessment (HHRA) was performed.
- Remedial alternatives were evaluated and a corrective action was proposed.

2. SITE BACKGROUND

2.1 SITE LOCATION, HISTORY, AND LAND USE

Former Exxon RS 7-4121 is currently a small landscaped area located at 10605 Foothill Boulevard, Oakland, California, on the south corner of the intersection of Foothill Boulevard and 106th Avenue (Figure 2). The property is currently owned by MacArthur Boulevard Associates and has a shopping center and a residential area nearby. According to internal Exxon Company, U.S.A. correspondence, the USTs were removed from the site between 20 October 1981 and 15 June 1982. Site physical features are presented on Figure 2.

According to the property owner, a commercial retail structure is currently proposed for the north corner of the site. The remainder of the site will consist of paved areas.

2.2 REGIONAL GEOLOGY AND HYDROGEOLOGY

The site is located within the Coast Range Geomorphic Province on the eastern side of San Francisco Bay near the base of the western flank of the Diablo Range. The site is located approximately 1,000 feet west of the Hayward Fault Zone through which traces of the Hayward Fault have been mapped. The site is underlain by Jurassic-age volcanic and highly altered volcanic rock. Bedrock mapped near the site includes the Coast Range ophiolite which consists of basalts, diabase, and gabbro (Braymer 2000). Immediately west of the site are Holocene age alluvial fan and fluvial deposits which are mostly confined to narrow drainage valleys in the immediate area and spread out toward the west on the San Francisco Bay plain. The site is at an elevation of approximately 85 feet above mean sea level and the local topography slopes to the west toward San Francisco Bay (Figure 1).

The nearest surface water body to the site is San Leandro Creek, located approximately 4,700 feet south of the site.

2.3 SUMMARY OF PREVIOUS INVESTIGATIONS

In December 1998, AEI performed a geophysical survey (magnetometry and ground-penetrating radar) to ascertain the presence of USTs at the site (AEI 2004). No underground anomalies indicative of remaining USTs were identified (AEI 2004). Also, an ACHCSA letter dated 22 March 2005 indicated that the UST system was removed from the site prior to December 1998.

In March 2004, AEI conducted a subsurface investigation at the site in order to collect soil and grab groundwater samples (AEI 2004). Four soil borings (SB1 through SB4) were advanced to depths of 8 feet bgs (SB3 and SB4), 16 feet bgs (SB1), and 22 feet bgs (SB2) (AEI 2004).

In May 2005, ETIC conducted a subsurface investigation at the site to collect soil and groundwater samples (ETIC 2005). Nine soil borings (SB5-SB13) were advanced to approximately 25 feet bgs.

In April and May 2006, ETIC conducted a subsurface investigation at the site, and 17 soil borings (SB14-SB20 and V1-V10) were advanced to collect soil, groundwater, and soil vapor samples (ETIC 2006b).

Approximate boring locations are shown on Figure 2. Cumulative soil sample analytical results are summarized in Tables 2 and 3. Groundwater sample analytical results from previous investigations are presented in Table 4.

3. SUBSURFACE INVESTIGATION

Between 22 and 24 January 2007, ETIC observed the installation of five soil vapor monitoring wells (VW1 through VW5) and four groundwater monitoring wells (MW1, MW2, MW3, and MW5). Prior to drilling, permits were obtained from the ACHCSA. Copies of the permits are included in Appendix B. The locations of the borings are shown on Figure 2.

An advisory published by the Department of Toxic Substances Control and the Los Angeles Regional Water Quality Control Board (DTSC/LARWQCB 2003) was used as a guideline for the installation of soil vapor wells and the collection of the shallow soil vapor samples as detailed below.

3.1 DRILLING OF SOIL BORINGS

On 22 and 23 January 2007, the borings were cleared by Cascade Drilling, Inc. of Rancho Cordova, California (C-57 license #717510). Borings VW1 through VW5 were cleared with a hand auger to a depth of 6 feet bgs. Borings MW1 through MW3 and MW5 were cleared with an air knife and vacuum rig to a depth of 5 feet bgs to ensure that there were no obstructions near the potential path of the augers.

Borings MW1 through MW3 and MW5 were drilled by Cascade Drilling, Inc. using a truck-mounted drill rig equipped with 8.25-inch-diameter hollow-stem augers. Boring MW1 was drilled to depth of 26 feet bgs, borings MW2 and MW3 were drilled to 26.5 feet bgs, and boring MW5 was drilled to 26 feet bgs.

All borings were logged from the base of the cleared hole to the total depth and selected soil samples were collected from each boring for laboratory analysis.

The hollow-stem augers and downhole equipment were pressure washed before drilling began and upon completion of each borehole. Equipment rinsate was collected in 55-gallon drums and temporarily stored on the site. Field methods and procedures are described in the protocols, presented in Appendix C.

3.2 SOIL SAMPLING

For borings MW1 through MW3 and MW5, soil samples were collected by driving an 18-inch-by-2-inch-diameter California-modified split-spoon sampler containing 6-inch stainless steel sleeves ahead of the augers into undisturbed soil. For borings VW1 through VW5, soil samples were collected using a slide hammer hand sampler. The samples were screened in the field with a photoionization detector (PID) to determine the relative hydrocarbon content.

The samples were examined for soil characteristics and classified according to the Unified Soil Classification System. The soils are described and the PID readings are recorded on the soil boring logs presented in Appendix D. Selected soil samples were sealed with Teflon tape, capped, labeled, placed in a cooler with ice, and submitted to a state-certified laboratory for analysis.

3.3 GROUNDWATER MONITORING WELL INSTALLATION

Borings MW1 through MW3 and MW5 were completed as groundwater monitoring wells. The wells were completed in accordance with the protocols provided in Appendix C and the well installation requirements issued by the ACHCSA.

The wells were constructed with 2-inch-diameter Schedule 40 polyvinyl chloride (PVC) blank well casing and screened with 0.010-inch machine-slotted Schedule 40 PVC casing. A filter pack of #2/12 sand was placed from the total depth of each boring to approximately 2 feet above the top of the screened interval of each well. The wells were then sealed with a 2-foot layer of hydrated bentonite chips, followed by neat cement grout to just below ground surface. The well permits are included in Appendix B. Well construction details are summarized in Table 1 and are shown on the soil boring logs provided in Appendix D.

3.4 SOIL VAPOR MONITORING WELL INSTALLATION

Borings VW1 through VW5 were completed as soil vapor monitoring wells. As previously stated, the borings for the wells were cleared to a total depth of approximately 6 feet bgs by Cascade Drilling, Inc. using a hand auger. The wells were completed in accordance with the protocols provided in Appendix C and the well installation requirements issued by the ACHCSA.

The vapor monitoring wells were constructed with 0.25-inch-diameter stainless steel tubing connected to a 0.4-inch-diameter, 6-inch-long, stainless steel 0.0057-inch screen. All connections were sealed with Swagelok® type fittings. The screen was capped at the bottom and connected to the tubing a Swagelok® type fitting. A filter pack of #2/12 sand was placed between 5 and 6 feet bgs. The above-ground stainless steel tubing was sealed with a Swagelok® valve. The wells were then sealed with a 1-foot layer (4 to 5 feet bgs) of hydrated bentonite chips, followed by neat cement grout to just below ground surface. The well details are provided in Table 1 and on the boring logs in Appendix D.

3.5 WELL DEVELOPMENT

On 8 March 2007, the groundwater monitoring wells were developed. The wells were surged for approximately 15 minutes using a 2-inch surge block. The wells were then purged of up to 10 casing volumes of water using a WaTerra system. Groundwater pH, temperature, and electrical conductivity were monitored during purging. Well development procedures are described in Appendix C. Field data recorded during well development are presented in Appendix E.

3.6 GROUNDWATER SAMPLING

On 8 March 2007, the groundwater monitoring wells were gauged for depth to water with a water level meter. WaTerra tubing and check valves were installed in the wells and groundwater samples were collected using the WaTerra system. The samples were submitted to a state-certified laboratory for analysis. The groundwater monitoring and sampling procedures are described in Appendix C. Field data recorded during sampling are presented in Appendix E.

3.7 SOIL VAPOR SAMPLING

On 27 April 2007, soil vapor samples were collected from wells VW1 and VW5. Soil vapor samples could not be collected from wells VW2 through VW4 due to the presence of water in the wells. Previous attempts were made to collect soil vapor from the wells on 31 January, 1 and 16 February, and 4 April 2007 but vapor samples could not be collected due to the presence of water in the wells. Prior to the sampling, water was present in all of the vapor wells. In order to collect the vapor samples, small diameter tubing was inserted into the wells and water was removed using a peristaltic pump. Vapor samples were then collected from wells VW1 and VW5; however, water returned to wells VW2 through VW4 and vapor samples could not be collected.

At least 48 hours was allowed for the equilibration of the subsurface conditions after the installation of the wells and before sampling. Normally, a purge test would be conducted on one well which involved purging the well of one (1), three (3), and seven (7) purge volumes and screening the samples with a PID to determine the relative hydrocarbon content. However, due to the potential for water to return to wells VW1 and VW5 the purge test was not conducted and a vapor grab sample was collected without purging the wells.

The soil vapor samples were collected using a 1-liter Summa vacuum canister. During sampling, a tracer (1,1-difluoroethane [1,1-DFA]) was used to check for leaks. The samples were submitted to a state-certified laboratory for analysis. The soil vapor sampling procedures are described in Appendix C. The soil vapor sampling field notes are provided in Appendix E.

3.8 SITE SURVEY

On 12 March 2007, the location and top-of-casing elevation of each groundwater monitoring well and ground surface elevation of each soil vapor monitoring well were surveyed by Morrow Surveying, a licensed land surveyor. The top-of-casing elevations for the groundwater monitoring wells are listed in Tables 1 and 5. The surveyor's report is provided in Appendix F.

3.9 WASTE CONTAINMENT AND DISPOSAL

The soil generated during drilling activities was collected in 55-gallon drums and temporarily stored on the site. Soil samples were collected from the drums, submitted to TestAmerica Incorporated (TestAmerica), a California state-certified laboratory in Nashville, Tennessee, composited by the laboratory, and analyzed for Total Petroleum Hydrocarbons as gasoline (TPH-g), benzene, toluene, ethylbenzene, and xylenes (BTEX), and total lead in order to characterize the soil for proper disposal. The soil was removed from the site on 10 April 2007 and transported to an ExxonMobil-approved facility. Waste documentation is provided in Appendix G. The laboratory analytical report and chain-of-custody documentation are included in Appendix H.

Well development and sampling purge water was transported to an ExxonMobil-approved facility on 12 March 2007. Waste documentation is provided in Appendix G.

Equipment rinsate water was placed in 55-gallon drums. The water was removed from the site on 15 May 2007 and transported to an ExxonMobil-approved facility. Waste documentation is provided in Appendix G.

4. RESULTS

4.1 SITE GEOLOGY AND HYDROGEOLOGY

The soils encountered during drilling were generally consistent with those observed in the previous borings at the site. The typical stratigraphy at the site consists of mostly clay and silt from ground surface to approximately 17 feet bgs and this is underlain by a layer of silty sand which is approximately 4 feet thick. The silty sand is underlain by sand and gravelly sand to a depth of at least 26.5 feet bgs, the maximum depth explored at the site. Although the layers of clay and silt may be water bearing at lower depths, the layers of silty sand and sand and gravel found below approximately 17 feet bgs are not only water bearing but are also more permeable.

Detailed soil descriptions are presented in the boring logs in Appendix D. Geologic cross-section lines are shown on Figure 3 and geologic cross-sections are shown on Figures 4 and 5.

Groundwater monitoring wells MW1 through MW3 and MW5 are screened from 10 to 25 feet bgs. On 8 March 2007, the depth to water below top of casing was measured in the wells and was recorded at between 14.31 and 16.97 feet below top of casing. A groundwater flow direction was calculated toward the northeast at a hydraulic gradient of 0.013 (Figure 6).

4.2 SOIL SAMPLE ANALYTICAL METHODS AND RESULTS

Selected soil samples collected were submitted to TestAmerica and analyzed for TPH-g and Total Petroleum Hydrocarbons as diesel (TPH-d) by EPA Method 8015B, for BTEX by EPA Method 8021B and 8260B, and for methyl tertiary butyl ether (MTBE), tertiary butyl alcohol (TBA), diisopropyl ether (DIPE), ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), 1,2-dibromoethane (EDB), and 1,2-dichloroethane (1,2-DCA) by EPA Method 8260B. Analytical results are summarized in Table 2 and 3 and on Figure 7. The laboratory analytical reports and chain-of-custody documentation for soil samples are included in Appendix H.

- Benzene (by EPA Method 8260B) was detected at a maximum concentration of 0.00517 milligrams per kilogram (mg/kg) (MW5, 24-24.5 feet bgs).

- TPH-g was detected at a maximum concentration of 964 mg/kg (MW2, 26-26.5 feet bgs).

- TPH-d was detected at a maximum concentration of 10.6 mg/kg (MW2, 26-26.5 feet bgs).

- MTBE, EDB, 1,2-DCA, DIPE, TBA, TAME, and ETBE were not detected above laboratory reporting limits.

Soil samples collected at 5 to 5.5 feet bgs from borings VW1 through VW5 were also submitted to TestAmerica and analyzed for percent moisture and porosity. Soil physical properties are summarized in Table 6. The laboratory analytical reports and chain-of-custody documentation for soil samples are included in Appendix H.

4.3 GROUNDWATER SAMPLE ANALYTICAL METHODS AND RESULTS

Groundwater samples collected from wells MW1 through MW3 and MW5 were submitted to TestAmerica and analyzed for TPH-g and TPH-d by EPA Method 8015B, for BTEX by EPA Method 8021B, and for MTBE, EDB, 1,2-DCA, DIPE, TBA, TAME, and ETBE by EPA Method 8260B. Analytical results are summarized in Table 5 and on Figure 6. The laboratory analytical reports and chain-of-custody documentation for groundwater samples collected during this investigation are included in Appendix H.

- Benzene was detected at a maximum concentration of 1.33 micrograms per liter (µg/L) (MW2).
- TPH-g was detected at a maximum concentration of 1,620 µg/L (MW2).
- TPH-d was detected at a maximum concentration of 550 µg/L (MW2).
- MTBE was detected at a maximum concentration of 1.91 µg/L (MW1).
- TAME was detected at a maximum concentration of 0.560 µg/L (MW1).
- EDB, 1,2-DCA, DIPE, TBA, and ETBE were not detected above laboratory reporting limits.

4.4 SOIL VAPOR SAMPLE ANALYTICAL METHODS AND RESULTS

Soil vapor samples collected from wells VW1 and VW5 were submitted for analysis to Calscience Environmental Laboratories, Inc., a California state-certified laboratory in Garden Grove, California. The samples were analyzed for TPH-g by EPA Method TO-3(M) and for BTEX, MTBE, TBA, DIPE, ETBE, TAME, EDB, 1,2-DCA, and 1,1-DFA by EPA Method TO-15. The samples were also analyzed for oxygen/argon by ASTM D-1946. The analytical results for the soil vapor samples are presented in Table 7 and on Figure 8. The soil vapor sample laboratory analytical report and chain-of-custody documentation are included in Appendix H.

- Benzene was detected at a maximum concentration of 4.4 micrograms per cubic meter (µg/m^3) (VW5).
- TPH-g, MTBE, TBA, DIPE, ETBE, TAME, EDB, and 1,2-DCA were not detected at or above laboratory reporting limits in any soil vapor samples collected during this investigation.
- 1,1-DFA, used as a leak tracer, was not detected at or above laboratory reporting limits in any soil vapor samples collected during this investigation.

The results for the soil vapor samples were used as part of a human health risk assessment (see Section 6).

5. DISTRIBUTION AND EXTENT OF PETROLEUM HYDROCARBONS IN THE SUBSURFACE

5.1 PETROLEUM HYDROCARBON IMPACT TO SOIL

Soil boring data indicate that the highest concentrations of hydrocarbons detected in soil are located within the area of the former USTs. Soil borings SB1, SB17, and SB20 are all located within the area of the former USTs and the maximum concentrations of TPH-g at and above 20 feet bgs in soil samples from these borings were found at 1,000 mg/kg (SB1, 11 feet bgs), at 320 mg/kg (SB17, 19.5-20 feet bgs), and at 2,700 mg/kg (SB20, 19.5-20 feet bgs), respectively. These concentrations are confined to the layers of clay and silt and sandy silt and may be residual concentrations from the former USTs. These concentrations are presumed to be the cause of the concentrations of hydrocarbons discovered in the groundwater beneath the site. Figure 5 presents a cross-section through the area of the former USTs and includes these borings.

Geologic cross-section lines are shown on Figure 3 and geologic cross-sections are shown on Figures 4 and 5. Soil analytical results for the current investigation are shown on Figure 7 and in Tables 2 and 3. Soil analytical results for previous investigations are shown in Appendix I (ETIC 2006b) and in Tables 2 and 3.

5.2 PETROLEUM HYDROCARBON IMPACT TO GROUNDWATER

Groundwater data for soil borings and groundwater monitoring wells indicate that the highest concentrations of hydrocarbons detected in groundwater are located within the area of the former USTs. Soil borings SB1, SB2, SB17, and SB20 are all located near or within the area of the former USTs. The concentrations of TPH-g in groundwater samples from these borings were found at 3,200 µg/L, 7,000 µg/L, 60,800 µg/L, and 41,800 µg/L, respectively. Groundwater analytical results for previous investigations are shown in Appendix I and in Table 4.

Groundwater samples from soil borings typically represent concentrations of hydrocarbons in both the dissolved phase and adhered phase. During the current investigation, groundwater monitoring wells MW1 through MW3 and MW5 were installed. The concentrations of TPH-g detected in the groundwater samples from the wells was 1,620 µg/L from MW2 and 440 µg/L from MW1; TPH-g was not detected in groundwater samples from any of the other wells. The concentrations in the groundwater monitoring wells are significantly lower than those of the groundwater samples collected from the borings. However, the groundwater monitoring wells were not installed within the vicinity of the former USTs and only one monitoring event has been conducted. Additional groundwater monitoring events should be conducted in order to evaluate trends of dissolved phase hydrocarbon concentrations over time. In addition, the installation of one additional groundwater monitoring well (MW4) is still proposed offsite to the southwest. Groundwater results from the current investigation are shown on Figure 6 and in Table 5.

6. HUMAN HEALTH RISK ASSESSMENT

An HHRA including evaluation of potential risks associated with vapor intrusion into onsite structures and adjacent offsite structures was performed for the potentially complete exposure pathways corresponding to site and vicinity land use. Vapor intrusion and associated health risk assessment was conducted using soil and soil vapor data collected from vapor monitoring wells VW1 and VW5.

6.1 EXPOSURE ASSESSMENT

As previously indicated, the site is currently a small landscaped area with no onsite buildings. Redevelopment of the site with a commercial retail structure in the north corner of the site is currently proposed by the property owner. Static groundwater beneath the site is generally at a depth of approximately 15 feet. Five public or private wells are located within a 2,000-foot radius from the site and, based on the distance of these wells from the site, groundwater at these wells is not expected to be impacted by the concentrations of hydrocarbons at the site (ETIC 2006b). Land use adjacent and to the southwest of the site is residential.

Based on the above site conditions, potential exposure pathways and receptors were evaluated as follows:

6.1.1 Daily Site Occupants

Currently the site is a vacant lot with no occupants; therefore, direct exposure (incidental ingestion and dermal contact) to chemicals of potential concern (COPCs) in soil at the site is considered incomplete for daily site occupants. Construction of a commercial structure is proposed for the north corner of the site and a paved surface is anticipated to cover the remaining portion of the site. Should the paved surface at the site be removed in the future, potential direct exposure to COPCs in shallow soils (0 to 10 feet bgs) may be considered complete.

Given the depth to groundwater and the absence of onsite water supply wells, direct exposure to groundwater by future onsite occupants is considered incomplete.

Due to the volatile nature of select COPCs, exposure pathways associated with emission of volatiles from soil and groundwater to indoor air may be considered complete for future onsite occupants. The indoor air exposure pathway is quantitatively evaluated using the results of the recent soil vapor investigation.

6.1.2 Future Construction/Maintenance Workers

Due to the presence of landscaped areas across the site, direct exposure to COPCs in soil is considered complete for maintenance workers. Future construction/maintenance workers may also be exposed to COPCs in shallow soils (0 to 10 feet bgs) during the redevelopment of the site.

Given the depth to groundwater, it is not likely that typical construction/maintenance work will require penetration to depths corresponding to the water table; hence, construction/maintenance

worker exposure to groundwater COPCs is considered incomplete. If construction/maintenance work required penetration to depths corresponding to the water table, the potential for exposure to groundwater by construction/maintenance workers would be addressed by a site-specific worker health and safety plan outlining necessary protective measures, including use of personal protective equipment. It is worth noting that construction/maintenance activities to depths beneath the water table will likely be preceded by dewatering activities, which will limit the potential for incidental direct exposure to groundwater by future construction/maintenance workers.

6.1.3 Offsite Receptors

Offsite land use in the immediate vicinity of the site is residential toward the west and commercial toward the east. Five public or private wells are located within a 2,000-foot radius from the site and, based on the distance of these wells from the site, groundwater at these wells is not expected to be impacted by the concentrations of hydrocarbons at the site (ETIC 2006b). As such, the sole potential for exposure to COPCs at offsite locations is emission of volatiles from groundwater from the site. Therefore, the groundwater to indoor air exposure pathway may be considered complete for offsite receptors. The groundwater to indoor air exposure pathway for offsite residential and commercial receptors is quantitatively evaluated using the results of the recent soil vapor investigation.

6.2 TIER I SCREENING OF POTENTIAL HEALTH RISKS

As the first step toward evaluation of potential health risks associated with the onsite COPCs, a Tier I risk analysis was performed. This analysis consisted of comparison of the site maximum shallow soil and soil gas concentrations to relevant Environmental Screening Levels (ESLs) developed by the San Francisco Bay Regional Water Quality Control Board (RWQCB 2005) and corresponding to each of the complete exposure pathways discussed above. This comparison is summarized in Tables 8 and 9. The ESLs adopted by the RWQCB correspond to a target carcinogenic risk level of 1×10^{-6} and a target non-carcinogenic hazard quotient of 0.2 (0.5 for TPH-g).

Table 8 summarizes a comparison of the maximum COPC concentration in shallow soils (0 to 10 feet bgs) detected during investigations versus ESLs corresponding to direct exposure by commercial/industrial workers (Table K-2, RWQCB 2005) and future construction/trench workers (Table K-3, RWQCB 2005). As indicated in Table 8, none of the COPC concentrations in shallow soils exceed the relevant ESLs.

Table 9 summarizes a comparison of the soil vapor concentrations (at 5-6 feet bgs) detected on 27 April 2007 to residential and commercial/industrial ESLs for carcinogenic and non-carcinogenic effects corresponding to potential vapor intrusion concerns (Table E-2, RWQCB 2005). As shown in Table 9, none of the COPC concentrations in soil gas exceed the relevant ESLs.

Based on the above screening, site-related COPCs in soil and groundwater are insignificant in terms of health risks to current and future onsite occupants, and offsite receptors.

7. EVALUATION OF REMEDIAL ALTERNATIVES

An evaluation of remedial alternatives is presented below to address site conditions.

7.1 REMEDIAL GOALS AND OBJECTIVES

Based on the California Code of Regulations (CCR), Title 23, Division 3, Chapter 16, Section 2725(g)(1), Corrective Action Plans for waters with current or potential beneficial use must propose Federal and State maximum contaminant levels (MCLs) as cleanup goals. These levels are based on the unlikely scenario of an onsite receptor that would use or drink the groundwater beneath the site. Additionally, the experience of the environmental industry during cleanup efforts has shown that MCLs may not be economically or technically attainable with the technology currently available. Typically, mass removal rates reach asymptotic levels prior to reaching MCLs. Once asymptotic levels are reached, further remediation may not significantly change soil or groundwater concentrations at rates any greater than natural processes. If asymptotic mass removal rates are reached prior to achieving groundwater MCLs, then residual risk management will be proposed. In addition, a human health risk assessment indicates that the site-related COPCs in soil and groundwater are insignificant in terms of health risks to current and future onsite occupants, and offsite receptors (Section 6).

The remedial goals and objectives for this project are (1) mass reduction of hydrocarbons in the subsurface and (2) control of the migration of dissolved phase hydrocarbons.

7.2 SCREENING CRITERIA FOR CORRECTIVE ACTION ALTERNATIVES

The selection of an appropriate remedial alternative for corrective action at the site is based on evaluation of the following criteria:

- **Reduction of Toxicity, Mobility, and Volume.** This criterion establishes preference for an alternative that will produce permanent and significant mass reductions. The evaluation focuses on the amount of chemicals to be destroyed or treated, the type and quantity of residual chemicals that will remain after treatment, and the effectiveness of the remedial alternatives.

- **Technical Feasibility.** The evaluation focuses on the possibility of implementation given site constraints, reliability of the technology, and the ability to monitor the performance of an alternative. Each alternative requires evaluation against site-specific hydrogeologic conditions.

- **Cost.** This criterion is used to assess capital and operation and maintenance (O&M) costs on a conceptual level only. Capital costs include direct costs, such as equipment purchase and site construction/development, and indirect costs, including fees for engineering design and permitting, and startup expenses. O&M costs include ongoing labor, materials, repairs, administrative fees, and reporting costs during the operating and monitoring period.

7.3 DEVELOPMENT OF CORRECTIVE ACTION ALTERNATIVES

The following discussion of the characteristics of the remedial technologies is based on a review of remediation case studies for the technologies and professional judgment.

Based on current and historical site conditions, the following remedial alternatives were considered but not evaluated in detail for the accompanying reasons.

- **Air Sparging.** Air sparging involves in-situ injection of air into the subsurface causing volatilization of hydrocarbons and subsequent recovery of vapors by vapor extraction. In-situ air sparge points would typically be installed in high permeable soils in the saturated zone to allow maximum flow of air through the hydrocarbon impacted area. Vapor extraction wells screened in the vadose/capillary fringe zone are used to recover the hydrocarbon vapors generated from sparging. The vadose zone beneath the site is composed of low permeable silts and clay and may inhibit the upward migration and capture of vapors generated by air sparging.

- **Soil Vapor Extraction (SVE).** SVE is only applicable for remediation of hydrocarbon impacted soil in the vadose zone. Although it is a useful technology for vapor control, it cannot be used alone for removal of hydrocarbons below the water table. SVE would typically be installed in high permeability soils in the vadose zone to allow maximum flow of air through the hydrocarbon impacted area. Given the fact that the highest concentrations of hydrocarbons are located within soils composed of clay and silt and silty sand this alternative appears to be infeasible for the site.

- **Interception trench.** For effective source reduction, a trench would need to be installed near the former UST field. To effectively reduce hydrocarbon migration, at least one additional trench would be needed downgradient. The expense of a groundwater pump and treat system would be added to trenching costs.

- **No remedial action.** Passive monitoring and natural attenuation may be considered in the future, but given the current site conditions, this alternative does not address the subsurface impacts in a timely manner.

The following remedial alternatives were considered in detail:

7.3.1 Alternative 1 – Groundwater Pump and Treat

A groundwater pump and treat system would include extraction wells with submersible electric pumps, shallow trenching and conveyance piping, an above-ground treatment compound with necessary equipment and controls, and discharge of treated water to a sanitary or storm sewer discharge point.

The implementation of groundwater pump and treat would be most effective for sites with high dissolved phase concentrations and sites with fairly permeable water-bearing zones. Although only one sampling of the new groundwater monitoring wells has been conducted, it appears that dissolved

phase concentrations are too low to warrant the installation of a groundwater pump and treat system.

Implementation of this alternative would require the procurement and installation of equipment, trenching and the installation of new piping, and the installation of equipment in the compound. At this time, site conditions do not indicate that the benefits of the implementation of this alternative would justify the associated costs.

7.3.2 Alternative 2 – Dual-Phase Extraction

Dual-phase extraction (DPE) is a technology that uses high vacuum to remove liquids and vapors from wells placed in the source area of a site. Typically, a blower or liquid ring pump is used to generate a vacuum of at least 20 inches of mercury. The vacuum is applied to dip-tubes that are placed in extraction wells. The ends of the dip-tubes are usually placed below the water level and are used to depress the water level while extracting vapors through the newly formed vadose zone. During operation, soil vapor, groundwater, and liquid-phase hydrocarbons (if present) are all extracted from the extraction wells through the dip-tubes. This technology is effective at remediating smear zones that are less than 35 feet in depth.

As with SVE, the fact that the highest concentrations of hydrocarbons are located within soils composed of clay and silt and silty sand makes the implementation of this alternative questionable.

Implementation of this alternative would require the procurement and installation of equipment, trenching and the installation of new piping, and the installation of equipment in the compound. At this time, site conditions do not indicate that the benefits of the implementation of this alternative would justify the associated costs.

7.3.3 Alternative 3 – Excavation

Excavation involves the direct removal of impacted soil from the subsurface, the treatment or off-haul of the soil, and the backfilling and compaction of the excavation. This alternative is typically only applicable for sites with relatively shallow impacts at depths which can be reached with conventional excavation equipment and at sites with no structures which could be impacted. If groundwater is encountered during excavation, then the excavation is typically dewatered and the groundwater is treated and discharged or off-hauled. Air quality issues during excavation also need to be addressed.

Site data indicate that the highest concentrations of hydrocarbons detected in soil are located within the area of the former USTs. Borings advanced within that area show the highest impacts between approximately 11 and 20 feet bgs within layers of clay and silt and sandy silt. In addition, the site contains landscaping areas and no onsite structures.

Implementation of this alternative would require the excavation of soil from the area of the former USTs to a depth of approximately 20 feet bgs. If groundwater were to enter the excavation it would also have to be removed. Given the site conditions, this alternative would be the most cost-effective of the alternatives and would take the least time to complete as compared to the other alternatives.

8. PROPOSED CORRECTIVE ACTION

Three different corrective action alternatives were evaluated in detail for the remediation of the residual hydrocarbons in the subsurface: (1) Groundwater Pump and Treat, (2) Dual-Phase Extraction, and (3) Excavation. The details of the three remedial alternatives are presented in Section 7 of this report.

8.1 RECOMMENDED CORRECTIVE ACTION ALTERNATIVE

The recommended corrective action is excavation with the objective to achieve the remedial goals of the mass reduction of hydrocarbons in the subsurface and the control of the migration of dissolved phase hydrocarbons. This is with an understanding that MCLs for groundwater are not likely to be reached in an economical or timely manner with currently available technology. This remedial option is the most likely to reduce the mass of hydrocarbons in the subsurface in a timely manner and is the most technically feasible and cost effective of the alternatives considered.

The goal of excavation would be to remove the elevated concentrations of hydrocarbons in soil which are confined to the layers of clay and silt and sandy silt and may be residual concentrations from the former USTs (see Section 5.1).

The implementation of excavation would include the removal of impacted soil and possibly groundwater from the area of the former USTs. The work would be completed prior to the planned development of the site with the proposed commercial retail structure in the north corner of the site. The excavation area would encompass at least the area of the former USTs. The initial area of the proposed excavation measures approximately 24 feet by 27 feet and the initial depth is 20 feet. Proper sloping, benching, and/or shoring will be provided for stability of the excavation. Limited dewatering of the proposed excavation will take place as needed to provide stability to the excavation and to add to the remediation of groundwater at the site. The area of the proposed excavation is shown on Figure 9.

8.1.1 Soil Sampling

Soil samples will be obtained from each sidewall to confirm that the impacted soil has been removed and to document any residual concentrations left in place. The soil samples will be analyzed for:

- TPH-g and TPH-d by EPA Method 8015B.
- BTEX by EPA Method 8021B.
- MTBE, TBA, DIPE, ETBE, TAME, EDB, and 1,2-DCA by EPA Method 8260B.
- Total lead by EPA Method 6010B.

8.1.2 Waste Containment and Disposal

The groundwater generated will be stored in one or more temporary above ground storage tanks. A capacity of at least 10,000 gallons in temporary above ground storage will be available onsite for the dewatering. The groundwater will be removed from the site and transported to an ExxonMobil-approved disposal facility.

The soil generated during these activities will be placed in stockpiles and covered by plastic and temporarily stored onsite or directly off-hauled. The soil will be removed from the site and transported to an ExxonMobil-approved disposal facility.

8.1.3 Addition of Oxygen Releasing Compounds

Oxygen releasing compounds (ORC), made by Regenesis Bioremediation Products, Inc. (Regenesis), will be added to the excavation. The purpose of the ORC is to increase the dissolved oxygen content of the groundwater in an effort to accelerate the bioremediation of the hydrocarbons. Information from Regenesis describing ORC and a material safety data sheet for ORC is provided in Appendix J.

8.1.4 Backfilling and Compaction

Once the excavation activities are completed, the excavation will be backfilled and compacted. The excavation will be backfilled with approximately 3 feet of ½-inch drain rock surrounded with a geotextile fabric. The excavation will then be filled with select import fill material compacted to 90% compaction to a depth of between 1 and 3 feet bgs. The remainder of the excavation will be filled with Class II aggregate base compacted to 95% compaction.

It should be noted that alternate backfill materials and compaction specifications may be chosen based on the backfill requirements for the planned development of the site.

8.1.5 Remedial Progress Monitoring

Groundwater monitoring will be conducted on a quarterly basis for the site and all existing wells will be gauged and sampled. The results of subsequent events of groundwater monitoring will be submitted under separate cover.

9. CONCLUSIONS AND RECOMMENDATIONS

Between 22 and 24 January 2007, ETIC observed the installation of five soil vapor monitoring wells (VW1 through VW5) and four groundwater monitoring wells (MW1, MW2, MW3, and MW5).

Groundwater monitoring wells MW1 through MW3 and MW5 will be sampled on a quarterly basis which will provide data on the extent of dissolved phase hydrocarbon concentrations. In addition, the installation of one additional groundwater monitoring well (MW4) is still proposed offsite to the southwest.

Soil vapor samples could not be collected from wells VW2 through VW4 due to the presence of water in the wells. Also, due to the potential for water to return to wells VW1 and VW5 the purge test was not conducted and a vapor grab sample was collected without purging the wells.

An HHRA was performed using soil and soil vapor data collected during the current investigation. A comparison of the soil vapor concentrations collected during this investigation with commercial/industrial ESLs for carcinogenic and non-carcinogenic effects corresponding to potential vapor intrusion concerns indicates that none of the COPC concentrations in soil vapor exceed the relevant ESLs. Also, the results of the shallow soil and soil vapor samples collected during this investigation and previous investigations suggest that risks to daily site occupants are insignificant from direct exposure to shallow soils.

As a result of the evaluation of various corrective action alternatives, excavation is the recommended corrective action for this site. Upon approval from the ACHCSA, the excavation activities outlined in this report will be planned and implemented. The ACHCSA will be kept informed of the status of the remedial action. A report detailing the results of the remedial action will be submitted within 90 days of remedial action completion. Additionally, in the event that the work scope must be altered significantly, the ACHCSA will be notified prior to implementing those changes to the work scope.

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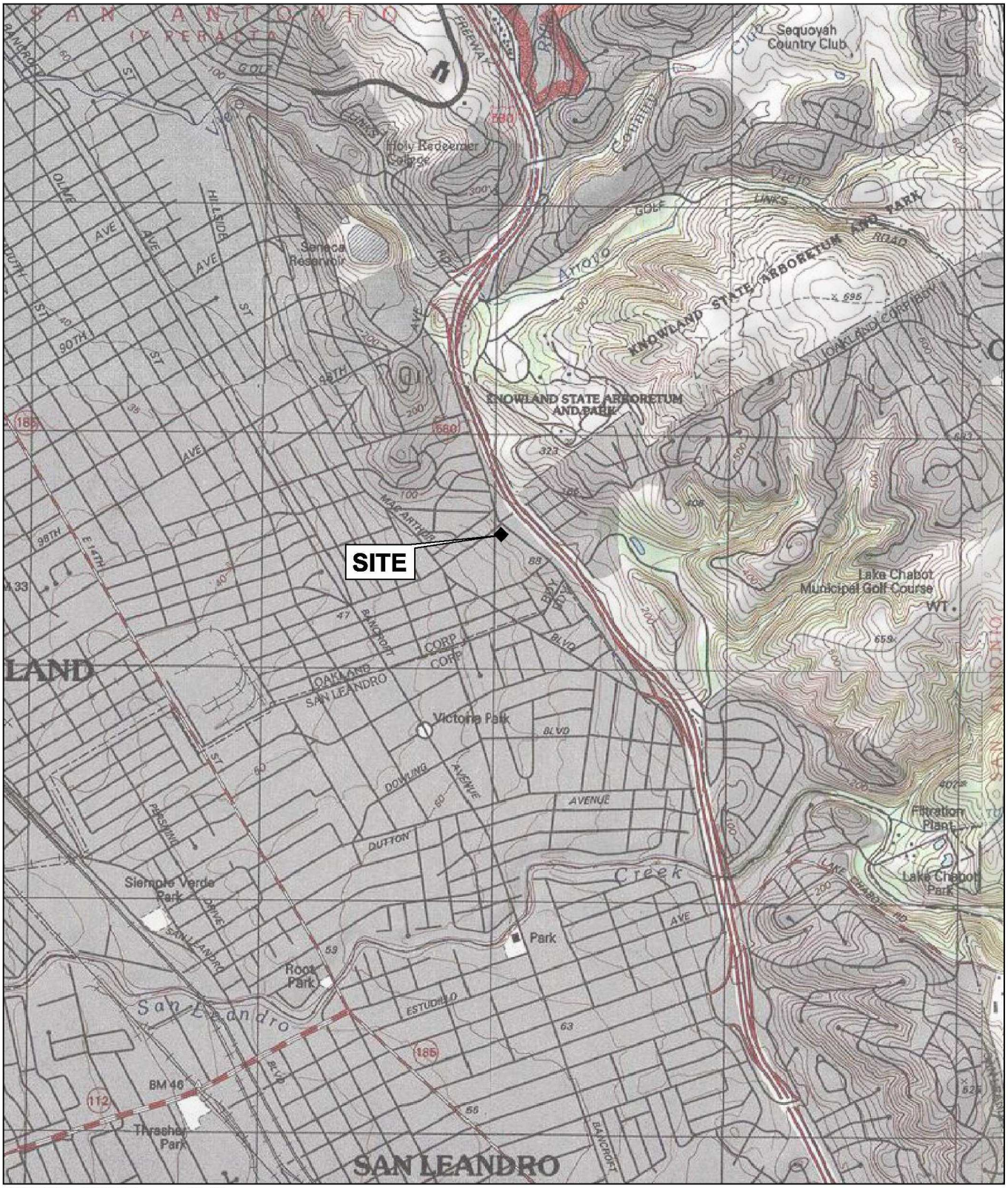
Figures



SOURCE: USGS Topographic Map

0 2000

Scale (feet)

N

ETIC ENGINEERING

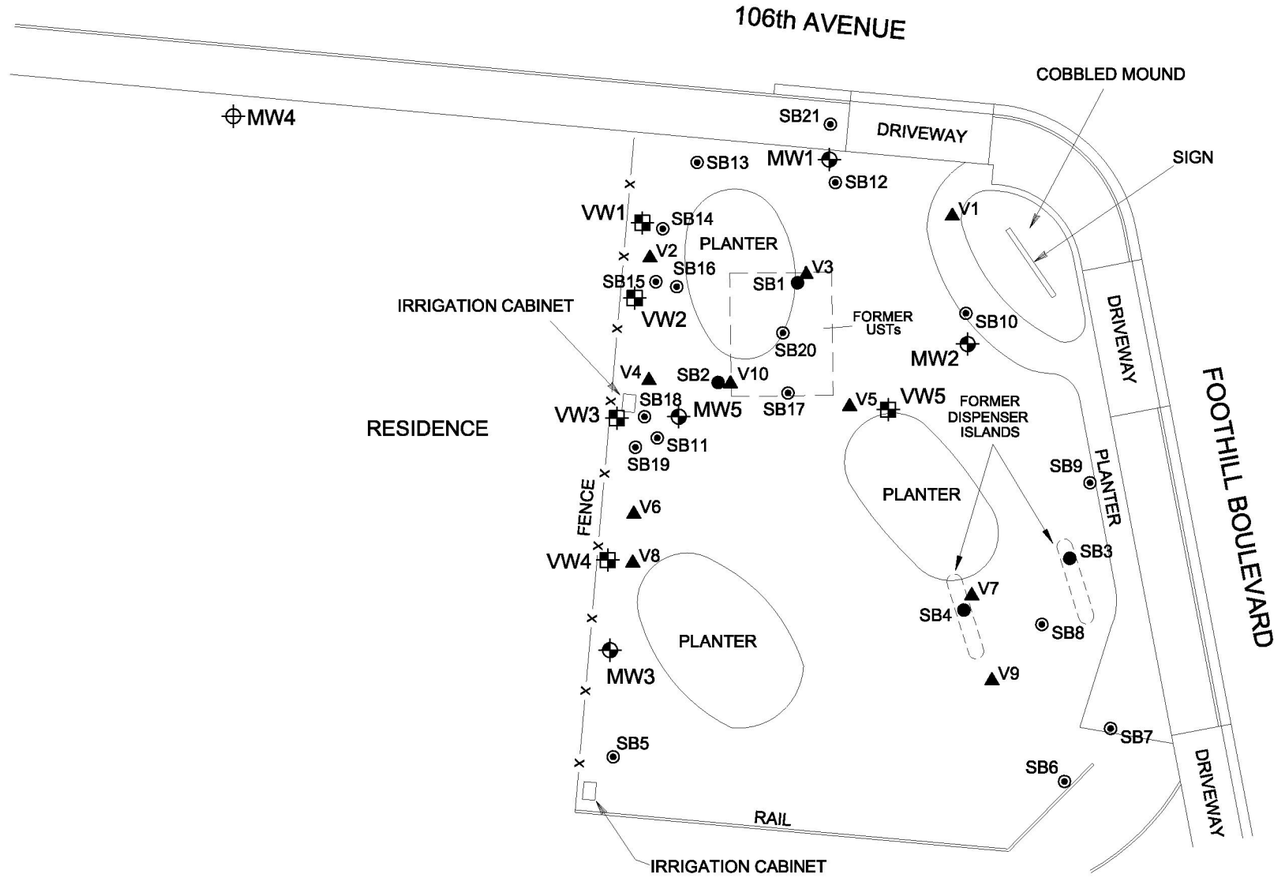
SITE LOCATION AND TOPOGRAPHIC MAP
FORMER EXXON RS 7-4121
10605 FOOTHILL BOULEVARD
OAKLAND, CALIFORNIA

FIGURE: 1

FILENAME: TOP00405.DWG 04/15/05

LEGEND:

- Groundwater Monitoring Well
- Vapor Monitoring Well
- Soil Boring (Installed by AEI)
- Direct Push Soil Boring (Installed by ETIC)
- Soil Vapor Probe
- Proposed Groundwater Monitoring Well



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Scale (feet)

FILENAME: BASE0507.DWG 05/23/2007

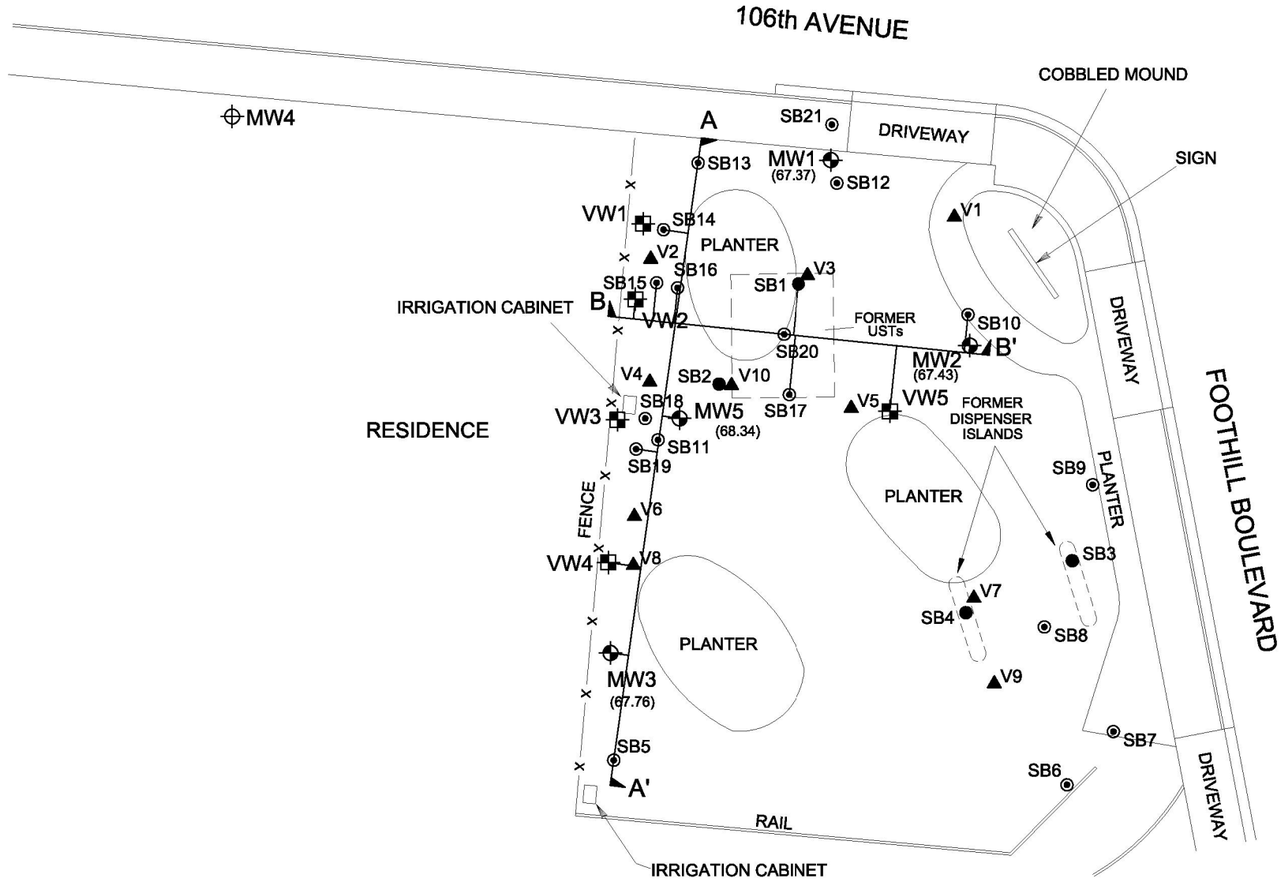
ETIC ENGINEERING

SITE PLAN
FORMER EXXON RS 7-4121
10605 FOOTHILL BOULEVARD
OAKLAND, CALIFORNIA

FIGURE:
2

LEGEND:

- Groundwater Monitoring Well
- Vapor Monitoring Well
- Soil Boring (Installed by AEI)
- Direct Push Soil Boring (Installed by ETIC)
- Soil Vapor Probe
- Proposed Groundwater Monitoring Well



SHOPPING CENTER
DRIVEWAY

N

0 30

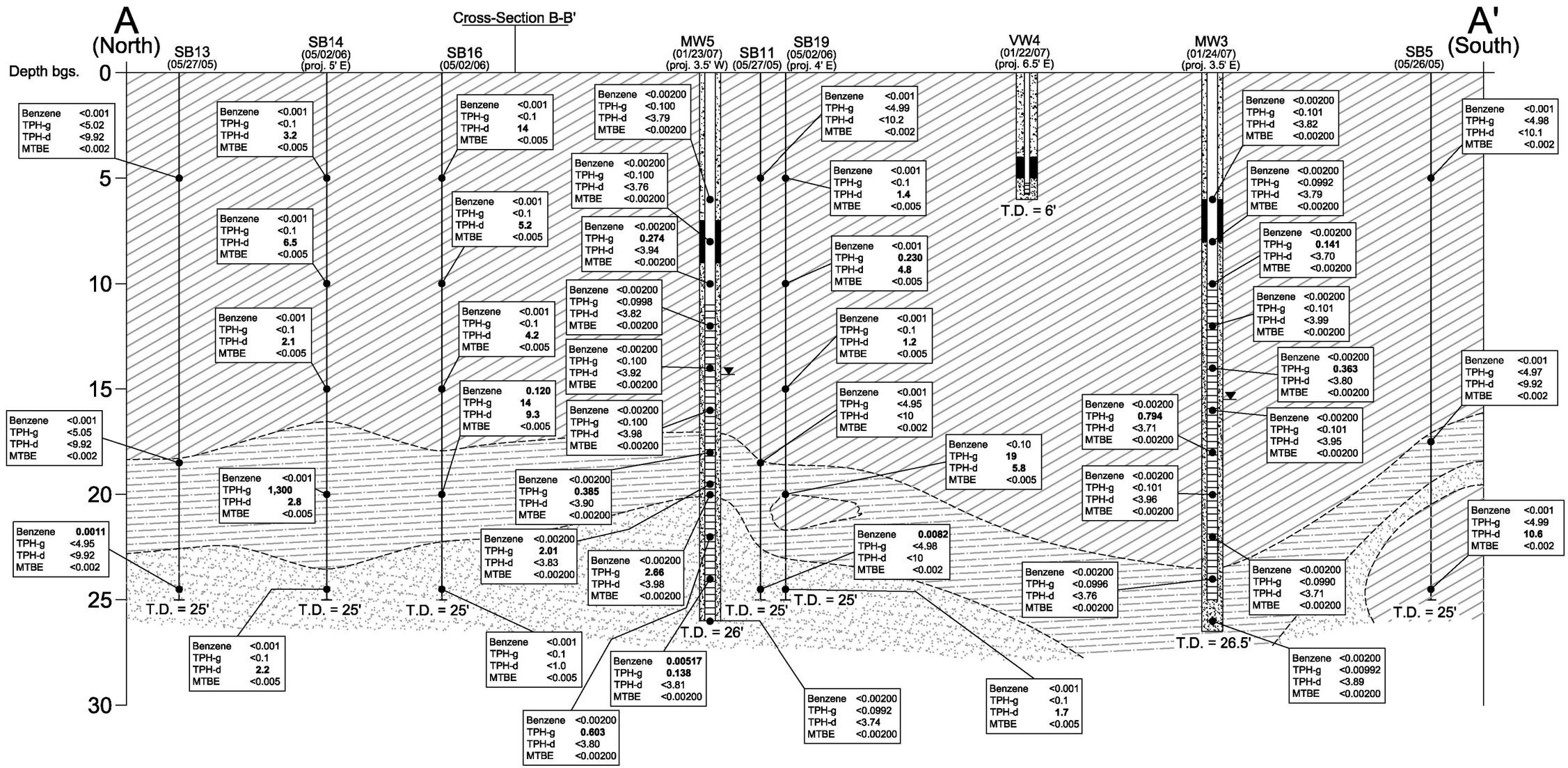
Scale (feet)

ETIC ENGINEERING

SITE PLAN SHOWING LINES OF CROSS-SECTION
FORMER EXXON RS 7-4121
10605 FOOTHILL BOULEVARD
OAKLAND, CALIFORNIA

FIGURE:
3

FILENAME: SECTIONS0507.DWG 05/23/2007



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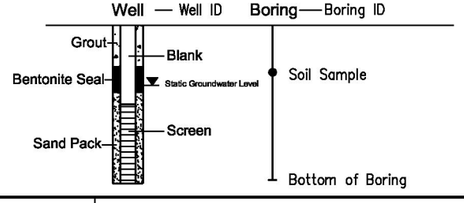


Clay and Silt

Silty Sand

Sand and Gravelly Sand

TPH-g Total Petroleum Hydrocarbons as gasoline
TPH-d Total Petroleum Hydrocarbons as diesel
MTBE Methyl tertiary butyl ether by EPA Method 8260B
TD Total Depth
bgs below ground surface

Notes:
Soil analytical results in milligrams per kilogram (mg/kg).

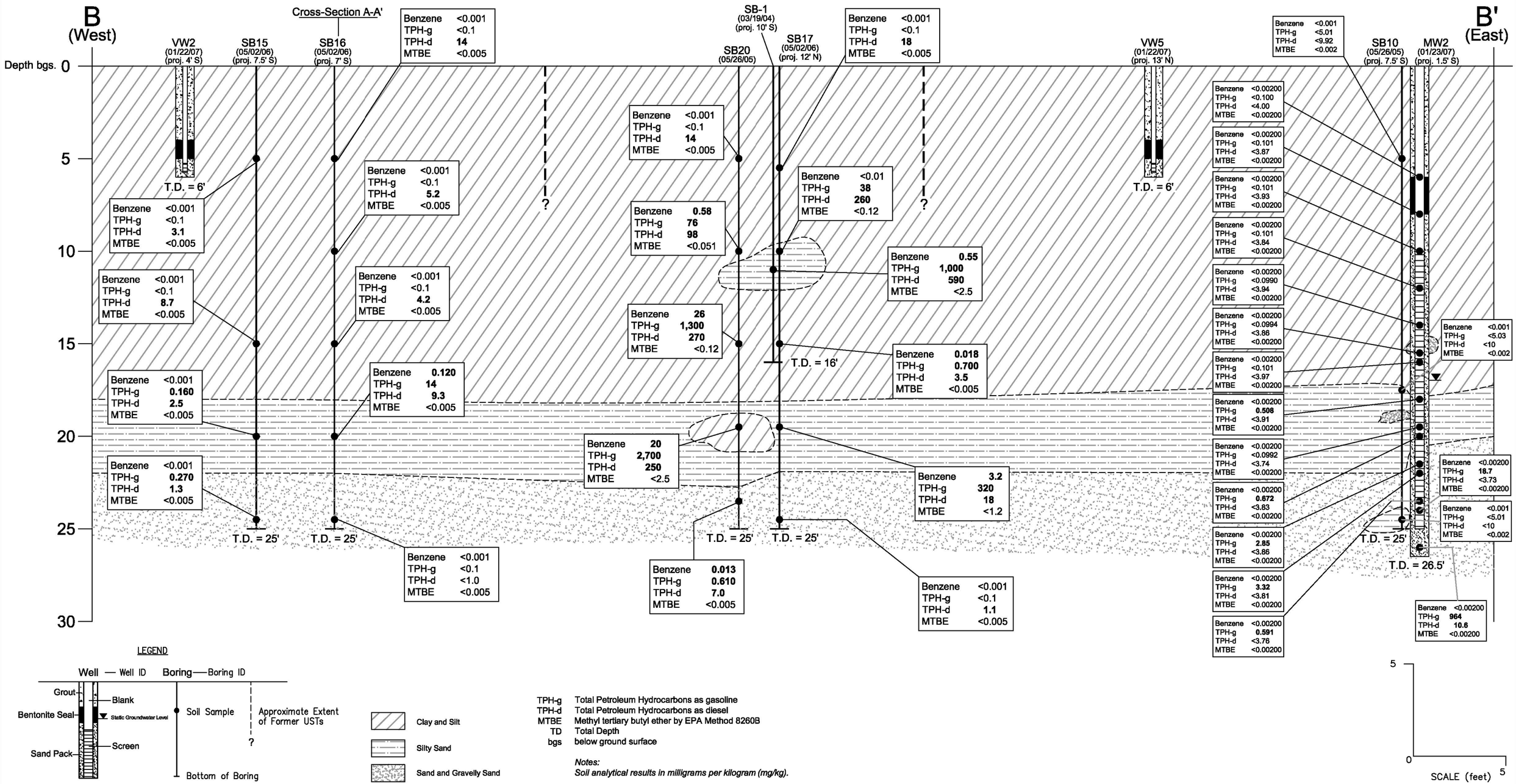
5
0
SCALE (feet) 10

ETIC ENGINEERING

CROSS-SECTION A-A'
FORMER EXXON RS 7-4121
10605 FOOTHILL BOULEVARD
OAKLAND, CALIFORNIA

FIGURE:
4

FILENAME: SECTIONS0507.DWG 05/23/2007



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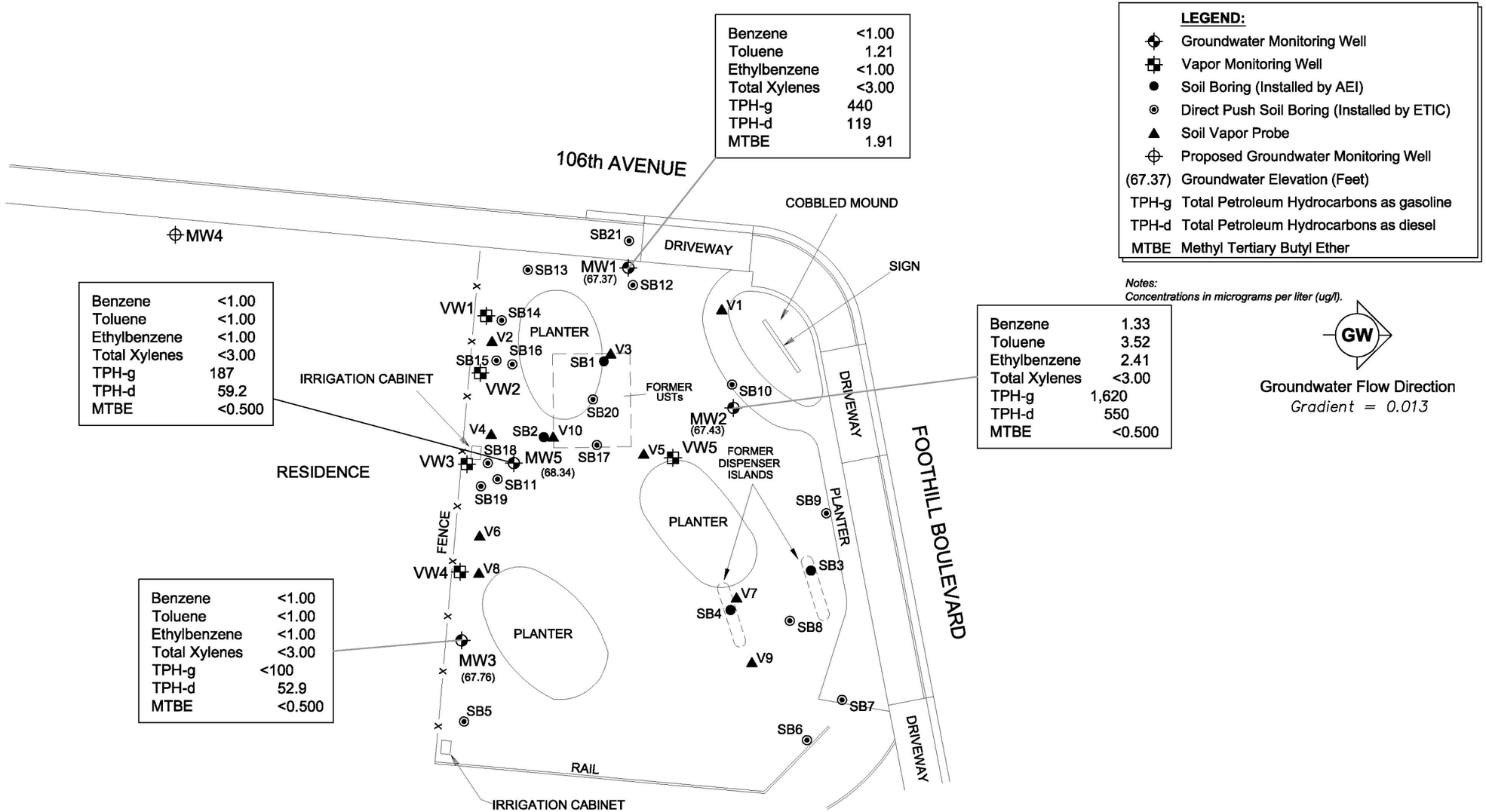
ETIC ENGINEERING

CROSS-SECTION B-B'
FORMER EXXON RS 7-4121
10605 FOOTHILL BOULEVARD
OAKLAND, CALIFORNIA

FIGURE:
5

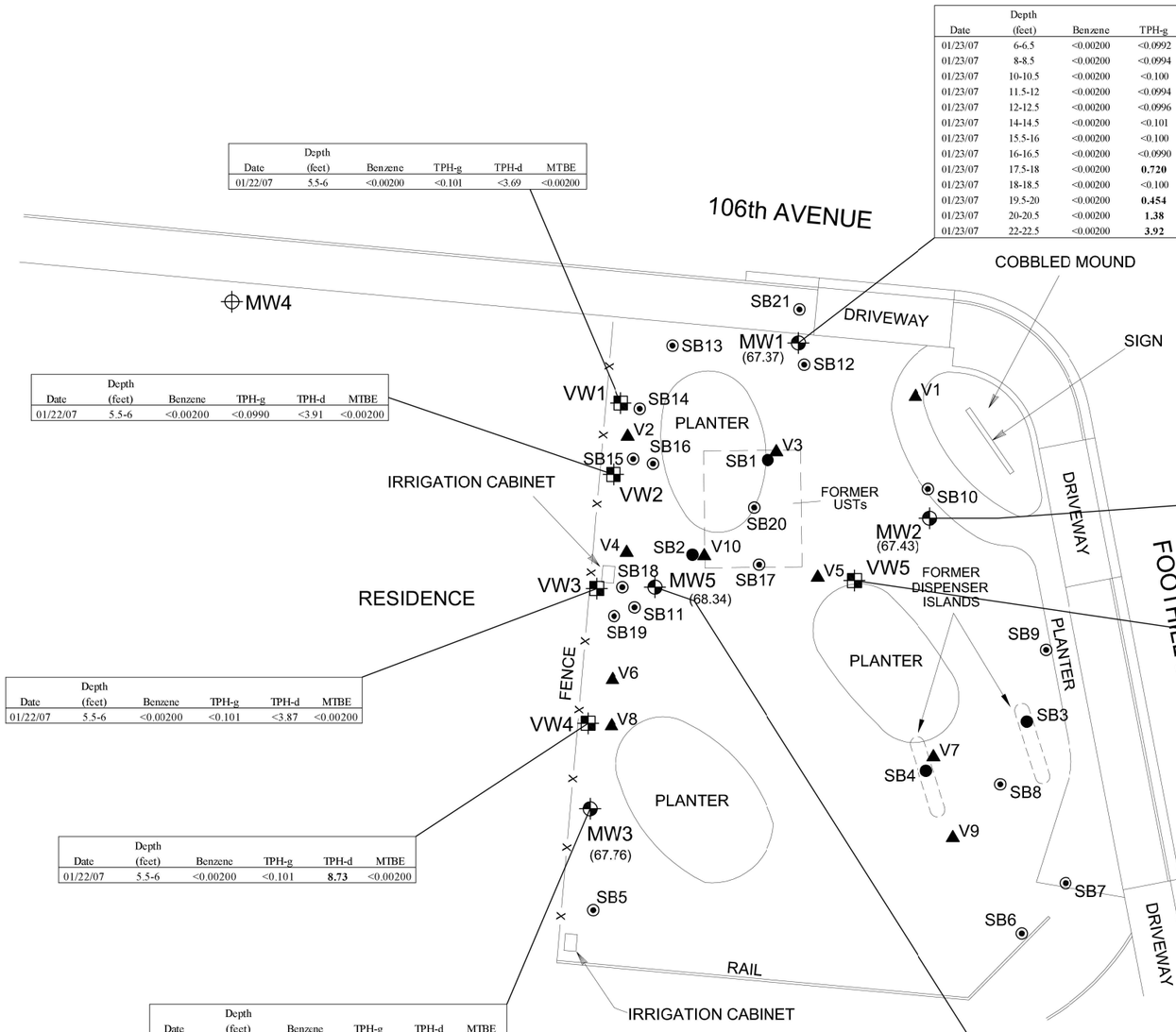


FILENAME: SECTIONS0507.DWG 05/23/2007

ETIC ENGINEERING

SITE PLAN SHOWING GROUNDWATER ELEVATIONS AND ANALYTICAL RESULTS
FORMER EXXON RS 7-4121
10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA
8 MARCH 2007

FIGURE:
6



Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
01/22/07	5.5-6	<0.00200	<0.101	<3.69	<0.00200

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
01/23/07	6-6.5	<0.00200	<0.0992	<3.95	<0.00200
01/23/07	8-8.5	<0.00200	<0.0994	<3.91	<0.00200
01/23/07	10-10.5	<0.00200	<0.100	<3.88	<0.00200
01/23/07	11.5-12	<0.00200	<0.0994	<3.91	<0.00200
01/23/07	12-12.5	<0.00200	<0.0996	<3.93	<0.00200
01/23/07	14-14.5	<0.00200	<0.101	<3.89	<0.00200
01/23/07	15.5-16	<0.00200	<0.100	<3.96	<0.00200
01/23/07	16-16.5	<0.00200	<0.0990	<3.92	<0.00200
01/23/07	17.5-18	<0.00200	**0.720**	<3.97	<0.00200
01/23/07	18-18.5	<0.00200	<0.100	<3.88	<0.00200
01/23/07	19.5-20	<0.00200	**0.454**	<3.92	<0.00200
01/23/07	20-20.5	<0.00200	**1.38**	<3.85	<0.00200
01/23/07	22-22.5	<0.00200	**3.92**	<3.91	<0.00200

LEGEND:

- Groundwater Monitoring Well
- Vapor Monitoring Well
- Soil Boring (Installed by AEI)
- Direct Push Soil Boring (Installed by ETIC)
- Soil Vapor Probe
- Proposed Groundwater Monitoring Well
- TPH-g Total Petroleum Hydrocarbons as gasoline
- TPH-d Total Petroleum Hydrocarbons as diesel
- MTBE Methyl Tertiary Butyl Ether

Notes:
Concentrations in milligrams per kilogram (mg/kg).

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
01/22/07	5.5-6	<0.00200	<0.0990	<3.91	<0.00200

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
01/23/07	6-6.5	<0.00200	<0.100	<4.00	<0.00200
01/23/07	8-8.5	<0.00200	<0.101	<3.87	<0.00200
01/23/07	10-10.5	<0.00200	<0.101	<3.93	<0.00200
01/23/07	12-12.5	<0.00200	<0.101	<3.84	<0.00200
01/23/07	14-14.5	<0.00200	<0.0990	<3.94	<0.00200
01/23/07	15.5-16	<0.00200	<0.0994	<3.86	<0.00200
01/23/07	16-16.5	<0.00200	<0.101	<3.97	<0.00200
01/23/07	18-18.5	<0.00200	**0.508**	<3.91	<0.00200
01/23/07	19.5-20	<0.00200	<0.0992	<3.74	<0.00200
01/23/07	20-20.5	<0.00200	**0.672**	<3.83	<0.00200
01/23/07	21.5-22	<0.00200	**2.85**	<3.86	<0.00200
01/23/07	22-22.5	<0.00200	**3.32**	<3.81	<0.00200
01/23/07	23.5-24	<0.00200	**0.591**	<3.76	<0.00200
01/23/07	24-24.5	<0.00200	**18.7**	<3.73	<0.00200
01/23/07	26.26.5	<0.00200	**964**	**10.6**	<0.00200

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
01/22/07	5.5-6	<0.00200	<0.101	<3.87	<0.00200

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
01/22/07	5.5-6	<0.00200	<0.0990	<3.86	<0.00200

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
01/22/07	5.5-6	<0.00200	<0.101	**8.73**	<0.00200

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
01/24/07	6-6.5	<0.00200	<0.101	<3.82	<0.00200
01/24/07	8-8.5	<0.00200	<0.0992	<3.79	<0.00200
01/24/07	10-10.5	<0.00200	**0.141**	<3.70	<0.00200
01/24/07	12-12.5	<0.00200	<0.101	<3.99	<0.00200
01/24/07	14-14.5	<0.00200	**0.363**	<3.80	<0.00200
01/24/07	16-16.5	<0.00200	<0.101	<3.95	<0.00200
01/24/07	18-18.5	<0.00200	**0.794**	<3.71	<0.00200
01/24/07	20-20.5	<0.00200	<0.101	<3.96	<0.00200
01/24/07	22-22.5	<0.00200	<0.0990	<3.71	<0.00200
01/24/07	24-24.5	<0.00200	<0.0996	<3.76	<0.00200
01/24/07	26.26.5	<0.00200	<0.0992	<3.89	<0.00200

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
01/23/07	6-6.5	<0.00200	<0.100	<3.79	<0.00200
01/23/07	8-8.5	<0.00200	<0.100	<3.76	<0.00200
01/23/07	10-10.5	<0.00200	**0.274**	<3.94	<0.00200
01/23/07	12-12.5	<0.00200	<0.0998	<3.82	<0.00200
01/23/07	14-14.5	<0.00200	<0.100	<3.92	<0.00200
01/23/07	16-16.5	<0.00200	<0.100	<3.98	<0.00200
01/23/07	18-18.5	<0.00200	**0.385**	<3.90	<0.00200
01/23/07	19.5-20	<0.00200	**2.01**	<3.83	<0.00200
01/23/07	20-20.5	<0.00200	**2.66**	<3.98	<0.00200
01/23/07	22-22.5	<0.00200	**0.603**	<3.80	<0.00200
01/23/07	24-24.5	**0.00517**	**0.138**	<3.81	<0.00200
01/23/07	26.26.5	<0.00200	<0.0992	<3.74	<0.00200

0 30
Scale (feet)

FILENAME: SECTIONS0507.DWG 05/23/2007

ETIC ENGINEERING

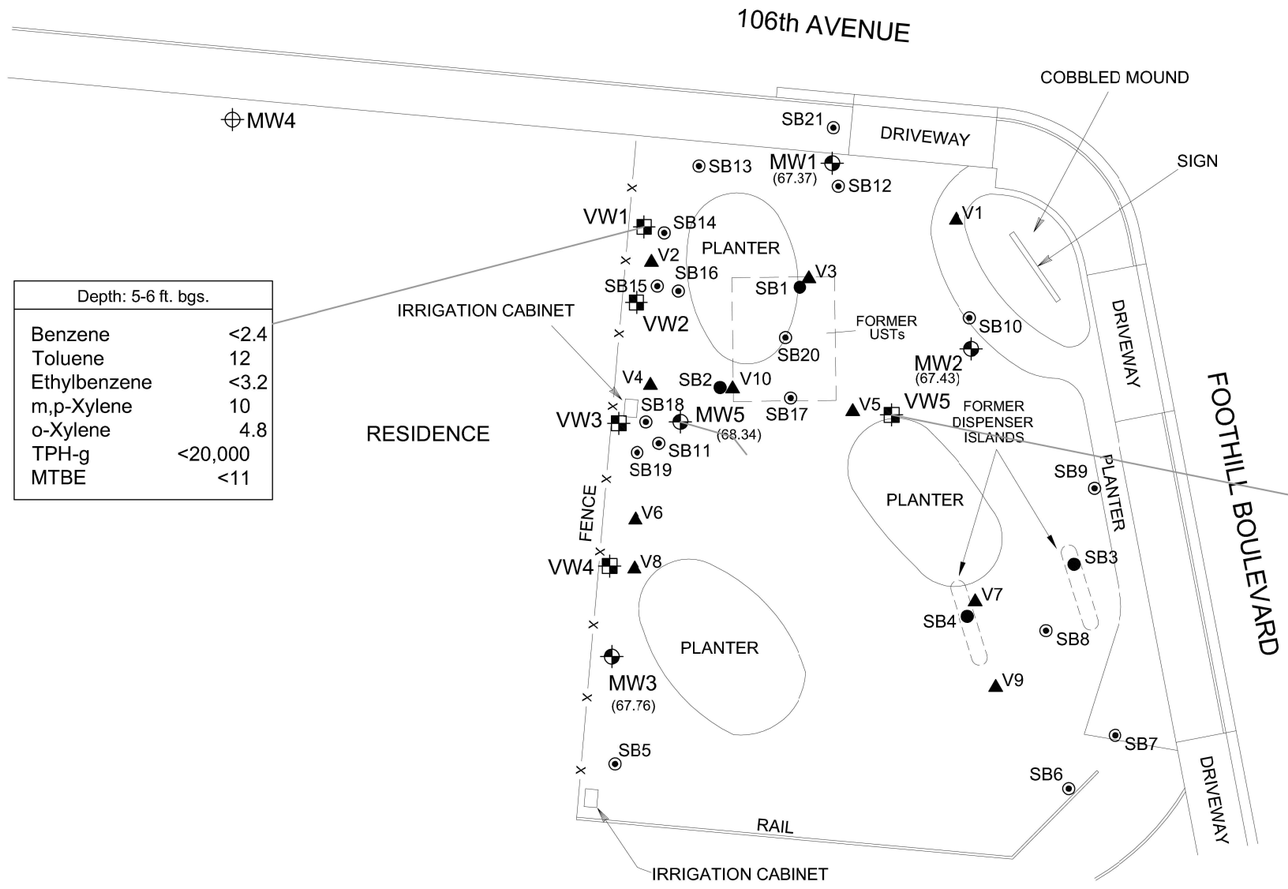
SITE PLAN SHOWING SOIL ANALYTICAL RESULTS
FORMER EXXON RS 7-4121
10605 FOOTHILL BOULEVARD
OAKLAND, CALIFORNIA

FIGURE:
7

LEGEND:

- Groundwater Monitoring Well
- Vapor Monitoring Well
- Soil Boring (Installed by AEI)
- Direct Push Soil Boring (Installed by ETIC)
- Soil Vapor Probe
- Proposed Groundwater Monitoring Well
- TPH-g Total Petroleum Hydrocarbons as gasoline
- MTBE Methyl Tertiary Butyl Ether
- ft. Feet
- bgs. Below Ground Surface

Notes:
Concentrations in micrograms per cubic meter (ug/m3).



Depth: 5-6 ft. bgs.	
Benzene	<2.4
Toluene	12
Ethylbenzene	<3.2
m,p-Xylene	10
o-Xylene	4.8
TPH-g	<20,000
MTBE	<11

Depth: 5-6 ft. bgs.	
Benzene	4.4
Toluene	11
Ethylbenzene	4.4
m,p-Xylene	12
o-Xylene	4.8
TPH-g	<23,000
MTBE	<12

N

0 30

Scale (feet)

ETIC ENGINEERING

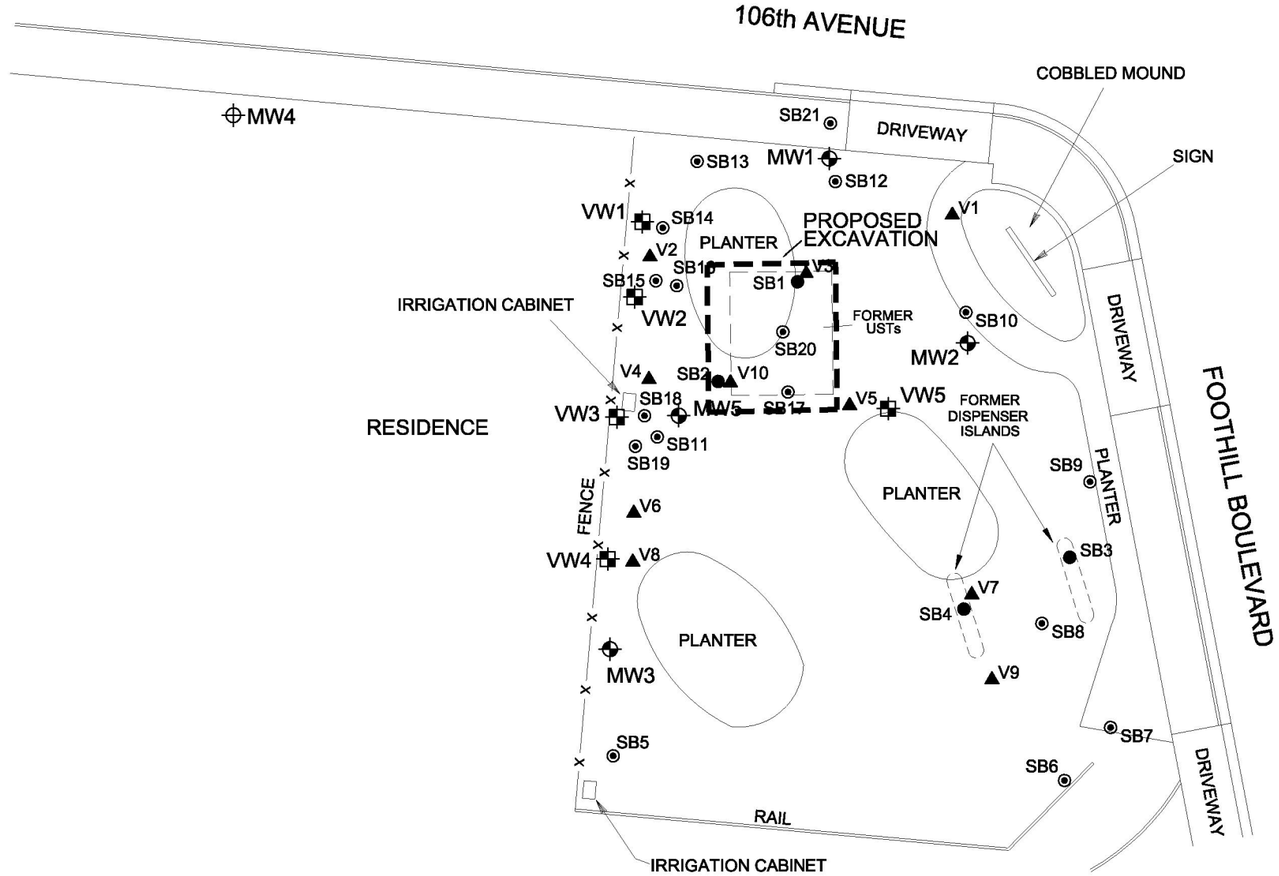
SITE PLAN SHOWING SOIL VAPOR ANALYTICAL RESULTS
FORMER EXXON RS 7-4121
10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA
27 APRIL 2007

FIGURE: **8**

FILENAME: SECTION50507.DWG 05/23/2007

LEGEND:

- Groundwater Monitoring Well
- Vapor Monitoring Well
- Soil Boring (Installed by AEI)
- Direct Push Soil Boring (Installed by ETIC)
- Soil Vapor Probe
- Proposed Groundwater Monitoring Well



N

0 30

Scale (feet)

FILENAME: PROP0507.DWG 05/31/2007

ETIC ENGINEERING

SITE PLAN SHOWING PROPOSED EXCAVATION
FORMER EXXON RS 7-4121
10605 FOOTHILL BOULEVARD
OAKLAND, CALIFORNIA

FIGURE:
9

Tables

TABLE 1 WELL CONSTRUCTION DETAILS, FORMER EXXON RS 7-4121, 10605 FOOTHILL BOULEVARD, OAKLAND, 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	01/23/07	82.47	PVC	26.5	25	8	2	10 - 25	0.010	8 - 25	#2/12 Sand
MW2	a	01/23/07	84.40	PVC	26.5	25	8	2	10 - 25	0.010	8 - 25	#2/12 Sand
MW3	a	01/24/07	83.25	PVC	26.5	25	8	2	10 - 25	0.010	8 - 25	#2/12 Sand
MW5	a	01/23/07	82.65	PVC	26.5	25	8	2	10 - 25	0.010	8 - 25	#2/12 Sand
VW1	a	01/22/07	--	SS	6	6	6	0.125	5.25 - 5.75	0.010	5 - 6	#2/12 Sand
VW2	a	01/22/07	--	SS	6	6	6	0.125	5.25 - 5.75	0.010	5 - 6	#2/12 Sand
VW3	a	01/22/07	--	SS	6	6	6	0.125	5.25 - 5.75	0.010	5 - 6	#2/12 Sand
VW4	a	01/22/07	--	SS	6	6	6	0.125	5.25 - 5.75	0.010	5 - 6	#2/12 Sand
VW5	a	01/22/07	--	SS	6	6	6	0.125	5.25 - 5.75	0.010	5 - 6	#2/12 Sand

a Well surveyed on 12 March 2007 by Morrow Surveying.

PVC Polyvinyl chloride.
SS Stainless steel.
TOC Top of casing.

TABLE 2 SOIL SAMPLE ANALYTICAL RESULTS BY EPA METHOD 8015B AND 8021B,
FORMER EXXON RETAIL SITE 7-4121, 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (feet)	Concentration (mg/kg)						
			Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE
SB1	03/19/04	11	0.55	11	0.92	2.6	1,000	590	<2.5
SB2	03/19/04	18	<0.05	0.39	0.40	0.13	65	37	<0.5
SB3	03/19/04	5	<0.005	<0.005	<0.005	<0.005	<1.0	<1.0	<0.05
SB4	03/19/04	5	<0.005	<0.005	<0.005	<0.005	<1.0	2.1	<0.05
SB5	05/26/05	5-5.5	<0.001	<0.005	<0.005	<0.005	<4.98	<10.1	<0.002[a]
SB5	05/26/05	17.5-18	<0.001	<0.005	<0.005	<0.005	<4.97	<9.92	<0.002[a]
SB5	05/26/05	24.5-25	<0.001	<0.005	<0.005	<0.005	<4.99	10.6	<0.002[a]
SB6	05/26/05	5-5.5	<0.001	<0.005	<0.005	<0.005	<5.03	10.2	<0.002[a]
SB6	05/26/05	19.5-20	<0.001	<0.005	<0.005	<0.005	<5.03	<10.1	<0.002[a]
SB6	05/26/05	21.5-22	<0.001	<0.005	<0.005	<0.005	<4.96	<10	<0.002[a]
SB6	05/26/05	24.5-25	<0.001	<0.005	<0.005	<0.005	<4.98	<10	<0.002[a]
SB7	05/26/05	5-5.5	<0.001	<0.005	<0.005	<0.005	<5.02	<10.2	<0.002[a]
SB7	05/26/05	18-18.5	<0.001	<0.005	<0.005	<0.005	<5	<10	<0.002[a]
SB7	05/26/05	22.5-23	<0.001	<0.005	<0.005	<0.005	<4.96	<10	<0.002[a]
SB7	05/26/05	24.5-25	<0.001	<0.005	<0.005	<0.005	<5.02	<10.2	<0.002[a]
SB8	05/26/05	5-5.5	<0.001	<0.005	<0.005	<0.005	<4.97	<9.92	<0.002[a]
SB8	05/26/05	17.5-18	0.0010[b]	<0.005	<0.005	<0.005	<4.96	<9.92	<0.002[a]
SB8	05/26/05	21.5-22	0.0307	<0.005	0.0120	0.0205	11.2	<10	<0.002[a]
SB8	05/26/05	24.5-25	0.0414	0.0153	0.0184	0.0197	10.2	<10	<0.002[a]
SB9	05/27/05	5-5.5	<0.001	<0.005	<0.005	<0.005	<5.02	<9.80	<0.002[a]
SB9	05/27/05	18-18.5	<0.001	<0.005	<0.005	<0.005	<5	<10	<0.002[a]
SB9	05/27/05	19.5-20	<0.001	<0.005	<0.005	<0.005	<4.96	<10	<0.002[a]
SB9	05/27/05	24.5-25	1.58	1.10	0.400	1.72	279	<9.88	<0.002[a]
SB10	05/27/05	5-5.5	<0.001	<0.005	<0.005	<0.005	<5.01	<9.92	<0.002[a]
SB10	05/27/05	17.5-18	<0.001	<0.005	<0.005	<0.005	<5.03	<10	<0.002[a]

TABLE 2 SOIL SAMPLE ANALYTICAL RESULTS BY EPA METHOD 8015B AND 8021B,
FORMER EXXON RETAIL SITE 7-4121, 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (feet)	Concentration (mg/kg)						
			Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE
SB10	05/27/05	24.5-25	<0.001	<0.005	<0.005	<0.005	<5.01	<10	<0.002[a]
SB11	05/27/05	5-5.5	<0.001	<0.005	<0.005	<0.005	<4.99	<10.2	<0.002[a]
SB11	05/27/05	18.5-19	<0.001	<0.005	<0.005	<0.005	<4.95	<10	<0.002[a]
SB11	05/27/05	24.5-25	0.0082	<0.005	<0.005	0.0053	<4.98	<10	<0.002[a]
SB12	05/27/05	5-5.5	<0.001	<0.005	<0.005	<0.005	<4.97	<10	<0.002[a]
SB12	05/27/05	16.5-17	<0.001	<0.0051	<0.0051	<0.0051	<5.05	<9.88	<0.002[a]
SB12	05/27/05	25.5-26	<0.001	<0.005	<0.005	<0.005	<4.98	<9.96	<0.002[a]
SB13	05/27/05	5-5.5	<0.001	<0.005	<0.005	<0.005	<5.02	<9.92	<0.002[a]
SB13	05/27/05	18.5-19	<0.001	<0.0051	<0.0051	<0.0051	<5.05	<9.92	<0.002[a]
SB13	05/27/05	24.5-25	0.0011	<0.005	<0.005	<0.005	<4.95	<9.92	<0.002[a]
SB14	05/02/06	5-5.5	<0.001	<0.001	<0.001	<0.001	<0.1	3.2	<0.005[a]
SB14	05/02/06	10-10.5	<0.001	<0.001	<0.001	<0.001	<0.1	6.5	<0.005[a]
SB14	05/02/06	15-15.5	<0.001	<0.001	<0.001	<0.001	<0.1	2.1	<0.005[a]
SB14	05/02/06	20-20.5	<0.001	<0.001	<0.001	0.0088	1.300	2.8	<0.005[a]
SB14	05/02/06	24.5-25	<0.001	<0.001	<0.001	<0.001	<0.1	2.2	<0.005[a]
SB15	05/02/06	5-5.5	<0.001	<0.001	<0.001	<0.001	<0.1	3.1	<0.005[a]
SB15	05/02/06	15-15.5	<0.001	<0.001	<0.001	<0.001	<0.1	8.7	<0.005[a]
SB15	05/02/06	20-20.5	<0.001	<0.001	0.0016	<0.001	0.160	2.5	<0.005[a]
SB15	05/02/06	24.5-25	<0.001	<0.001	0.0069	<0.001	0.270	1.3	<0.005[a]
SB16	05/02/06	5-5.5	<0.001	<0.001	<0.001	<0.001	<0.1	14	<0.005[a]
SB16	05/02/06	10-10.5	<0.001	<0.001	<0.001	<0.001	<0.1	5.2	<0.005[a]
SB16	05/02/06	15-15.5	<0.001	<0.001	<0.001	<0.001	<0.1	4.2	<0.005[a]
SB16	05/02/06	20-20.5	0.120	0.052	0.043	0.060	14	9.3	<0.005[a]
SB16	05/02/06	24.5-25	<0.001	<0.001	0.0018	<0.001	<0.1	<1.0	<0.005[a]
SB17	05/02/06	5.5-6	<0.001	<0.001	<0.001	<0.001	<0.1	18	<0.005[a]
SB17	05/02/06	10-10.5	<0.01	0.030	0.310	<0.01	38	260	<0.12[a]
SB17	05/02/06	15-15.5	0.018	0.0028	0.017	0.0040	0.700	3.5	<0.005[a]

TABLE 2 SOIL SAMPLE ANALYTICAL RESULTS BY EPA METHOD 8015B AND 8021B,
FORMER EXXON RETAIL SITE 7-4121, 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (feet)	Concentration (mg/kg)						
			Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE
SB17	05/02/06	19.5-20	3.2	2.0	8.8	31	320	18	<1.2[a]
SB17	05/02/06	24.5-25	<0.001	<0.001	<0.001	0.0011	<0.1	1.1	<0.005[a]
SB18	05/03/06	5-5.5	<0.001	<0.001	<0.001	<0.001	<0.1	<1.0	<0.005[a]
SB18	05/03/06	10-10.5	<0.001	<0.001	<0.001	<0.001	<0.1	<1.0	<0.005[a]
SB18	05/03/06	15-15.5	<0.001	<0.001	<0.001	<0.001	<0.1	<1.0	<0.005[a]
SB18	05/03/06	19.5-20	<0.10	<0.10	<0.10	<0.10	29	14	<0.005[a]
SB18	05/03/06	24.5-25	<0.001	<0.001	<0.001	<0.001	<0.1	<1.0	<0.005[a]
SB19	05/02/06	5-5.5	<0.001	<0.001	<0.001	<0.001	<0.1	1.4	<0.005[a]
SB19	05/02/06	10-10.5	<0.001	<0.001	<0.001	0.0015	0.230	4.8	<0.005[a]
SB19	05/02/06	15-15.5	<0.001	<0.001	<0.001	<0.001	<0.1	1.2	<0.005[a]
SB19	05/02/06	20-20.5	<0.10	<0.10	<0.10	0.15	19	5.8	<0.005[a]
SB19	05/02/06	24.5-25	<0.001	<0.001	<0.001	<0.001	<0.1	1.7	<0.005[a]
SB20	05/02/06	5.5-6	<0.001	<0.001	<0.001	<0.001	<0.1	14	<0.005[a]
SB20	05/02/06	10-10.5	0.58	0.60	0.80	0.72	76	98	<0.051[a]
SB20	05/02/06	15-15.5	26	39	24	12	1,300	270	<0.12[a]
SB20	05/02/06	19.5-20	20	18	66	280	2,700	250	<2.5[a]
SB20	05/02/06	23.5-24	0.013	0.0047	0.023	0.0082	0.610	7.0	<0.005[a]
SB21	05/02/06	8-8.5	<0.001	<0.001	<0.001	<0.001	<0.1	1.4	<0.005[a]
SB21	05/02/06	13-13.5	<0.001	<0.001	<0.001	<0.001	<0.1	<1.0	<0.005[a]
SB21	05/02/06	18-18.5	<0.001	<0.001	<0.001	<0.001	<0.1	1.7	0.0088[a]
SB21	05/02/06	19.5-20	<0.001	<0.001	<0.001	0.014	<1	2.4	0.012[a]
SB21	05/02/06	23-23.5	<0.001	<0.001	<0.001	<0.001	<0.1	<1.0	<0.005[a]
SB21	05/02/06	24.5-25	<0.001	<0.001	<0.001	<0.001	<0.1	<1.0	<0.005[a]
V3	05/03/06	9.5-10	<0.001	<0.001	<0.001	<0.001	<0.1	<1.0	<0.005[a]
V4	05/03/06	5-5.5	<0.001	<0.001	<0.001	<0.001	<0.1	<1.0	<0.005[a]
V4	05/03/06	7.5-8	<0.001	<0.001	<0.001	<0.001	<0.1	<1.0	<0.005[a]
V5	05/03/06	5-5.5	<0.001	<0.001	<0.001	<0.001	<0.1	<1.0	<0.005[a]

TABLE 2 SOIL SAMPLE ANALYTICAL RESULTS BY EPA METHOD 8015B AND 8021B,
FORMER EXXON RETAIL SITE 7-4121, 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (feet)	Concentration (mg/kg)						
			Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE
V5	05/03/06	7.5-8	<0.001	<0.001	<0.001	<0.001	0.240	<1.0	<0.005[a]
V8	05/03/06	5-5.5	<0.001	<0.001	<0.001	<0.001	<0.1	<1.0	<0.005[a]
V8	05/03/06	7.5-8	<0.001	<0.001	<0.001	<0.001	<0.1	1.0	<0.005[a]
VW1	**01/22/07**	**5.5-6**	**<0.00101**	**<0.00101**	**<0.00101**	**<0.00303**	**<0.101**	**<3.96**	**<0.00200[a]**
VW2	**01/22/07**	**5.5-6**	**<0.000990**	**<0.000990**	**<0.000990**	**<0.00297**	**<0.0990**	**<3.91**	**<0.00200[a]**
VW3	**01/22/07**	**5.5-6**	**<0.00101**	**<0.00101**	**<0.00101**	**<0.00302**	**<0.101**	**<3.87**	**<0.00200[a]**
VW4	**01/22/07**	**5.5-6**	**<0.00101**	**<0.00101**	**<0.00101**	**<0.00303**	**<0.101**	**8.73**	**<0.00200[a]**
VW5	**01/22/07**	**5.5-6**	**<0.000990**	**<0.000990**	**<0.000990**	**<0.00297**	**<0.0990**	**<3.86**	**<0.00200[a]**
MW1	**01/23/07**	**6-6.5**	**<0.000992**	**<0.000992**	**<0.000992**	**<0.00298**	**<0.0992**	**<3.95**	**<0.00200[a]**
MW1	**01/23/07**	**8-8.5**	**<0.000994**	**<0.000994**	**<0.000994**	**<0.00298**	**<0.0994**	**<3.91**	**<0.00200[a]**
MW1	**01/23/07**	**10-10.5**	**<0.00100**	**<0.00100**	**<0.00100**	**<0.00300**	**<0.100**	**<3.88**	**<0.00200[a]**
MW1	**01/23/07**	**11.5-12**	**<0.000994**	**<0.000994**	**<0.000994**	**<0.00298**	**<0.0994**	**<3.91**	**<0.00200[a]**
MW1	**01/23/07**	**12-12.5**	**<0.000996**	**<0.000996**	**<0.000996**	**<0.00299**	**<0.0996**	**<3.93**	**<0.00200[a]**
MW1	**01/23/07**	**14-14.5**	**<0.00101**	**<0.00101**	**<0.00101**	**<0.00302**	**<0.101**	**<3.89**	**<0.00200[a]**
MW1	**01/23/07**	**15.5-16**	**<0.00100**	**<0.00100**	**<0.00100**	**<0.00300**	**<0.100**	**<3.96**	**<0.00200[a]**
MW1	**01/23/07**	**16-16.5**	**<0.000990**	**0.00121**	**<0.000990**	**<0.00297**	**<0.0990**	**<3.92**	**<0.00200[a]**
MW1	**01/23/07**	**17.5-18**	**0.00857**	**0.00493**	**0.00126**	**0.00459**	**0.720**	**<3.97**	**<0.00200[a,c]**
MW1	**01/23/07**	**18-18.5**	**<0.00100**	**0.00128**	**<0.00100**	**<0.00301**	**<0.100**	**<3.88**	**<0.00200[a]**
MW1	**01/23/07**	**19.5-20**	**<0.00101**	**<0.00101**	**<0.00101**	**0.00413**	**0.454**	**<3.92**	**<0.00200[a]**
MW1	**01/23/07**	**20-20.5**	**0.00128**	**0.00387**	**0.00220**	**0.0120**	**1.38**	**<3.85**	**<0.00200[a]**
MW1	**01/23/07**	**22-22.5**	**0.00539**	**0.00651**	**0.00471**	**0.0336**	**3.92**	**<3.91**	**<0.00200[a]**
MW2	**01/23/07**	**6-6.5**	**<0.00100**	**<0.00100**	**<0.00100**	**<0.00301**	**<0.100**	**<4.00**	**<0.00200[a]**
MW2	**01/23/07**	**8-8.5**	**0.00104**	**0.00112**	**<0.00101**	**<0.00302**	**<0.101**	**<3.87**	**<0.00200[a]**
MW2	**01/23/07**	**10-10.5**	**<0.00101**	**0.00110**	**<0.00101**	**<0.00302**	**<0.101**	**<3.93**	**<0.00200[a]**
MW2	**01/23/07**	**12-12.5**	**<0.00101**	**<0.00101**	**<0.00101**	**<0.00303**	**<0.101**	**<3.84**	**<0.00200[a]**
MW2	**01/23/07**	**14-14.5**	**<0.000990**	**<0.000990**	**<0.000990**	**<0.00297**	**<0.0990**	**<3.94**	**<0.00200[a]**

TABLE 2 SOIL SAMPLE ANALYTICAL RESULTS BY EPA METHOD 8015B AND 8021B,
FORMER EXXON RETAIL SITE 7-4121, 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (feet)	Concentration (mg/kg)						
			Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE
MW2	**01/23/07**	**15.5-16**	**<0.000994**	**<0.000994**	**<0.000994**	**<0.00298**	**<0.0994**	**<3.86**	**<0.00200[a]**
MW2	**01/23/07**	**16-16.5**	**0.00133**	**<0.00101**	**<0.00101**	**<0.00303**	**<0.101**	**<3.97**	**<0.00200[a]**
MW2	**01/23/07**	**18-18.5**	**0.00492**	**<0.000992**	**<0.000992**	**<0.00298**	**0.508**	**<3.91**	**<0.00200[a]**
MW2	**01/23/07**	**19.5-20**	**<0.000992**	**<0.000992**	**<0.000992**	**<0.00298**	**<0.0992**	**<3.74**	**<0.00200[a]**
MW2	**01/23/07**	**20-20.5**	**0.00633**	**<0.00101**	**0.00128**	**<0.00303**	**0.672**	**<3.83**	**<0.00200[a]**
MW2	**01/23/07**	**21.5-22**	**0.00369**	**<0.00100**	**0.00235**	**0.0105**	**2.85**	**<3.86**	**<0.00200[a]**
MW2	**01/23/07**	**22-22.5**	**0.00643**	**<0.000996**	**0.00299**	**0.0138**	**3.32**	**<3.81**	**<0.00200[a]**
MW2	**01/23/07**	**23.5-24**	**0.00185**	**<0.00101**	**<0.00101**	**<0.00302**	**0.591**	**<3.76**	**<0.00200[a]**
MW2	**01/23/07**	**24-24.5**	**0.00136**	**0.00678**	**0.0141**	**0.0891**	**18.7**	**<3.73**	**<0.00200[a]**
MW2	**01/23/07**	**26-26.5**	**4.40**	**2.12**	**2.29**	**3.79**	**964**	**10.6**	**<0.00200[a]**
MW3	**01/24/07**	**6-6.5**	**<0.00101**	**<0.00101**	**<0.00101**	**<0.00302**	**<0.101**	**<3.82**	**<0.00200[a]**
MW3	**01/24/07**	**8-8.5**	**<0.000992**	**<0.000992**	**<0.000992**	**<0.00298**	**<0.0992**	**<3.79**	**<0.00200[a]**
MW3	**01/24/07**	**10-10.5**	**0.00231**	**0.00114**	**<0.00101**	**<0.00302**	**0.141**	**<3.70**	**<0.00200[a]**
MW3	**01/24/07**	**12-12.5**	**0.00102**	**<0.00101**	**<0.00101**	**<0.00302**	**<0.101**	**<3.99**	**<0.00200[a]**
MW3	**01/24/07**	**14-14.5**	**0.00484**	**0.00206**	**<0.00101**	**<0.00301**	**0.363**	**<3.80**	**<0.00200[a]**
MW3	**01/24/07**	**16-16.5**	**<0.00101**	**<0.00101**	**<0.00101**	**<0.00303**	**<0.101**	**<3.95**	**<0.00200[a]**
MW3	**01/24/07**	**18-18.5**	**0.00917**	**0.00404**	**0.00151**	**<0.00301**	**0.794**	**<3.71**	**<0.00200[a]**
MW3	**01/24/07**	**20-20.5**	**<0.00101**	**<0.00101**	**<0.00101**	**<0.00303**	**<0.101**	**<3.96**	**<0.00200[a]**
MW3	**01/24/07**	**22-22.5**	**0.00174**	**<0.000990**	**<0.000990**	**<0.00297**	**<0.0990**	**<3.71**	**<0.00200[a]**
MW3	**01/24/07**	**24-24.5**	**<0.000996**	**<0.000996**	**<0.000996**	**<0.00299**	**<0.0996**	**<3.76**	**<0.00200[a]**
MW3	**01/24/07**	**26-26.5**	**<0.000992**	**<0.000992**	**<0.000992**	**<0.00298**	**<0.0992**	**<3.89**	**<0.00200[a]**
MW5	**01/23/07**	**6-6.5**	**<0.00100**	**<0.00100**	**<0.00100**	**<0.00301**	**<0.100**	**<3.79**	**<0.00200[a]**
MW5	**01/23/07**	**8-8.5**	**<0.00100**	**<0.00100**	**<0.00100**	**<0.00301**	**<0.100**	**<3.76**	**<0.00200[a]**
MW5	**01/23/07**	**10-10.5**	**0.00265**	**<0.000996**	**<0.000996**	**<0.00299**	**0.274**	**<3.94**	**<0.00200[a]**
MW5	**01/23/07**	**12-12.5**	**<0.000998**	**<0.000998**	**<0.000998**	**<0.00299**	**<0.0998**	**<3.82**	**<0.00200[a]**
MW5	**01/23/07**	**14-14.5**	**<0.00100**	**<0.00100**	**<0.00100**	**<0.00301**	**<0.100**	**<3.92**	**<0.00200[a]**
MW5	**01/23/07**	**16-16.5**	**<0.00100**	**<0.00100**	**<0.00100**	**<0.00301**	**<0.100**	**<3.98**	**<0.00200[a]**
MW5	**01/23/07**	**18-18.5**	**0.00189**	**<0.000994**	**<0.000994**	**<0.00298**	**0.385**	**<3.90**	**<0.00200[a]**
MW5	**01/23/07**	**19.5-20**	**0.0102**	**0.00149**	**0.00211**	**0.0125**	**2.01**	**<3.83**	**<0.00200[a]**
MW5	**01/23/07**	**20-20.5**	**0.0138**	**<0.000994**	**0.00279**	**0.0104**	**2.66**	**<3.98**	**<0.00200[a]**
MW5	**01/23/07**	**22-22.5**	**0.00111**	**<0.00100**	**<0.00100**	**<0.00301**	**0.603**	**<3.80**	**<0.00200[a]**
MW5	**01/23/07**	**24-24.5**	**0.00666**	**<0.000996**	**<0.000996**	**<0.00299**	**0.138**	**<3.81**	**<0.00200[a]**

TABLE 2 SOIL SAMPLE ANALYTICAL RESULTS BY EPA METHOD 8015B AND 8021B,
FORMER EXXON RETAIL SITE 7-4121, 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (feet)	Concentration (mg/kg)						
			Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE
MW5	**01/23/07**	**26-26.5**	**0.00288**	**<0.000992**	**<0.000992**	**<0.00298**	**<0.0992**	**<3.74**	**<0.00200[a]**

a Methyl tertiary butyl ether by 8260B.
b Estimated value below reporting limit.
c Secondary ion abundances were outside method requirements. Identification based on analytical judgement.

MTBE Methyl tertiary butyl ether by EPA Method 8021B unless otherwise indicated.
TPH-g Total Petroleum Hydrocarbons as gasoline by EPA Method 8015B.
TPH-d Total Petroleum Hydrocarbons as diesel by EPA Method 8015B.

mg/kg Milligrams per kilogram.

TABLE 3 SOIL SAMPLE ANALYTICAL RESULTS BY EPA METHOD 8260B, FORMER EXXON RETAIL SITE 7-4121, 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (feet)	Concentration (mg/kg)										
			Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	TBA	DIPE	ETBE	1,2-DCA	TAME	1,2-EDB
SB1	03/19/04	11	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB2	03/19/04	18	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB3	03/19/04	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB4	03/19/04	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB5	05/26/05	5-5.5	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB5	05/26/05	17.5-18	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB5	05/26/05	24.5-25	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB6	05/26/05	5-5.5	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB6	05/26/05	19.5-20	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB6	05/26/05	21.5-22	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB6	05/26/05	24.5-25	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB7	05/26/05	5-5.5	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB7	05/26/05	18-18.5	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB7	05/26/05	22.5-23	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB7	05/26/05	24.5-25	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB8	05/26/05	5-5.5	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB8	05/26/05	17.5-18	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB8	05/26/05	21.5-22	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB8	05/26/05	24.5-25	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB9	05/27/05	5-5.5	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB9	05/27/05	18-18.5	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB9	05/27/05	19.5-20	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB9	05/27/05	24.5-25	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB10	05/27/05	5-5.5	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB10	05/27/05	17.5-18	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB10	05/27/05	24.5-25	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB11	05/27/05	5-5.5	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB11	05/27/05	18.5-19	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB11	05/27/05	24.5-25	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB12	05/27/05	5-5.5	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB12	05/27/05	16.5-17	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB12	05/27/05	25.5-26	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB13	05/27/05	5-5.5	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB13	05/27/05	18.5-19	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB13	05/27/05	24.5-25	NA	NA	NA	NA	<0.002	NA	NA	NA	NA	NA	NA
SB14	05/02/06	5-5.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB14	05/02/06	10-10.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB14	05/02/06	15-15.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB14	05/02/06	20-20.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB14	05/02/06	24.5-25	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

TABLE 3 SOIL SAMPLE ANALYTICAL RESULTS BY EPA METHOD 8260B, FORMER EXXON RETAIL SITE 7-4121, 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (feet)	Concentration (mg/kg)										
			Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	TBA	DIPE	ETBE	1,2-DCA	TAME	1,2-EDB
SB15	05/02/06	5-5.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB15	05/02/06	15-15.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB15	05/02/06	20-20.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB15	05/02/06	24.5-25	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB16	05/02/06	5-5.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB16	05/02/06	10-10.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB16	05/02/06	15-15.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB16	05/02/06	20-20.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB16	05/02/06	24.5-25	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB17	05/02/06	5.5-6	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB17	05/02/06	10-10.5	NA	NA	NA	NA	<0.12	<25	<0.12	<0.12	<0.12	<0.12	<0.12
SB17	05/02/06	15-15.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB17	05/02/06	19.5-20	NA	NA	NA	NA	<1.2	<250	<1.2	<1.2	<1.2	<1.2	<1.2
SB17	05/02/06	24.5-25	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB18	05/03/06	5-5.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB18	05/03/06	10-10.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB18	05/03/06	15-15.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB18	05/03/06	19.5-20	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB18	05/03/06	24.5-25	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB19	05/02/06	5-5.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB19	05/02/06	10-10.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB19	05/02/06	15-15.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB19	05/02/06	20-20.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB19	05/02/06	24.5-25	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB20	05/02/06	5.5-6	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB20	05/02/06	10-10.5	NA	NA	NA	NA	<0.051	<0.200	<0.051	<0.051	<0.051	<0.051	<0.051
SB20	05/02/06	15-15.5	NA	NA	NA	NA	<0.12	<25	<0.12	<0.12	<0.12	<0.12	<0.12
SB20	05/02/06	19.5-20	NA	NA	NA	NA	<2.5	<500	<2.5	<2.5	<2.5	<2.5	<2.5
SB20	05/02/06	23.5-24	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB21	05/02/06	8-8.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB21	05/02/06	13-13.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB21	05/02/06	18-18.5	NA	NA	NA	NA	0.0088	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB21	05/02/06	19.5-20	NA	NA	NA	NA	0.012	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB21	05/02/06	23-23.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
SB21	05/02/06	24.5-25	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
V3	05/03/06	9.5-10	NA	NA	NA	<0.001	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
V4	05/03/06	5-5.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
V4	05/03/06	7.5-8	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
V5	05/03/06	5-5.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
V5	05/03/06	7.5-8	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
V8	05/03/06	5-5.5	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
V8	05/03/06	7.5-8	NA	NA	NA	NA	<0.0050	<0.020	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050

TABLE 3 SOIL SAMPLE ANALYTICAL RESULTS BY EPA METHOD 8260B, FORMER EXXON RETAIL SITE 7-4121, 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (feet)	Concentration (mg/kg)										
			Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	TBA	DIPE	ETBE	1,2-DCA	TAME	1,2-EDB
VW1	**01/22/07**	**5.5-6**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
VW2	**01/22/07**	**5.5-6**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
VW3	**01/22/07**	**5.5-6**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
VW4	**01/22/07**	**5.5-6**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
VW5	**01/22/07**	**5.5-6**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW1	**01/23/07**	**6-6.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW1	**01/23/07**	**8-8.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW1	**01/23/07**	**10-10.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW1	**01/23/07**	**11.5-12**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW1	**01/23/07**	**12-12.5**	**<0.00200**	**0.00211**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW1	**01/23/07**	**14-14.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW1	**01/23/07**	**15.5-16**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW1	**01/23/07**	**16-16.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW1	**01/23/07**	**17.5-18**	**<0.00200**	**0.00221**	**<0.00200**	**<0.00500**	**<0.00200a**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW1	**01/23/07**	**18-18.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW1	**01/23/07**	**19.5-20**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW1	**01/23/07**	**20-20.5**	**<0.00200**	**0.00403**	**0.00202**	**0.00546**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW1	**01/23/07**	**22-22.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW2	**01/23/07**	**6-6.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW2	**01/23/07**	**8-8.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW2	**01/23/07**	**10-10.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW2	**01/23/07**	**12-12.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW2	**01/23/07**	**14-14.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW2	**01/23/07**	**15.5-16**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW2	**01/23/07**	**16-16.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW2	**01/23/07**	**18-18.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW2	**01/23/07**	**19.5-20**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW2	**01/23/07**	**20-20.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW2	**01/23/07**	**21.5-22**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW2	**01/23/07**	**22-22.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW2	**01/23/07**	**23.5-24**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW2	**01/23/07**	**24-24.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW2	**01/23/07**	**26-26.5**	**<0.00200**	**0.00944**	**<0.00200**	**0.0268**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW3	**01/24/07**	**6-6.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW3	**01/24/07**	**8-8.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW3	**01/24/07**	**10-10.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW3	**01/24/07**	**12-12.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW3	**01/24/07**	**14-14.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW3	**01/24/07**	**16-16.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW3	**01/24/07**	**18-18.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW3	**01/24/07**	**20-20.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW3	**01/24/07**	**22-22.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW3	**01/24/07**	**24-24.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW3	**01/24/07**	**26-26.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**

TABLE 3 SOIL SAMPLE ANALYTICAL RESULTS BY EPA METHOD 8260B, FORMER EXXON RETAIL SITE 7-4121, 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

Sample ID	Date	Depth (feet)	Concentration (mg/kg)										
			Benzene	Toluene	Ethyl-benzene	Total Xylenes	MTBE	TBA	DIPE	ETBE	1,2-DCA	TAME	1,2-EDB
MW5	**01/23/07**	**6-6.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW5	**01/23/07**	**8-8.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW5	**01/23/07**	**10-10.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW5	**01/23/07**	**12-12.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW5	**01/23/07**	**14-14.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW5	**01/23/07**	**16-16.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW5	**01/23/07**	**18-18.5**	**<0.00200**	**0.00229**	**0.00217**	**0.00878**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW5	**01/23/07**	**19.5-20**	**<0.00200**	**<0.00200**	**<0.00200**	**0.00562**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW5	**01/23/07**	**20-20.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW5	**01/23/07**	**22-22.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW5	**01/23/07**	**24-24.5**	**0.00517**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**
MW5	**01/23/07**	**26-26.5**	**<0.00200**	**<0.00200**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.0500**	**<0.00200**	**<0.00500**	**<0.00200**	**<0.00200**	**<0.00200**

a Secondary ion abundances were outside method requirements. Identification based on analytical judgement.

MTBE Methyl tertiary butyl ether.
TBA Tertiary butyl alcohol.
DIPE Diisopropyl ether.
ETBE Ethyl tertiary butyl ether.
1,2-DCA 1,2-Dichloroethane.
TAME Tertiary amyl methyl ether.
1,2-EDB 1,2-Dibromoethane.
NA Not analyzed.

mg/kg Milligrams per kilogram.

TABLE 4 GROUNDWATER SAMPLE ANALYTICAL RESULTS FOR TEMPORARY BORINGS,
FORMER EXXON RETAIL SITE 7-4121, 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

Boring ID	Date	Depth to Water (feet bgs)	Concentration (µg/L)							
			Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE	VOCs
SB1	03/19/04	13.3-16	250	22	310	71	3,200	4,200	<17[a]	NA
SB2	03/19/04	14-22	17	24	68	21	7,000	26,000	<17[a]	NA
SB5	05/26/05	20[b]	<0.5	<0.5	<0.5	<0.5	<50	341	<0.5	NA
SB6	05/26/05	22[b]	<0.5	<0.5	<0.5	<0.5	<50	<56	<0.5	NA
SB7	05/26/05	19[b]	<0.5	<0.5	<0.5	<0.5	<50	57	<0.5	NA
SB8	05/26/05	18[b]	75.7	0.5	4.7	4.7	824	801	<0.5	NA
SB9	05/27/05	20[b]	<0.5	<0.5	<0.5	<0.5	<50	<50	<0.5	NA
SB10	05/27/05	20[b]	<0.5	<0.5	<0.5	0.7	54.5	<50	<0.5	NA
SB11	05/27/05	20[b]	<0.5	<0.5	1.9	0.5	2,250	701	<0.5	NA
SB12	05/27/05	20[b]	<0.5	0.5	1.0	<0.5	1,060	305	4.30	NA
SB13	05/27/05	20[b]	<0.5	<0.5	0.6	<0.5	447	121	14.2	NA
SB14	05/02/06	20[b]	1.89	<0.500	102	5.56	2,340	820[c]	<0.500	ND
SB15	05/02/06	20[b]	18.4	<0.500	42.6	4.16	831	440[c]	<0.500	ND
SB16	05/02/06	20[b]	30.3	0.820	410	11.3	5,940	1,700[c]	<0.500	ND

TABLE 4 GROUNDWATER SAMPLE ANALYTICAL RESULTS FOR TEMPORARY BORINGS,
FORMER EXXON RETAIL SITE 7-4121, 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

Boring ID	Date	Depth to Water (feet bgs)	Concentration (µg/L)							
			Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE	VOCs
SB17	05/02/06	20[b]	2,140	1,400	4,690	11,100	60,800	7,500[c]	<25.0	ND
SB18	05/03/06	20[b]	<25.0	<25.0	159	<25.0	10,100	1,700[c]	<25.0	ND
SB19	05/02/06	20[b]	4.19	<0.500	5.78	6.29	3,100	720[c]	<0.500	ND
SB20	05/02/06	20[b]	3,240	53.2	3,670	4,170	41,800	4,300[c]	<0.500	ND
SB21	05/02/06	22[b]	<0.500	<0.500	<0.500	<0.500	1,390	440[c]	83.3	ND

a Methyl tertiary butyl ether by EPA Method 8021B.
b Depth of grab groundwater sample.
c Hydrocarbon pattern is present within the requested fuel quantitation range but does not resemble the pattern of the requested fuel.

MTBE Methyl tertiary butyl ether analyzed by EPA Method 8260B unless otherwise indicated.
NA Not analyzed.
ND Not detected at or above laboratory reporting limits.
TPH-g Total Petroleum Hydrocarbons as gasoline analyzed by EPA Method 8015B.
TPH-d Total Petroleum Hydrocarbons as diesel analyzed by EPA Method 8015B.
VOCs Tert-amyl methyl ether, 1,2-dibromoethane, 1,2-dichloroethane, ethyl tert-butyl ether, diisopropyl ether, and tertiary butyl alcohol analyzed by EPA Method 8260B.

µg/L Micrograms per liter.

TABLE 5 GROUNDWATER DATA AND ANALYTICAL RESULTS FOR MONITORING WELLS, FORMER EXXON RETAIL SITE 7-4121, 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

Boring ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Groundwater Elevation (feet)	Concentration (µg/L)												
					Benzene	Toluene	Ethyl-benzene	Total Xylenes	TPH-g	TPH-d	MTBE	TBA	DIPE	ETBE	1,2-DCA	TAME	1,2-EDB
MW1	**03/08/07**	**82.47**	**15.10**	**67.37**	**<1.00**	**1.21**	**<1.00**	**<3.00**	**440**	**119**	**1.91**	**<10.0**	**<0.500**	**<0.500**	**<0.500**	**0.560**	**<0.500**
MW2	**03/08/07**	**84.40**	**16.97**	**67.43**	**1.33**	**3.52**	**2.41**	**<3.00**	**1,620**	**550**	**<0.500**	**<10.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<0.500**
MW3	**03/08/07**	**83.25**	**15.49**	**67.76**	**<1.00**	**<1.00**	**<1.00**	**<3.00**	**<100**	**52.9**	**<0.500**	**<10.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<0.500**
MW5	**03/08/07**	**82.65**	**14.31**	**68.34**	**<1.00**	**<1.00**	**<1.00**	**<3.00**	**187**	**59.2**	**<0.500**	**<10.0**	**<0.500**	**<0.500**	**<0.500**	**<0.500**	**<0.500**

MTBE Methyl tertiary butyl ether analyzed by EPA Method 8260B unless otherwise indicated.
1,2-DCA 1,2-Dichloroethane.
1,2-EDB 1,2-Dibromoethane.
DIPE Diisopropyl ether.
ETBE Ethyl tertiary butyl ether.
NA Not analyzed.
TAME Tertiary amyl methyl ether.
TBA Tertiary butyl alcohol.
TPH-d Total Petroleum Hydrocarbons as diesel analyzed by EPA Method 8015B.
TPH-g Total Petroleum Hydrocarbons as gasoline analyzed by EPA Method 8015B.

µg/L Micrograms per liter.

TABLE 6 PHYSICAL PROPERTIES ANALYTICAL RESULTS FOR SOIL SAMPLES,
FORMER EXXON RETAIL SITE 7-4121, 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

Boring ID	Sample Date	Sample Depth (feet bgs)	Moisture Content (%)	Porosity (pore volume %)	Specific Gravity (gm/cc)
SB14	04/26/06	2.5	23.91	38.57	2.63
SB15	04/27/06	2.5	22.08	42.04	2.63
SB16	04/27/06	2.5	20.18	46.82	2.57
SB17	04/26/06	2.5	20.32	39.20	2.56
SB18	04/26/06	3.0	23.88	43.45	2.61
SB19	04/26/06	2.5	23.54	41.35	2.58
SB20	04/26/06	2.5	21.83	43.04	2.54
SB21	05/02/06	2.5	20.89	38.81	2.65
VW1	**01/22/07**	**5.5**	**23.4**	**35**	**NA**
VW2	**01/22/07**	**5.5**	**17.4**	**37**	**NA**
VW3	**01/22/07**	**5.5**	**21.6**	**38**	**NA**
VW4	**01/22/07**	**5.5**	**21.7**	**49**	**NA**
VW5	**01/22/07**	**5.5**	**24.3**	**43**	**NA**

feet bgs Feet below ground surface.
gm/cc Grams per cubic centimeter.
% Percent.
NA Not analyzed.

TABLE 7 SOIL VAPOR SAMPLE ANALYTICAL RESULTS, FORMER EXXON RETAIL SITE 7-4121, 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

				Concentration (µg/m^3)													
Boring ID	Depth (feet bgs)	Date	Oxygen (% by Volume)	Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	TPH-g	MTBE	1,1-DFA	TBA	DIPE	ETBE	1,2-DCA	TAME	1,2-EDB
V1	5.5	05/01/06	9.4	200	<100	<100	<100	<100	790,000	<100	<10,000	--	--	--	--	--	--
V2[a]	--	05/01/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V3	5.5	05/01/06	19	120	160	140	<100	<100	110,000	<100	<10,000	--	--	--	--	--	--
V3[a]	10	05/01/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V4[a]	--	05/01/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V5[a]	--	05/01/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V6	7.0	05/01/06	9.1	170	<100	540	410	<100	880,000	<100	<10,000	--	--	--	--	--	--
V7	7.5	05/01/06	21	84	140	<100	110	<100	2,200	<100	<10,000	--	--	--	--	--	--
V7 dup	7.5	05/01/06	20	<80	110	<100	<100	<100	2,400	<100	<10,000	--	--	--	--	--	--
V8[a]	--	05/01/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
V9	7.5	05/01/06	19	<80	<100	<100	<100	<100	360,000	<100	<10,000	--	--	--	--	--	--
V10	8.0	05/01/06	11	1,100	130	340	180	<100	6,600,000	<100	<10,000	--	--	--	--	--	--
V10	10.0	05/01/06	9.0	1,900	<100	<100	<100	<100	17,000,000	<100	<10,000	--	--	--	--	--	--
VW1[b]	**5 - 6**	**4/27/07**	**11.1**	**<2.4**	**12**	**<3.2**	**10**	**4.8**	**<20,000**	**<11**	**<8.1**	**<9.0**	**<12**	**<12**	**<3.0**	**<19**	**<5.7**
VW2[c]	**--**	**4/27/07**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
VW3[c]	**--**	**4/27/07**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
VW4[c]	**--**	**4/27/07**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**	**--**
VW5[b]	**5 - 6**	**4/27/07**	**3.49**	**4.4**	**11**	**4.4**	**12**	**4.8**	**<23,000**	**<12**	**<8.9**	**<9.9**	**<14**	**<14**	**<3.3**	**<21**	**<6.3**

Note: Soil vapor samples in soil borings V1 through V10 were collected after purging 7 casing volumes or approximately 70 cc of vapor from the tubing (10 cc per 12 feet of tubing).

a Soil vapor could not be extracted at depths between 4 and 10 feet bgs from this boring.
b Soil vapor samples were collected without purging (grab samples).
c Soil vapor samples were not collected due to the presence of water.

TABLE 7 SOIL VAPOR SAMPLE ANALYTICAL RESULTS, FORMER EXXON RETAIL SITE 7-4121, 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

Boring ID	Depth (feet bgs)	Date	Oxygen (% by Volume)	Concentration ($\mu g/m^3$) Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	TPH-g	MTBE	1,1-DFA	TBA	DIPE	ETBE	1,2-DCA	TAME	1,2-EDB

feet bgs Feet below ground surface.
1,1-DFA 1,1-Difluoroethane.
1,2-DCA 1,2-Dichloroethane.
1,2-EDB 1,2-Dibromoethane.
DIPE Diisopropyl ether.
ETBE Ethyl tertiary butyl ether.
MTBE Methyl tertiary butyl ether.
TAME Tertiary amyl methyl ether.
TBA Tertiary butyl alcohol.
TPH-g Total Petroleum Hydrocarbons as gasoline reported as C6-C12.

dup Duplicate.

-- Not analyzed.
$\mu g/m^3$ micrograms per cubic meter.

TABLE 8 TIER I ENVIRONMENTAL SCREENING LEVELS FOR SHALLOW SOIL,
FORMER EXXON RS 7-4121, 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

				Concentration (mg/kg)		
					Tier I Environmental Screening Levels for Shallow Soil	
					Direct Exposure	
Chemical	Sample ID	Date	Depth (feet)	Maximum Reported Concentration*	Commercial/Industrial Land Use	Construction/Trench Worker Scenario
Benzene	SB-3, SB-4	03/19/04	5	<0.005	0.38	16
Toluene	Multiple	03/19/04 and 05/26-27/05	5, 5-5.5	<0.005	340	650
Ethylbenzene	Multiple	03/19/04 and 05/26-27/05	5, 5-5.5	<0.005	400	400
Total Xylenes	Multiple	03/19/04 and 05/26-27/05	5, 5-5.5	<0.005	420	420
TPH-g	SB6	05/26/05	5-5.5	<5.03	750	6,000
TPH-d	SB17	05/02/06	5-5.5	18	750	6,000
MTBE	SB3, SB4	03/19/04	5	<0.05	68	2,500

Note: Tier I Environmental Screening Levels adopted by RWQCB correspond to a 1 x 10^{-6} Target Risk Level and a target Hazard Quotient of 0.2. From Tables K-2 and K-3: Direct Exposure Screening Levels, Commercial/Industrial Worker Exposure Scenario, Final Screening Level (February 2005).

* Historical maximum concentrations are from soil samples collected within shallow soils which are defined as soil from 0-10 feet below ground surface.

TPH-g Total Petroleum Hydrocarbons as gasoline.
TPH-d Total Petroleum Hydrocarbons as diesel.
MTBE Methyl tert butyl ether.

mg/kg Milligrams per kilogram.

TABLE 9 TIER I ENVIRONMENTAL SCREENING LEVELS FOR SOIL VAPOR FROM VAPOR WELLS, FORMER EXXON RS 7-4121, 10605 FOOTHILL BOULEVARD, OAKLAND, CALIFORNIA

				Concentration ($\mu g/m^3$)				
					Tier I ESL - Potential Vapor Intrusion Concern[b]			
					Residential Land Use		Commercial/Industrial Land Use	
Chemical of Concern	Sample ID	Sample Depth (feet bgs)	Date	Maximum Reported Concentration[a]	Carcinogenic Effects	Non-Carcinogenic Effects	Carcinogenic Effects	Non-Carcinogenic Effects
Benzene	VW5	5 - 6	04/27/07	4.4	85	12,000	290	35,000
Toluene	VW1	5 - 6	04/27/07	12	NA	63,000	NA	180,000
Ethylbenzene	VW5	5 - 6	04/27/07	4.4	NA	420,000	NA	1,200,000
Total Xylenes	VW5	5 - 6	04/27/07	16.8	NA	150,000	NA	410,000
TPH-g	VW5	5 - 6	04/27/07	<23,000	NA	26,000	NA	72,000
MTBE	VW5	5 - 6	04/27/07	<12	9,400	1,700,000	31,000	4,700,000

Notes:

a Data reflect maximum concentrations reported from the analysis of shallow soil vapor samples collected on 04/27/07.

b From Table E-2: Shallow soil gas screening levels for evaluation of potential vapor intrusion concerns. Screening for Environmental Concerns at Sites with Contaminated Soil and Groundwater - Interim Final, San Francisco Regional Water Quality Control Board, February 2005. Tier I Environmental Screening Levels adopted by RWQCB correspond to a 1×10^{-6} target risk level and a target hazard quotient of 0.2. TPH-g ESL based on hazard quotient of 0.5.

ESL Environmental Screening Level.
MTBE Methyl tertiary butyl ether.
NA Not applicable.
TPH-g Total Petroleum Hydrocarbons as gasoline.

feet bgs Feet below ground surface.
$\mu g/m^3$ Micrograms per cubic meter.

Appendix A

Regulatory Correspondence

From: "Chan, Barney, Env. Health" <barney.chan@acgov.org>
To: "Bryan campbell" <BCampbell@eticeng.com>
CC: <pmcintyre@aeiconsultants.com>, "Christa Marting" <CMarting@eticeng.com>...
Date: 4/27/2007 10:06 AM
Subject: RE: 7-4121: 10605 Foothill Blvd, Oakland, California

Bryan:

Your request for report extension is approved. We look forward to receiving the upcoming report.

Barney M. Chan
Hazardous Materials Specialist
Alameda County Environmental Health
510-567-6765

-----Original Message-----
From: Bryan campbell [mailto:BCampbell@eticeng.com]
Sent: Wednesday, April 25, 2007 3:32 PM
To: Chan, Barney, Env. Health
Cc: pmcintyre@aeiconsultants.com; Christa Marting; Deborah Hensley; Erik Appel; Yuko Mamiya; jennifer.c.sedlachek@exxonmobil.com; Ken Phares
Subject: 7-4121: 10605 Foothill Blvd, Oakland, California

Barney,

Per our recent conversation we are requesting an extension of the report stated in your 11/8/06 letter from May 1 to May 31. We have been working to resolve the issues with the installation of the proposed offsite well per the requirements of encroachment with the City of Oakland and to collect vapor samples from the newly installed shallow vapor wells. The vapor wells have contained only water during our multiple sampling attempts. The agreement for the offsite well is currently under review by our client.

This extension will allow us one final attempt to collect the vapor samples using some new equipment and to have the vapor samples analyzed and included as part of this report. Per our conversation the submission of the report will include the results of all completed investigation activities to date even if the vapor samples cannot be collected or the offsite well installed by that time. The report will also include a corrective action plan portion.

I certainly appreciate your understanding. Please let me know if you have any questions. Thank you.

Bryan Campbell, P.G.
ETIC Engineering, Inc.
2285 Morello Avenue, Pleasant Hill, CA 94523
Phone: 925-602-4710 ext. 24, Fax: 925-602-4720
Cell: 925-250-5256, bcampbell@eticeng.com

FILE COPY

From: "Chan, Barney, Env. Health" <barney.chan@acgov.org>
To: "Bryan campbell" <BCampbell@eticeng com>
Date: 1/9/07 2:51PM
Subject: RE: 7-4121: 10605 Foothill Blvd, Oakland, CA - Extension Request

Bryan: Your request for a 90 day extension is granted with the condition that you proceed with the on-site work as you have stated.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist
Alameda County Environmental Health
510-567-6765

-----Original Message-----
From: Bryan campbell [mailto:BCampbell@eticeng.com]
Sent: Monday, January 08, 2007 5:44 PM
To: Chan, Barney, Env. Health
Cc: pmcintyre@aeiconsultants.com; Christa Marting; Erik Appel; Yuko Mamiya; jennifer.c.sedlachek@exxonmobil.com; kphares@ix.netcom.com
Subject: 7-4121: 10605 Foothill Blvd, Oakland, CA - Extension Request

Barney,

Thank you for your approval of the location of the proposed onsite well in your email dated 12/26/06.

We are requesting a 90-day extension of the report stated in your 11/8/06 letter from January 31 to May 1, 2007. This extension will allow us time to complete our well installations (vapor and groundwater) which are tentatively scheduled for the week of January 22. Additionally, we will be able to complete our analysis and risk assessment from data gathered from the new wells.

The extension will also allow us time to resolve the situation with the proposed offsite well. For well MW4, which is proposed offsite in the city right-of-way, the City of Oakland requirements state that the property owner or legal tenant have to permit the installation of the well (instead of ExxonMobil). We have contacted the City of Oakland regarding this issue and they have reiterated their requirements. We have contacted the property owner and we are currently attempting to speak directly with the Director of Building Services at the City of Oakland to see how we can resolve this situation. Also, we have to move the location of the offsite well; the well was originally proposed within the sidewalk but it will now be located in the nearby parking lane per the requirements from the City of Oakland.

We plan on moving ahead with the onsite work on the week of January 22nd regardless of the permitting of this offsite well location, and if necessary, we will remobilize once it is approved.

Please let me know if you have any questions. Thank you.

Bryan Campbell, P.G.
ETIC Engineering, Inc.
2285 Morello Avenue, Pleasant Hill, CA 94523
Phone: 925-602-4710 ext. 24, Fax: 925-602-4720
Cell: 925-250-5256, bcampbell@eticeng.com

CC: <pmcintyre@aeiconsultants.com>, "Christa Marting" <CMarting@eticeng.com>, "Erik Appel" <EAppel@eticeng.com>, "Yuko Mamiya" <YMamiya@eticeng.com>, <jennifer.c.sedlachek@exxonmobil.com>, <kphares@ix.netcom.com>

FILE COPY

From: "Chan, Barney, Env. Health" <barney.chan@acgov.org>
To: "Bryan campbell" <BCampbell@eticeng.com>
Date: 12/26/06 10:58AM
Subject: RE: 7-4121: 10605 Foothill Blvd, Oakland, CA

I agree with the location of the additionally proposed well.

Barney M. Chan
Hazardous Materials Specialist
Alameda County Environmental Health
510-567-6765

-----Original Message-----
From: Bryan campbell [mailto:BCampbell@eticeng.com]
Sent: Thursday, December 21, 2006 5:38 PM
To: Chan, Barney, Env. Health
Cc: Christa Marting; Erik Appel; jennifer.c.sedlachek@exxonmobil.com
Subject: 7-4121: 10605 Foothill Blvd, Oakland, CA

Barney,

Per your letter dated 11/8/06, attached is a revised map for the Additional Risk Assessment and Well Installation Work Plan dated October 2006 for Former Exxon RS 7-4121 located at 10605 Foothill Blvd in Oakland. As requested in you letter, one additional groundwater monitoring well (MW5) is proposed between boring SB2 and SB18 as shown on the attached map. The well will be installed in accordance with the scope in the work plan for the installation of the other proposed groundwater monitoring wells.

Thank you for your continued oversight and attention to this project. Please let me know if you agree with this proposed change. Thank you.

Bryan Campbell, P.G.
ETIC Engineering, Inc.
2285 Morello Avenue, Pleasant Hill, CA 94523
Phone: 925-602-4710 ext. 24, Fax: 925-602-4720
Cell: 925-250-5256, bcampbell@eticeng.com

CC: "Christa Marting" <CMarting@eticeng.com>, "Erik Appel" <EAppel@eticeng.com>, <jennifer.c.sedlachek@exxonmobil.com>

FILE COPY

From: Bryan campbell
To: Chan, Barney, Env. Health
Date: 12/21/06 5:38PM
Subject: 7-4121: 10605 Foothill Blvd, Oakland, CA

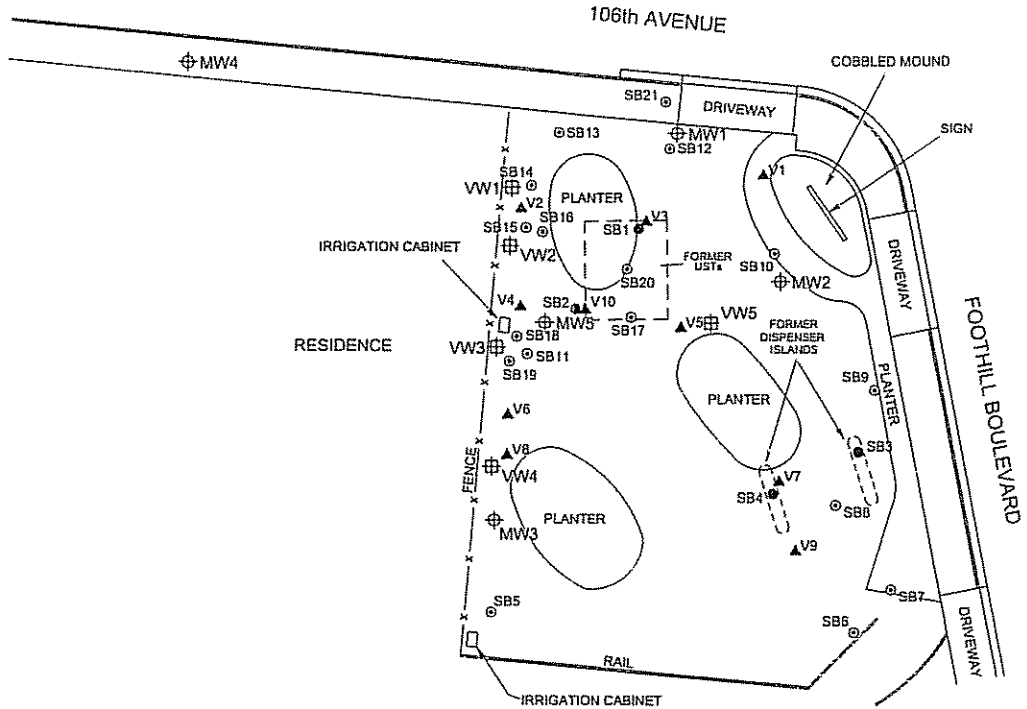
Barney,

Per your letter dated 11/8/06, attached is a revised map for the Additional Risk Assessment and Well Installation Work Plan dated October 2006 for Former Exxon RS 7-4121 located at 10605 Foothill Blvd in Oakland. As requested in you letter, one additional groundwater monitoring well (MW5) is proposed between boring SB2 and SB18 as shown on the attached map. The well will be installed in accordance with the scope in the work plan for the installation of the other proposed groundwater monitoring wells.

Thank you for your continued oversight and attention to this project. Please let me know if you agree with this proposed change. Thank you.

Bryan Campbell, P.G.
ETIC Engineering, Inc.
2285 Morello Avenue, Pleasant Hill, CA 94523
Phone: 925-602-4710 ext. 24, Fax: 925-602-4720
Cell: 925-250-5256, bcampbell@eticeng.com

CC: Christa Marting; Erik Appel; jennifer.c sedlachek@exxonmobil com



Basemap Source: Morrow Surveying, 2006

SITE PLAN SHOWING PROPOSED GROUNDWATER AND SOIL VAPOR MONITORING WELLS
FORMER EXXON RS 7-4121
10605 FOOTHILL BOULEVARD
OAKLAND, CALIFORNIA

ETIC ENGINEERING

FIGURE: 7

DATE: 12/21/05

7-4121

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J. KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway, Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

November 8, 2006

Ms. Jennifer Sadlachek
ExxonMobil
4096 Piedmont Ave., #194
Oakland, CA 94611

Mr. Ken Phares
MacArthur Blvd. Associates
10700 MacArthur Blvd.
Oakland, CA 94605

Dear Ms Sadlachek and Mr. Phares:

Subject: Fuel Leak Case RO0002635, Exxon #7-4121, 10605 Foothill Blvd., Oakland, CA 94605

Alameda County Environmental Health staff has reviewed the case file for the subject site including the October 27, 2006 Additional Risk Assessment and Well Installation Work Plan Former Exxon Retail Site 7-4121 10605 Foothill Boulevard Oakland, California prepared by ETIC Engineering. This report proposes additional soil vapor sampling and monitoring well installation subsequent to the findings of your April and May 2006 investigation. We generally concur with the work plan, however, we have the following technical comments and request you submit the technical report requested below

TECHNICAL COMMENTS

1 Monitoring Well Installation- We request that an additional monitoring well be installed between SB2 and SB18. This area appears to be impacted from releases from the former USTs and can be used to monitor the effects of remediation and estimate potential impact to the neighboring residences. We believe that on-site remediation alternatives should be considered to reduce the residual groundwater petroleum source and look forward to your CAP to be included in your investigation report.

2 Soil Vapor Sampling- Five additional vapor wells are proposed near the west property boundary near adjacent residential buildings, where there is a lack of soil vapor data. Generally, the presence of shallow (<10' depth) soil contamination or permeable pathways are associated with soil vapor contamination, however, these conditions are not present at this site. Therefore, source of the elevated TPHg and benzene in soil vapor is currently unexplained. We look forward your Site Conceptual Model, which might explain these conditions. In the event that elevated soil vapor samples are detected in these vapor wells, a survey of the neighboring homes should be proposed to identify the presence of basements and type of construction of the building foundation

TECHNICAL REPORT REQUEST

Please submit the following technical reports to our office according to the following schedule:

- January 30, 2007- Soil Vapor and Monitoring Well Installation Report.

This report is being requested pursuant to California Health and Safety Code Section 25296.10. Title 23, CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) now request submission of reports in electronic form. The electronic copy is intended to replace the need for a paper copy and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). Please visit the State Water Resources Control Board, (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting) for more information on these requirements.

PERJURY STATEMENT

All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following.

"I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification

Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

If you have any questions, please contact me at (510) 567-6765.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: files, D Drogos
Ms. Sherris Prall, ETIC Engineering, 2285 Morello Ave., Pleasant Hill, CA 94523
11_8_06 10605 Foothill Blvd

7-4121

ALAMEDA COUNTY
HEALTH CARE SERVICES
AGENCY
DAVID J KEARS, Agency Director

ENVIRONMENTAL HEALTH SERVICES
ENVIRONMENTAL PROTECTION
1131 Harbor Bay Parkway Suite 250
Alameda, CA 94502-6577
(510) 567-6700
FAX (510) 337-9335

September 25, 2006

Ms. Jennifer Sadlachek
ExxonMobil
4096 Piedmont Ave , #194
Oakland, CA 94611

Mr. Ken Phares
MacArthur Blvd. Associates
10700 MacArthur Blvd.
Oakland, CA 94605

Dear Ms. Sadlachek and Mr Phares:

Subject: Fuel Leak Case RO0002635, Exxon #7-4121, 10605 Foothill Blvd., Oakland, CA 94605

Alameda County Environmental Health staff has received and reviewed the July 2006, Subsurface Investigation and Risk Assessment Report, prepared by ETIC Engineering. This report provides the results of soil, groundwater and soil vapor sampling collected at the site and also provides results of a conduit/receptor survey, well search and human health risk assessment. We have the following technical comments and request you submit the technical report requested below.

TECHNICAL COMMENTS

1. Well Search- Based upon the results of the well survey presented it appears that only one of the five wells identified would be down-gradient of this site. Because this well is approximately 1640 feet from the site, our office concurs that it is not likely being impacted by the release from this site.

2. Conduit/Receptor Survey- Based upon the information on the anticipated depth to electric and gas lines, storm and sanitary sewer lines and water lines and the general depth to groundwater at this site, these utilities would not be expected to be encountered by the fuel release.

3. Contaminant Source Characterization- Soil contamination appears to be limited to the immediate vicinity of the former UST pit and vary in depths from 10-20' bgs. Groundwater contamination appears more widespread. It is found within and down-gradient of the former tank pit and also near the former dispenser islands. The recent groundwater samples detected up to 60,600 ppb TPHg, 26,000 ppb TPHd, and 3240, 1400, 4690, 11,100 ppb, BTEX, respectively and represent a continual source of groundwater contamination. These results indicate an undefined plume, which has likely migrated off-site beneath adjacent properties. MTBE was reported in only the samples along the 106th Ave. property boundary indicating either an off-site source impacting the site or plume migration from the site. Given the absence of MTBE in soil and groundwater samples on-site, the site is not likely a source of this contaminant. Off-site plume delineation appears necessary before the site closure can be considered. In addition, on site well installation will be required to monitor current groundwater concentrations and measure the affect of on-site remediation. We believe that

on-site remediation alternatives should be considered to reduce the residual groundwater petroleum source, regardless of current or future soil vapor results. Please provide a work plan as requested below.

4. Soil Vapor Sampling- Results from soil vapor samples in the vicinity and down-gradient of the former UST pit indicate elevated TPHg in gas samples collected from 5.5-10' bgs. The risk assessment performed using these soil vapor results indicates a carcinogenic health risk of 1.8-3E-6 for commercial and residential exposure, respectively and a non-carcinogenic hazard index of 53 and 38 for residential and commercial exposure, respectively. Additional soil vapor sampling is recommended since vapor sampling occurred at varying depths and at some locations samples were not able to be collected. We are not against taking additional soil vapor samples, however, as stated, we recommend remedial alternatives be considered for the former UST pit, at a minimum, in addition to additional sampling.

TECHNICAL REPORT REQUEST

Please submit the following technical reports to our office according to the following schedule:

- October 30, 2006- Work plan for well installation, plume delineation, and feasibility study of remedial alternatives.

This report is being requested pursuant to California Health and Safety Code Section 25296.10. Title 23, CCR Sections 2652 through 2654, and 2721 through 2728 outline the responsibilities of a responsible party in response to an unauthorized release from petroleum UST system, and require your compliance with this request.

ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) now request submission of reports in electronic form. The electronic copy is intended to replace the need for a paper copy and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) Geotracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the Geotracker database over the Internet. Beginning July 1, 2005, electronic submittal of a complete copy of all reports is required in Geotracker (in PDF format). Please visit the State Water Resources Control Board, (http://www.swrcb.ca.gov/ust/cleanup/electronic_reporting) for more information on these requirements.

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All work plans, technical reports, or technical documents submitted to ACEH must be accompanied by a cover letter from the responsible party that states, at a minimum, the following:

"I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge." This letter must be signed by an officer or legally authorized representative of your company. Please include a cover letter satisfying these requirements with all future reports and technical documents submitted for this fuel leak case.

PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

The California Business and Professions Code (Sections 6735, 6835, and 7835.1) requires that work plans and technical or implementation reports containing geologic or engineering evaluations and/or judgments be performed under the direction of an appropriately registered or certified professional. For your submittal to be considered a valid technical report, you are to present site specific data, data interpretations, and recommendations prepared by an appropriately licensed professional and include the professional registration stamp, signature, and statement of professional certification. Please ensure all that all technical reports submitted for this fuel leak case meet this requirement.

UNDERGROUND STORAGE TANK CLEANUP FUND

Please note that delays in investigation, later reports, or enforcement actions may result in your becoming ineligible to receive grant money from the state's Underground Storage Tank Cleanup Fund (Senate Bill 2004) to reimburse you for the cost of cleanup.

If you have any questions, please contact me at (510) 567-6765.

Sincerely,

Barney M. Chan
Hazardous Materials Specialist

C: files, D. Drogos
√Ms. Sherris Prall, ETIC Engineering, 2285 Morello Ave., Pleasant Hill, CA 94523
9_25_06 10605 Foothill Blvd

Appendix B

Permits

Alameda County Public Works Agency - Water Resources Well Permit

399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 01/11/2007 By jamesy

Permit Numbers: W2007-0024 to W2007-0029
Permits Valid from 01/22/2007 to 01/26/2007

Application Id: 1168387055969
City of Project Site: Oakland
Site Location: 10605 Foothill Blvd , Oakland, CA
(former Exxon RS 7-4121)
Project Start Date: 01/22/2007
Completion Date: 01/26/2007

Applicant: ETIC Engineering Inc. - Bryan Campbell
2285 Morello Avenue, Pleasant Hill, CA 94523
Phone: 925-602-4710

Property Owner: Ken Phares c/o MacArthur Blvd. Assn.
10700 MacArthur Blvd., Oakland, CA 94605
Phone: 510-522-0450

Client: ** same as Property Owner **

Total Due: $1700.00
Receipt Number: WR2007-0013 **Total Amount Paid:** $1700.00
Payer Name : ETIC Paid By: CHECK **PAID IN FULL**

Works Requesting Permits:

Well Construction-Monitoring-Monitoring - 5 Wells
Driller: Cascade Drilling - Lic #: 717510 - Method: other

Work Total: $1500.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2007-0024	01/11/2007	04/22/2007	MW1	8.00 in	2.00 in	6.00 ft	30.00 ft
W2007-0025	01/11/2007	04/22/2007	MW2	8.00 in	2.00 in	6.00 ft	30.00 ft
W2007-0026	01/11/2007	04/22/2007	MW3	8.00 in	2.00 in	6.00 ft	30.00 ft
W2007-0027	01/11/2007	04/22/2007	MW4	8.00 in	2.00 in	6.00 ft	30.00 ft
W2007-0028	01/11/2007	04/22/2007	MW5	8.00 in	2.00 in	6.00 ft	30.00 ft

Specific Work Permit Conditions

1. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

2. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.

3 Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities

or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

4. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.

5. Wells shall have a Christy box or similar structure with a locking cap or cover. Well(s) shall be kept locked at all times. Well(s) that become damaged by traffic or construction shall be repaired in a timely manner or destroyed immediately (through permit process). No well(s) shall be left in a manner to act as a conduit at any time.

6. Minimum surface seal thickness is two inches of cement grout placed by tremie

7. Minimum seal (Neat Cement seal) depth for monitoring wells is 5 feet below ground surface(BGS) or the maximum depth practicable or 20 feet.

8. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

9. Applicant shall contact James Yoo for an inspection time at 510-670-6633 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

Remedian Well Construction-Extraction - 5 Wells
Driller: Cascade Drilling - Lic #: 717510 - Method: other

Work Total: $200.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2007-0029	01/11/2007	04/22/2007	VW1	4.00 in.	0.25 in.	4.00 ft	7.00 ft
W2007-0029	01/11/2007	04/22/2007	VW2	4.00 in.	0.25 in.	4.00 ft	7.00 ft
W2007-0029	01/11/2007	04/22/2007	VW3	4.00 in.	0.25 in.	4.00 ft	7.00 ft
W2007-0029	01/11/2007	04/22/2007	VW4	4.00 in.	0.25 in.	4.00 ft	7.00 ft
W2007-0029	01/11/2007	04/22/2007	VW5	4.00 in.	0.25 in.	4.00 ft	7.00 ft

Specific Work Permit Conditions

1. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.

2. Permitte, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or

waterways or be allowed to move off the property where work is being completed.

3. Compliance with the well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate State reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 60 days. Including permit number and site map.

4. Minimum seal depth (Neat Cement Seal) is 2 feet below ground surface (BGS).

5. Minimum surface seal thickness is two inches of cement grout placed by tremie

6. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of $500.00.

7. Applicant shall contact James Yoo for an inspection time at 510-670-6633 at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

PROGRAMS AND SERVICES

Well Standards Program

The Alameda County Public Works Agency, Water Resources is located at:
399 Elmhurst Street
Hayward, CA 94544
For Driving Directions or General Info, Please Contact 510-670-5480 or wells@acpwa.org
For Drilling Permit information and process contact James Yoo at
Phone: 510-670-6633
FAX: 510-782-1939
Email: Jamesy@acpwa.org

Alameda County Public Works is the administering agency of General Ordinance Code, Chapter 6 88 . The purpose of this chapter is to provide for the regulation of groundwater wells and exploratory holes as required by California Water Code. The provisions of these laws are administered and enforced by Alameda County Public Works Agency through its Well Standards Program.

Drilling Permit Jurisdictions in Alameda County: There are four jurisdictions in Alameda County

Location: Agency with Jurisdiction Contact Number

Berkeley City of Berkeley Ph: 510-981-7460
Fax: 510-540-5672

Fremont, Newark, Union City Alameda County Water District Ph: 510-668-4460
Fax: 510-651-1760

Pleasanton, Dublin, Livermore, Sunol Zone 7 Water Agency Ph: 925-454-5000
Fax: 510-454-5728

The Alameda County Public Works Agency, Water Resources has the responsibility and authority to issue drilling permits and to enforce the County Water Well Ordinance 73-68. This jurisdiction covers the western Alameda County area of **Oakland, Alameda,Piedmont, Emeryville, Albany, San Leandro, San Lorenzo, Castro Valley**, and **Hayward** . The purpose of the drilling permits are to ensure that any new well or the destruction of wells, including geotechnical investigations and environmental sampling within the above jurisdiction and within Alameda County will not cause pollution or contamination of ground water or otherwise jeopardize the health, safety or welfare of the people of Alameda County

Permits are required for all work pertaining to wells and exploratory holes at any depth within the jurisdiction of the Well Standards Program. A completed permit application *(30 Kb)** , along with a site map, should be submitted at least **ten (10) working days prior to the planned start of work**. Submittals should be sent to the address or fax number provided on the application form. When submitting an application via fax, please use a high resolution scan to retain legibility.

Fees
Beginning April 11, 2005 , the following fees shall apply:

A permit to construct, rehabilitate, or destroy wells, including cathodic protection wells, but excluding dewatering wells (*Horizontal hillside dewatering and dewatering for construction period only), shall cost $300.00 per well

A permit to bore exploratory holes, including temporary test wells, shall cost $200 per site. A site includes the project parcel as well as any adjoining parcels.

Please make checks payable to: **Treasurer, County of Alameda**

Permit Fees are exempt to State & Federal Projects
Applicants shall submit a letter from the agency requesting the fee exemption.

Scheduling Work/Inspections:
Alameda County Public Works Agency (ACPWA), Water Resources Section requires scheduling and inspection of permitted work. All drilling activities must be scheduled in advance. Availability of inspections will vary from week to week and will come on a first come, first served bases. To ensure inspection availability on your desired or driller scheduled date. the following procedures are required:

Please contact **James Yoo at 510-670-6633** to schedule the inspection date and time (You must have drilling permit approved prior to scheduling)

Schedule the work as far in advance as possible (at least 5 days in advance); and confirm the scheduled drilling date(s) at least 24 hours prior to drilling.

Once the work has been scheduled, an ACPWA Inspector will coordinate the inspection requirements as well as how the Inspector can be reached if they are not at the site when Inspection is required. Expect for special circumstances given, all work will require the inspection to be conducted during the working hours of 8:30am to 2:30pm., Monday to Friday, excluding holidays.

Request for Permit Extension:
Permits are only valid from the start date to the completion date as stated on the drilling permit application and Conditions of Approval. To request an extension of a drilling permit application, applicants must request in writing prior to the completion date as set forth in the Conditions of Approval of the drilling permit application. Please send fax or email to Water Resources Section, Fax 510-782-1939 or email at wells@acpwa org. There are no additional fees for permit extensions or for re-scheduling inspection dates. You may not extend your drilling permit dates beyond 90 days from the approval date of the permit application. **NO refunds** shall be given back after 90 days and the permit shall be deemed voided

Cancel a Drilling Permit:
Applicants may cancel a drilling permit only in writing by mail, fax or email to Water Resources Section, Fax 510-782-1939 or email at wells@acpwa org. If you do not cancel your drilling permit application before the drilling completion date or notify in writing within 90 days, Alameda County Public Works Agency, Water Resources Section may void the permit and No refunds may be given back.

Refunds/Service Charge:
A service charge of $25 00 dollars for the first check returned and $35.00 dollars for each subsequent check returned.

Applicants who cancel a drilling permit application **before** we issue the approved permit(s), will receive a **FULL** refund (at any amount) and will be mailed back within two weeks.

Applicants who cancel a drilling permit application **after** a permit has been issued will then be charged a service fee of $50 00 (fifty Dollars)

To collect the remaining funds will be determined by the amount of the refund to be refunded (see process below)

Board of Supervisors Minute Order, File No. 9763, dated January 9, 1996, gives blanket authority to the Auditor-Controller to process claims, from all County departments for the refund of fees which do not exceed $500 (Five Hundred Dollars)(with the exception of the County Clerk whose limit is $1,500)

Refunds over the amounts must be authorized by the Board of Supervisors Minute Order. File No. 9763 require specific approval by the Board of Supervisors. The forms to request for refunds under $500.00 (Five Hundred Dollars) are available at this office or any County Offices. If the amount is exceeded, a Board letter and Minute Order must accompany the claim. Applicant shall fill out the request form and the County Fiscal department will process the request.

Enforcement
Penalty. Any person who does any work for which a permit is required by this chapter and who fails to obtain a permit shall be guilty of a misdemeanor punishable by fine not exceeding Five Hundred Dollars ($500.00) or by imprisonment not exceeding six months. or by both such fine and imprisonment, and such person shall be deemed guilty of a separate offense for each and every day or portion thereof during which any such

violation is committed, continued, or permitted, and shall be subject to the same punishment as for the original offense. (Prior gen. code §3-160 6)

Enforcement actions will be determined by this office on a case-by-case basis
Drilling without a permit shall be the cost of the permit(s) and a fine of $500.00 (Five Hundred Dollars)

Well Completion Reports (State DWR-188 forms) must be filed with the Well Standards Program within 60 days of completing work. Staff will review the report, assign a state well number, and then forward it to the California Department of Water Resources (DWR). Drillers should not send completed reports to DWR directly. Failure to file a Well Completion Report or deliberate falsification of the information is a misdemeanor; it is also grounds for disciplinary action by the Contractors' State License Board. Also note that filed Well Completion Reports are considered private record protected by state law and can only be released to the well owner or those specifically authorized by government agencies.

See our website (www.acgov.org/pwa/wells/index.shtml) for links to additional forms.

Appendix C

Field Protocols

PROTOCOLS FOR WELL DRILLING, COMPLETION, AND DEVELOPMENT

SUBSURFACE CLEARANCE SURVEY PROCEDURES

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

Once USA has marked the site, all proposed borehole locations will be investigated by subsurface clearance surveys to identify 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 the target object and potential interference from surrounding features.

Prior to drilling, all boreholes will be cleared of underground utilities to a depth of at least 4 feet below ground surface (bgs) in "non-critical zones" and to 8 feet bgs in "critical zones." Critical zones are defined as locations that are within 10 feet from the furthest edge of any underground storage tank (UST), within 10 feet of the product dispenser islands, the entire area between the UST field and the product dispenser islands, and within 10 feet of any suspected underground line. An 8- to 12-inch-diameter circle will be cut in the surface cover at each boring location. A hole, greater than the diameter of the drilling tool being used, will then be cleared at each boring location, using a hand auger or vacuum excavation system. The vacuum system consists of an air or water lance, used to disturb native soil by injecting water into the soil, and a vacuum, used to remove the soil.

DRILLING

Boreholes are drilled with a truck-mounted rotary drill, using hollow-stem continuous-flight augers. The diameter of the augers is selected to provide an annular space between the boring wall and the well casing of no less than 2 inches.

All augers are pressure-washed or steam-cleaned before drilling begins and before each new borehole is drilled. All drill cuttings are either placed on and covered with plastic sheeting or contained in sealed 55-gallon drums. All fluids generated during cleaning of drilling equipment are contained in sealed 55-gallon drums. All waste generated during drilling activities is stored onsite until appropriate disposal is arranged. The drums are labeled with the site description (including owner's name) and date. The drill cuttings are disposed of at a proper facility based on results of soil sample analysis.

During drilling, an ETIC geologist generates a soil boring log for each borehole. The boring logs contain detailed geological information, including descriptions of the soils classified according to the Unified Soil Classification System (USCS), blow counts for soil sampling intervals, organic vapor analyzer (OVA) readings, relative moisture content of the soils, and initial and static water levels.

SOIL SAMPLING

Soil samples are collected using a 2-inch-diameter by 18- or 24-inch-long modified California split-spoon sampler containing three or four 6-inch-long brass or stainless steel liners. The sampler and liners are scrubbed in potable water and Alconox or equivalent detergent and rinsed with potable water after use at each sampling interval.

At each sample depth, the sampler is driven 18 or 24 inches ahead of the augers into undisturbed soil. When the sampler is retrieved, either the lowermost or the middle sample liner is removed and the ends of the tube are covered with aluminum foil or Teflon tape and sealed with plastic caps. The soil-filled liner is labeled with the borehole number, sample depth, site location, date, and time. The samples are placed in zip-lock bags and stored in a cooler containing ice.

Soil from one of the liners is removed and placed in a sealed plastic bag. The soil is scanned with an OVA equipped with a flame ionization detector (FID) or photoionization detector (PID), and the readings are noted on the soil boring logs. The soil from the remaining liner(s) is examined and classified according to the Unified Soil Classification System.

Soil samples are delivered, under chain of custody, to a laboratory certified by the California Department of Health Services (DHS) for analyses.

WELL INSTALLATION

The boreholes are completed as groundwater monitoring wells, vapor extraction wells, groundwater extraction wells, or air sparging wells. The wells are typically constructed by installing Schedule 40 PVC flush-threaded casing through the inner opening of the auger. The screened interval consists of slotted casing of the appropriate slot size and length placed at depths depending on soil conditions encountered during drilling and the depth to groundwater. A threaded end plug or a slip cap secured with a stainless steel screw is placed on the bottom of the well.

A filter pack of clean sand of appropriate size is placed in the annular space around the well screen to approximately 1 to 3 feet above the top of the screen. The sand is placed through the inner opening of the augers as they are slowly removed. A transitional seal is completed above the sand pack by adding 1 to 2 feet of bentonite pellets and hydrating them with water. A surface seal is then created by placing neat cement grout containing less than 5 percent bentonite from the top of the bentonite seal to just below the ground surface.

The well is finished at the surface with a slightly raised, traffic-rated, watertight steel traffic box set in concrete. The traffic box is secured with bolts and the casing is further secured with a locking well cap.

WELL DEVELOPMENT

The wells are developed no less than 72 hours after completion or prior to establishing the bentonite seal during the drilling activities. Development typically consists of surging the screened interval of the well with a flapper valve surge block of the same diameter as the well for approximately 10 minutes. The well is then purged with a vacuum truck and a dedicated PVC stinger or disposable

tubing, an inertial pump, a submersible electric pump, a centrifugal pump, an air-lift pump, or a PVC bailer until at least 3 casing volumes are removed and the water is free of silt and apparent turbidity.

A record of the purging methods and volumes of water purged is maintained. All purge water is contained on the site in properly labeled 55-gallon drums. Purged water is transported to an appropriate treatment facility.

WELL SURVEY

The elevation of the top of the well casing is surveyed by a state licensed land surveyor. A small notch is cut in the top of the well casing to mark the survey point and establish the point used for all future water level measurements. A loop originating and ending at the datum is closed to ±0.01 feet according to standard methods.

PROTOCOLS FOR INSTALLATION AND SAMPLING OF SOIL VAPOR WELLS

SUBSURFACE CLEARANCE SURVEY PROCEDURES

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

Once USA has marked the site, all proposed borehole locations will be investigated by subsurface clearance surveys to identify 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 the target object and potential interference from surrounding features.

Prior to drilling, all boreholes will be cleared of underground utilities to a depth of at least 4 feet below ground surface (bgs) in "non-critical zones" and to 8 feet bgs in "critical zones". Critical zones are defined as locations that are within 10 feet from the furthest edge of any underground storage tank (UST), within 10 feet of the product dispenser islands, the entire area between the UST field and the product dispenser islands, and within 10 feet of any suspected underground line. An 8- to 12-inch-diameter circle will be cut in the surface cover at each boring location. A hole will then be cleared at each boring location using a hand auger.

SOIL SAMPLING

Shallow soil samples are collected using a 6-inch sample barrel connected to a slide hammer and containing a 6-inch stainless steel sample sleeve. After driving the hammer 6 inches, the rods and sample barrel are withdrawn from the borehole and the sample sleeve is removed.

Soil from the hand auger is removed and placed in a sealed plastic bag. The soil is scanned with an organic vapor analyzer (OVA) equipped with a flame ionization detector (FID) or photoionization detector (PID), and the readings are noted on the soil boring logs. The remaining soil from the hand auger is examined and classified according to the Unified Soil Classification System (USCS).

Soil samples are delivered, under chain of custody, to a laboratory certified by the California Department of Health Services (DHS) for analyses.

SOIL VAPOR WELL INSTALLATION PROCEDURES

The vapor wells are constructed with 0.25-inch-diameter stainless steel tubing connected to 0.4-inch-diameter vapor sampling implant with a 0.0057-inch slot stainless steel screen and bottom implant anchor. All connections are sealed with Swagelok® type fittings. A filter pack of #2/12 sand is placed at the screened interval and above and below the slotted PVC casing for each well. The wells are then sealed with hydrated bentonite chips or granules, followed by neat cement grout to just

below ground surface. The tubing is sealed at the surface with a stainless steel Swagelok® valve and stainless steel cap.

The wells are finished at the surface with a slightly raised, watertight steel traffic-rated box set in concrete. The lid on the traffic-rated box is bolted to the rim of the well box.

SOIL VAPOR SAMPLING PROCEDURES

To allow for subsurface conditions to equilibrate, the wells are not disturbed for a period of at least 48 hours.

A vacuum tightness test is performed on each well. The test consists of the application of vacuum and monitoring of vacuum tightness using vacuum gauges and/or flow meter for 5 to 10 minutes.

A purge test will be conducted for one well. The selected well should be the one with the highest expected concentrations. The test consists of the collection of vapor samples using Tedlar bags after purging the well of one (1), three (3), and seven (7) purge volumes by drawing vapor using a syringe connected to a valve on the tubing or a vacuum pump. The purge volume is estimated based on the internal volume of the tubing used and the annular space around the slotted screen. The samples are collected through a particulate filter and flow controller which regulates the flow of soil gas to no more than 200 milliliters per minute. The results of the purge test are used to dictate the purge volume to be used during the sampling of subsequent wells.

The vapor samples are collected in 1-liter stainless steel Summa canisters. The samples are collected through a particulate filter and flow controller which regulates the flow of soil gas to no more than 200 milliliters per minute. To ensure air-tight connections between the tubing, sampling port, valves, and other connections, a tracer compound is applied to joints as a tracer. A leak will be evident if the tracer is detected in the analysis of the soil vapor samples.

The 1-liter Summa canisters are labeled and packaged for delivery to a state-certified laboratory for chemical analysis. The initial pressure and the final pressure readings taken from the gauges on the Summa canisters are recorded. A small vacuum of about 5 inches of mercury is left inside the sample canister and is recorded on the chain-of-custody. Upon receipt, the laboratory will check the pressure in the sample canister and compare it to the pressure recorded on the chain-of-custody for quality control purposes.

PROTOCOLS FOR QUARTERLY GROUNDWATER MONITORING

GROUNDWATER GAUGING

Wells are opened prior to gauging to allow the groundwater level in the wells to equilibrate with atmospheric pressure. The depth to groundwater and depth to liquid-phase hydrocarbons, if present, are then measured to the nearest 0.01 feet using an electronic water level meter or optical interface probe. The measurements are made from a permanent reference point at the top of the well casing. If less than 1 foot of water is measured in a well, the water is bailed from the well and, if the well does not recover, the well is considered "functionally dry." Wells with a sheen or measurable liquid-phase hydrocarbons are generally not purged or sampled.

WELL PURGING

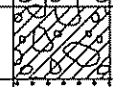
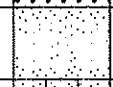
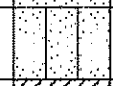
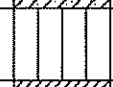
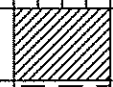
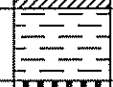
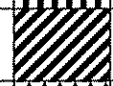
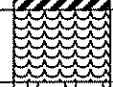
After the wells are gauged, each well is purged of approximately 3 well casing volumes of water to provide representative groundwater samples for analysis. Field parameters of pH, temperature, and electrical conductance are measured during purging to ensure that these parameters have stabilized before groundwater in a well is sampled. Groundwater in each well is purged using an inertial pump (WaTerra), an electric submersible pump, or a bailer. After the well is purged, the water level is checked to ensure that the well has recharged to at least 80 percent of its original water level.

GROUNDWATER SAMPLING

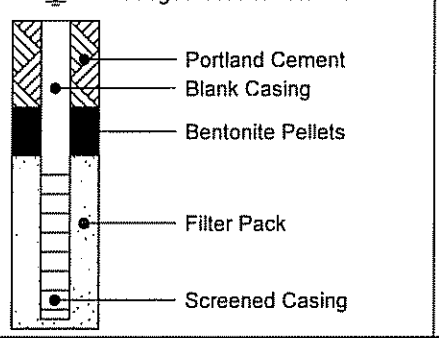
After purging, groundwater in each well is sampled using dedicated tubing and an inertial pump (WaTerra) or a factory-cleaned disposable bailer. Samples from extraction wells are typically collected from sample ports associated with the groundwater remediation system. Samples collected for volatile organic analysis are placed in Teflon septum-sealed 40-milliliter glass vials. Samples collected for diesel analysis are placed in 1-liter amber glass bottles. Each sample bottle is labeled with the site name, well number, date, sampler's initials, and preservative. The samples are placed in a cooler with ice for delivery to a state-certified laboratory. The information for each sample is entered on a chain-of-custody form prior to transport to the laboratory.

Appendix D

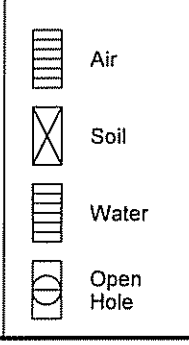
Boring Logs

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

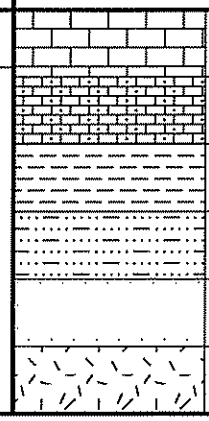
SYMBOLS



Samples



DRILL LOG ROCK TYPES



ETIC ENGINEERING

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

ETIC ENGINEERING

LOG OF SOIL BORING: **MW1**

COORDINATES: N2097737.2 :E6084704
ELEVATION TOP OF CASING: 82 47
CASING BELOW SURFACE:

DRILLING COMPANY: Cascade
LICENSE NUMBER: C57-717510

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-4121	10605 Foothill Blvd Oakland, California

DRILLING AND SAMPLING METHODS: Cleared using an air-knife and vacuum rig to 5 feet bgs. Advanced using a limited access auger rig with 8-inch diameter augers Sampled with an 18-inch long split spoon modified California sampler

				START	FINISH
WATER LEVEL	▽ 21	▼ 16.55			
TIME	0910	1315		TIME 0820	TIME 1050
DATE	1/23/07	1/24/07		DATE 1/23/07	DATE 1/23/07
REFERENCE	GS	GS			

SURFACE CONDITIONS: Top soil/Grass

DESCRIPTION BY: E. Appel

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG
				0	CL
				1	
				2	
				3	
				4	
18	6	7		5	
		13			
		23	0.9	6	
				7	
18	15	14			
		21		8	
		40	1.3		
18	18	8		9	ML
		28		10	
		33	0.5		
				11	
18	6	4			
		21		12	

SILTY CLAY - dark olive brown (2.5Y 4/4), stiff, low to moderate plasticity, slightly moist

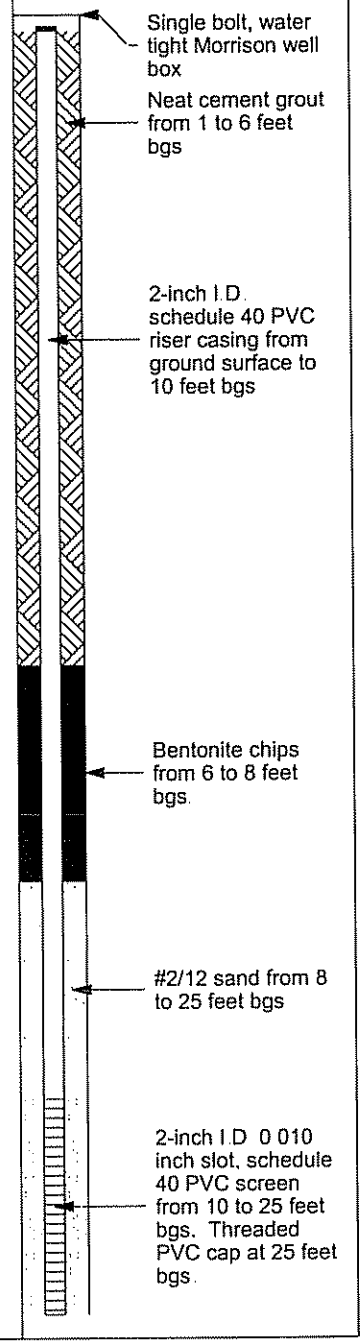
- becoming yellowish-brown (10YR 3/3)

- very stiff to hard

- very hard

CLAYEY SILT - yellowish-brown (10YR 3/3), very hard, low plasticity, slightly moist

DETAILS



LOG OF SOIL BORING 7-4121 LOGS.GPJ ETIC.GDT 3/29/07

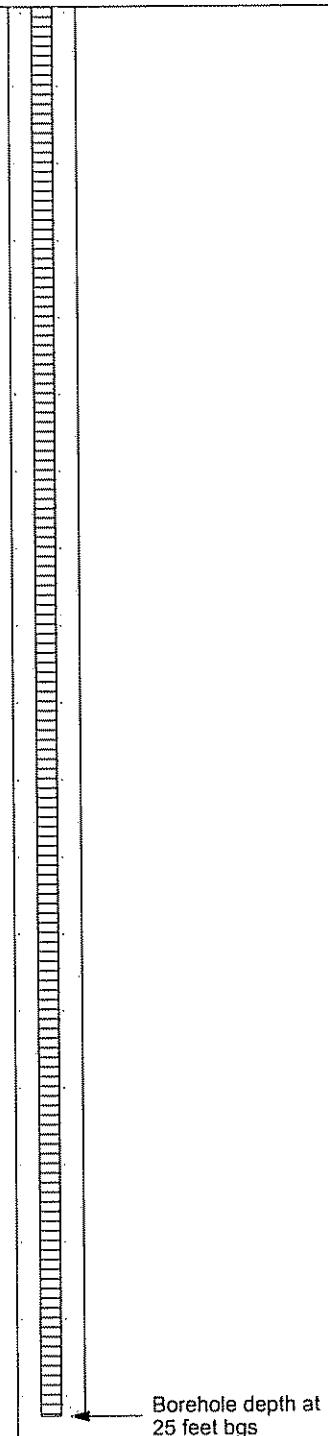
ETIC ENGINEERING

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-4121	10605 Foothill Blvd Oakland, California

LOG OF SOIL BORING: MW1

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
		40	0.3			
18	18	8 25		13	ML	- moist
		26	2.1	14		**SILTY SAND** - olive (5Y 4/3), to olive gray (5Y 4/2), medium dense, fine grained, very moist.
18	15	6 8		15		
		11		16	SM	
18	12	11 10		17		
		10	0.6	18		**POORLY GRADED SAND** - olive gray (5Y 4/2), dense, fine to medium grained, wet.
18	18	7 16		19		
		21	24	20		
18	6	9 24		21	SP	- medium to coarse grained
		27	134	22		
18	0	13 18		23		
		26		24		
				25		Boring terminated at 25 feet bgs.
				26		
				27		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE RECOVERED



LOG OF SOIL BORING 7-4121 LOGS.GPJ ETIC.GDT 3/29/07

ETIC ENGINEERING

LOG OF SOIL BORING: **MW2**

COORDINATES: N2067726.8 :E6084748.5
ELEVATION TOP OF CASING: 84.40
CASING BELOW SURFACE:

DRILLING COMPANY: Cascade
LICENSE NUMBER: C57-717510

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-4121	10605 Foothill Blvd Oakland, California

DRILLING AND SAMPLING METHODS: Cleared using an air-knife and vacuum rig to 5 feet bgs Advanced using a limited access auger rig with 8-inch diameter augers Sampled with an 18-inch long split spoon modified California sampler

				START	FINISH
WATER LEVEL	▽ 15	▼ 18.3			
TIME	1125	1320		TIME 1055	TIME 1230
DATE	1/23/07	1/24/07		DATE 1/23/07	DATE 1/23/07
REFERENCE	GS	GS			

SURFACE CONDITIONS: Top soil/Grass

DESCRIPTION BY: E. Appel

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG
				0	
				1	
				2	
				3	
				4	
18	9	5		5	CL
		9			
		14	0.0	6	
18	10	12		7	
		24			
		39	0.3	8	
18	12	8		9	
		17			
		26	0.0	10	
18	12	13		11	ML
		18			
				12	

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

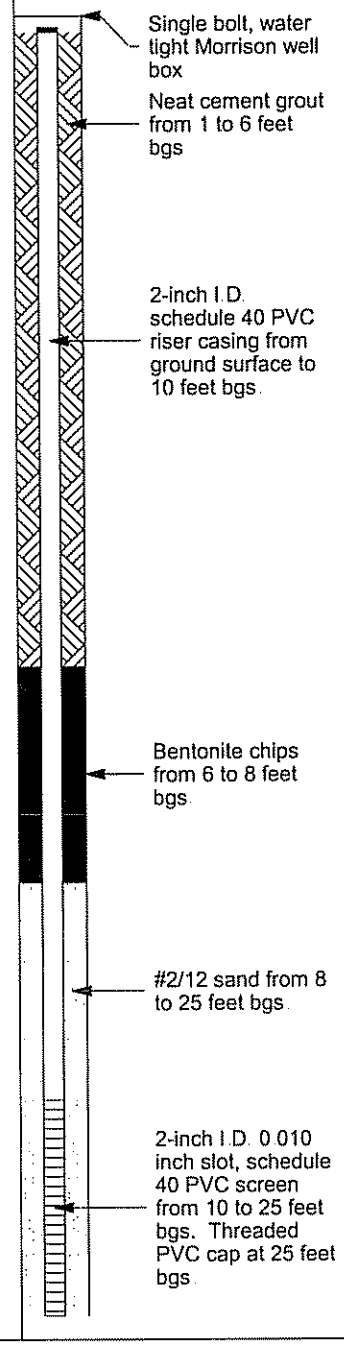
SILTY CLAY - dark grayish brown (10YR 4/2), stiff, medium plasticity, slightly moist

- yellowish brown (10YR 3/3), very stiff

- hard, some caliche stringers

CLAYEY SILT - yellowish brown (10YR 3/3), hard. low plasticity. slightly moist to moist

DETAILS



LOG OF SOIL BORING 7-4121 LOGS.GPJ ETIC.GDT 3/29/07

ETIC ENGINEERING

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-4121	10605 Foothill Blvd Oakland, California

LOG OF SOIL BORING:

MW2

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
		24	0.3	13	ML	
18	9	7 19		14		
		28	0.2			
				15	SP	**POORLY GRADED SAND** - olive gray (5Y 4/4), medium dense, fine grained, wet.
18	18	12 19				**CLAYEY SILT** - yellowish brown (10YR 3/3), hard, low plasticity, wet.
		27	1.3	16	ML	
18	12	6 11		17		
		20	1.5	18		**SILTY SAND** - olive gray (5Y 4/4), medium dense, fine grained, wet.
18	15	16 20		19	SM	
		21		20		
18	12	7 13		21		**SAND WITH SILT** - olive gray (5Y 4/4), medium dense, fine to medium grained with some lenses of coarse grained, wet.
		17	17.2	22		
18	14	8 16		23	SP	- diminishing silt, dense to medium dense
		19	155.3	24		
18	18	5 16		25		
		25	1,498	26		- dense
				27		Boring terminated at 26.5 feet bgs.

Borehole depth at 26.5 feet bgs

LOG OF SOIL BORING 7-4121 LOGS.GPJ ETIC.GDT 3/29/07

ETIC ENGINEERING

LOG OF SOIL BORING: **MW3**

COORDINATES: N2097634.7 :E6084733.1
ELEVATION TOP OF CASING: 83.25
CASING BELOW SURFACE:

DRILLING COMPANY: Cascade
LICENSE NUMBER: C57-717510

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-4121	10605 Foothill Blvd Oakland, California

DRILLING AND SAMPLING METHODS: Cleared using an air-knife and vacuum rig to 5 feet bgs Advanced using a limited access auger rig with 8-inch diameter augers Sampled with an 18-inch long split spoon modified California sampler

				START	FINISH
WATER LEVEL	▽ 20.5	▼ 16.9			
TIME	0935	1325		TIME 0825	TIME 1030
DATE	1/24/07	1/24/07		DATE 1/24/07	DATE 1/24/07
REFERENCE	GS	GS			

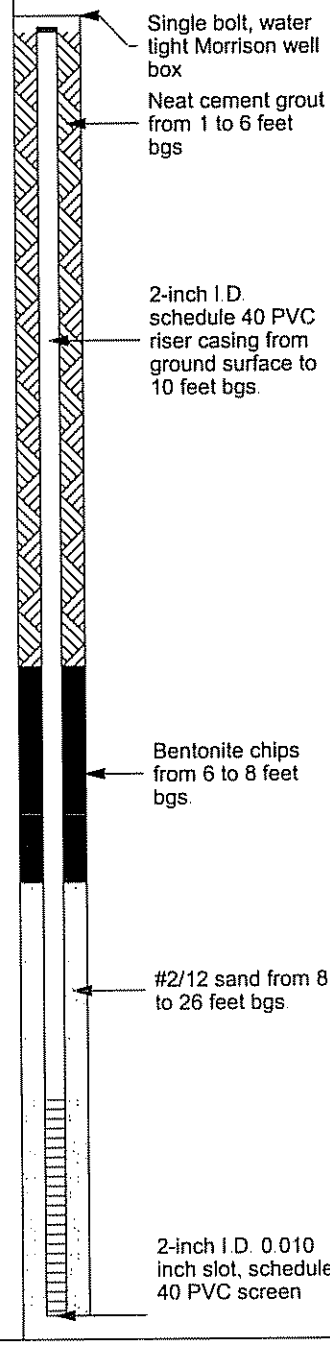
SURFACE CONDITIONS: Top soil/Grass

DESCRIPTION BY: E. Appel

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0		**SILTY CLAY** - very dark gray (10YR 3/1), medium stiff, moderate plasticity, slightly moist to moist
				1		
				2		
				3		
				4		
				5	CL	
18	18	3 9		6		- very stiff
		12	0.0			
18	18	4 9		7		
		14	0.0	8		- dark yellowish brown (10YR 3/4)
18	14	10 20		9		
		32	0.3	10		**CLAYEY SILT** - dark yellowish brown (10YR 4/6), hard, low plasticity, trace of fine grained sand. moist
18	18	8 12		11	ML	
				12		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

DETAILS



LOG OF SOIL BORING 7-4121 LOGS.GPJ ETIC.GDT 3/29/07

ETIC ENGINEERING

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-4121	10605 Foothill Blvd Oakland, California

LOG OF SOIL BORING:

MW3

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
		26	0.2			- less clay, more sand
18	15	7 19		13	ML	
		27	0.0	14		- less sand, more clay
18	18	5 14		15		**SANDY SILT WITH CLAY** - dark yellowish brown (10YR 4/6), very stiff, low plasticity, moist
		29	0.7	16		
18	13	11 19		17	ML	
		27	0.4	18		- very moist
18	15	6 13		19		**SILT WITH CLAY** - dark yellowish brown (10YR 4/6), very stiff, low plasticity, moist
		22	0.1	20	ML	
18	14	7 16		21		**SANDY SILT** - dark yellowish brown (10YR 4/6), very stiff to hard, low plasticity, fine grained sand, very moist.
		20	1.5	22	ML	
18	17	10 12		23		**SILTY SAND** - dark yellowish brown (10YR 4/6), dense to medium dense, fine grained, moist to very moist.
		23	0.4	24		
18	18	9 16		25	SM	
		21	0.2	26		Boring terminated at 26.5 feet bgs
				27		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

from 10 to 25 feet bgs. Threaded PVC cap at 25 feet bgs

Borehole depth at 26.55 feet bgs

LOG OF SOIL BORING 7-4121 LOGS.GPJ ETIC.GDT 3/29/07

ETIC ENGINEERING

LOG OF SOIL BORING: **MW5**

COORDINATES: N6084713.8 :E6084713.8
ELEVATION TOP OF CASING: 82.65
CASING BELOW SURFACE:

DRILLING COMPANY: Cascade
LICENSE NUMBER: C57-717510

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-4121	10605 Foothill Blvd Oakland, California

DRILLING AND SAMPLING METHODS: Cleared using an air-knife and vacuum rig to 5 feet bgs. Advanced using a limited access auger rig with 8-inch diameter augers. Sampled with an 18-inch long split spoon modified California sampler

				START	FINISH
WATER LEVEL	▽ 19	▼ 10			
TIME	1440	1310		TIME 1400	TIME 1530
DATE	1/23/07	1/24/07		DATE 1/23/07	DATE 1/23/07
REFERENCE	GS	GS			

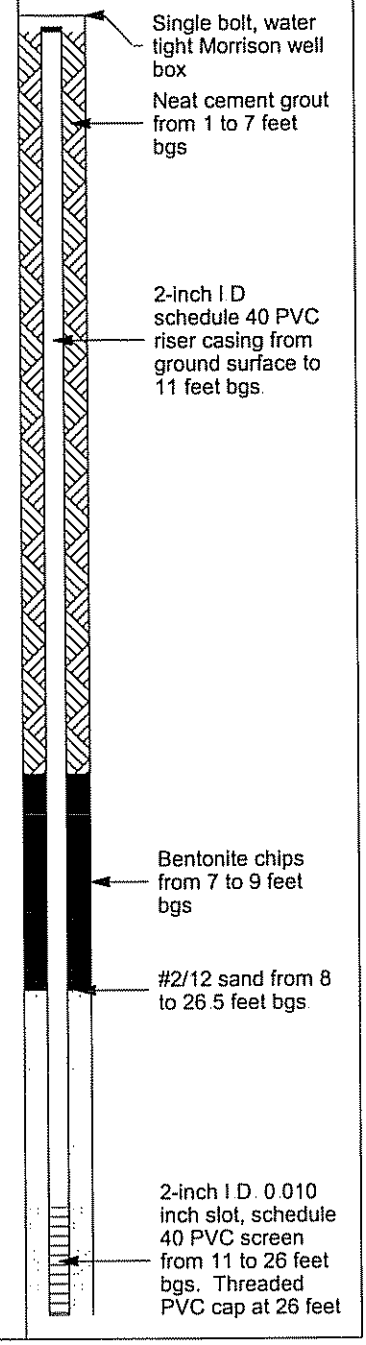
SURFACE CONDITIONS: Top soil/Grass

DESCRIPTION BY: E. Appel

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	CL	**SILTY CLAY** - dark grayish brown (10YR 4/2), stiff, moderate plasticity, slightly moist
				1		
				2		
				3		
				4		- yellowish brown (10YR 4/4)
18	12	4 12		5		
		21	4.6	6		- very stiff
18	13	4 19		7		- hard, some fine grained sand
		26	0.0	8		
18	12	10 20		9		
		29	0.5	10 ▼		
18	6	12 19		11	ML	**CLAYEY SILT** - yellowish brown (10YR 4/4), hard, low plasticity, slightly moist.
				12		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

DETAILS



LOG OF SOIL BORING 7-4121 LOGS.GPJ ETIC.GDT 3/29/07

ETIC ENGINEERING

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-4121	10605 Foothill Blvd Oakland, California

LOG OF SOIL BORING:

MW5

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	
		30	0.0		ML	
18	18	6		13	CL	**SILTY CLAY** - yellowish brown (10YR 4/6). hard, low plasticity, moist.
		16				
		30	2.4	14	ML	**SANDY SILT** - olive gray (5Y 4/4), hard. low plasticity, fine grained sand, moist.
18	9	7		15		
		18				
		24	0.3	16	ML	**CLAYEY SILT** - olive gray (5Y 4/4), hard, low plasticity, moist.
18	15	10		17		
		17				**SILTY SAND** - dark olive gray (5Y 3/2), dense, fine grained, very moist.
		29	15.9	18	SM	
				19 ▽		- wet
18	18	13				
		22		20		**POORLY GRADED SAND** - dark olive gray (5Y 3/2), dense, fine grained, wet.
		31	121.1			
18	18	8		21		- medium and coarse grained
		14				
		23	3.0	22		- medium dense, fine grained with medium grains
18	18	6		23	SP	
		10				- medium grained with some fine and coarse grains
		19	8.7	24		
18	18	16		25		
		18				- dense
		23	3.0	26		Boring terminated at 26.5 feet bgs.
				27		

bgs.

Borehole depth at 26 feet bgs

LOG OF SOIL BORING 7-4121 LOGS.GPJ ETIC.GDT 3/29/07

ETIC ENGINEERING

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-4121	10605 Foothill Blvd Oakland, California

DRILLING AND SAMPLING METHODS: Borehole cleared to 6 feet bgs using a hand auger Sampled withslide hanmmer using 6-inch-long stainless-steel liners

LOG OF SOIL BORING: **VW1**

COORDINATES: N2097703.7 :E6084683.6
ELEVATION TOP OF CASING:
CASING BELOW SURFACE: -81.77

DRILLING COMPANY: Cascade
LICENSE NUMBER: C57-717510

				START	FINISH
WATER LEVEL					
TIME				TIME 1130	TIME 1245
DATE				DATE 1/22/07	DATE 1/22/07
REFERENCE					

SURFACE CONDITIONS: Top soil/Grass

DESCRIPTION BY: E. Appel

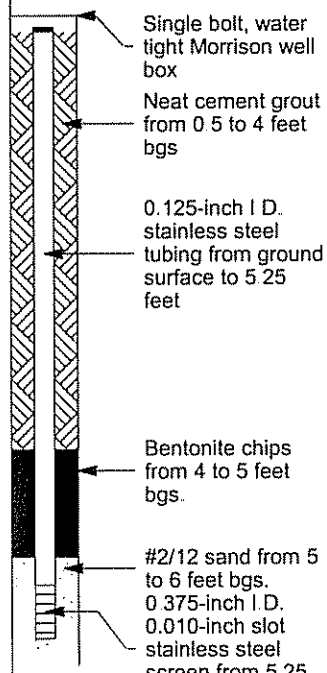
INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG
				0	CL
				1	
				2	
				3	
				4	
6	4			5	
6	4			6	
				7	
				8	
				9	
				10	
				11	
				12	

SILTY CLAY - dark olive brown (2.5Y 3/3). soft, low plasticity, slightly moist.

- becoming yellowish-brown (10YR 5/6), moist

Boring terminated at 6 feet bgs.

DETAILS



LOG OF SOIL BORING 7-4121 LOGS.GPJ ETIC.GDT 4/3/07

ETIC ENGINEERING

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-4121	10605 Foothill Blvd Oakland, California

DRILLING AND SAMPLING METHODS: Borehole cleared to 6 feet bgs using a hand auger Sampled withslide hanmmer using 6-inch-long stainless-steel liners

LOG OF SOIL BORING: **VW2**

COORDINATES: N2097691.3 :E6084692
ELEVATION TOP OF CASING:
CASING BELOW SURFACE: -81.98

DRILLING COMPANY: Cascade
LICENSE NUMBER: C57-717510

				START	FINISH
WATER LEVEL					
TIME				TIME 1155	TIME 1300
DATE					
REFERENCE				DATE 1/22/07	DATE 1/22/07

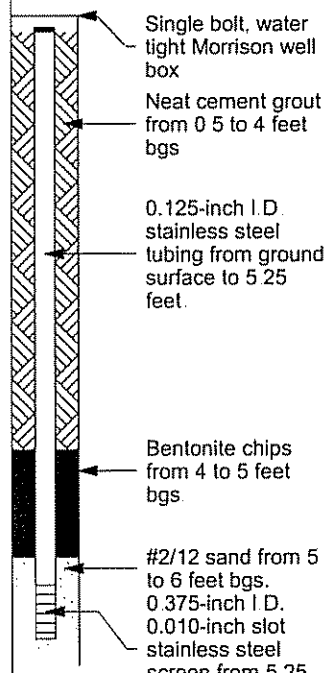
SURFACE CONDITIONS: Top soil/Grass

DESCRIPTION BY: E. Appel

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	CL	**SILTY CLAY** - dark olive brown (2 5Y 3/3), soft, low plasticity, slightly moist.
				1		
				2		
				3		
				4		- becoming yellowish-brown (10YR 5/6), moist
				5		
6	4					
6	4			6		Boring terminated at 6 feet bgs
				7		
				8		
				9		
				10		
				11		
				12		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

DETAILS



LOG OF SOIL BORING 7-4121 LOGS.GPJ ETIC.GDT 4/3/07

ETIC ENGINEERING

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-4121	10605 Foothill Blvd Oakland, California

DRILLING AND SAMPLING METHODS: Borehole cleared to 6 feet bgs using a hand auger Sampled withslide hanmmer using 6-inch-long stainless-steel liners.

LOG OF SOIL BORING: **VW3**

COORDINATES: N2097670.8 :E6084704.6
ELEVATION TOP OF CASING:
CASING BELOW SURFACE: -82.64

DRILLING COMPANY: Cascade
LICENSE NUMBER: C57-717510

				START	FINISH
WATER LEVEL					
TIME				TIME 1430	TIME 1510
DATE					
REFERENCE				DATE 1/22/07	DATE 1/22/07

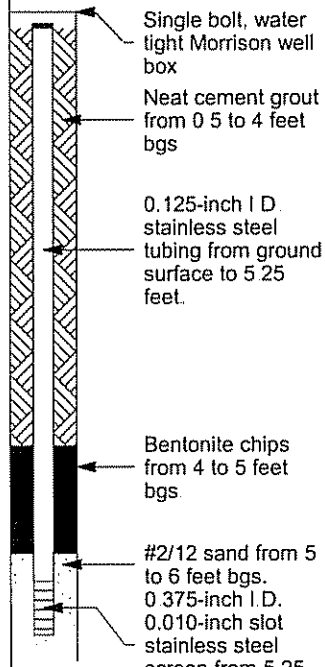
SURFACE CONDITIONS: Top soil/Grass

DESCRIPTION BY: E. Appel

INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	GRAPHIC LOG	DESCRIPTION
				0	CL	**SILTY CLAY** - dark olive brown (2.5Y 3/3), soft, low plasticity, slightly moist.
				1		
				2		
				3		
				4		
				5		- becoming yellowish-brown (10YR 5/6), moist
6	4					
6	4			6		Boring terminated at 6 feet bgs.
				7		
				8		
				9		
				10		
				11		
				12		

AIR SAMPLE | WATER SAMPLE | SOIL SAMPLE | RECOVERED

DETAILS



LOG OF SOIL BORING 7-4121 LOGS.GPJ ETIC.GDT 4/3/07

ETIC ENGINEERING

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-4121	10605 Foothill Blvd Oakland, California

DRILLING AND SAMPLING METHODS: Borehole cleared to 6 feet bgs using a hand auger Sampled withslide hanmmer using 6-inch-long stainless-steel liners

LOG OF SOIL BORING: **VW4**

COORDINATES: N2097648.1 :E6084721.3
ELEVATION TOP OF CASING:
CASING BELOW SURFACE: -83.13

DRILLING COMPANY: Cascade
LICENSE NUMBER: C57-717510

				START	FINISH
WATER LEVEL					
TIME				TIME 1445	TIME 1530
DATE				DATE 1/22/07	DATE 1/22/07
REFERENCE					

SURFACE CONDITIONS: Top soil/Grass

DESCRIPTION BY: E. Appel

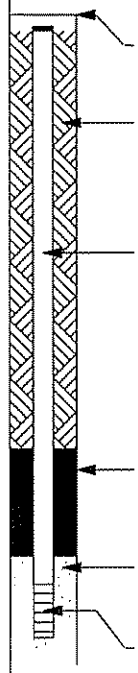
INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG
				0					CL
				1					
				2					
				3					
				4					SP-SC
6	4			5					
6	4			6					
				7					
				8					
				9					
				10					
				11					
				12					

SILTY CLAY - dark olive brown (2.5Y 3/3), soft, low plasticity. slightly moist

SANDY CLAY/CLAYEY SAND - yellowish-brown (10YR 5/6), stiff/medium dense, low plasticity, fine to medium grained sand, some angular gravel up to 1 inch in diameter, moist to slightly moist

Boring terminated at 6 feet bgs

DETAILS



- Single bolt, water tight Morrison well box
- Neat cement grout from 0.5 to 4 feet bgs
- 0.125-inch I.D. stainless steel tubing from ground surface to 5.25 feet
- Bentonite chips from 4 to 5 feet bgs.
- #2/12 sand from 5 to 6 feet bgs. 0.375-inch I.D. 0.010-inch slot stainless steel screen from 5.25 to 5.75 feet bgs.

LOG OF SOIL BORING 7-4121 LOGS.GPJ ETIC.GDT 4/3/07

ETIC ENGINEERING

LOG OF SOIL BORING: **VW5**

COORDINATES: N2097706.7 :E6084744.8
ELEVATION TOP OF CASING:
CASING BELOW SURFACE: -84.47

DRILLING COMPANY: Cascade
LICENSE NUMBER: C57-717510

CLIENT	SITE NUMBER	LOCATION
ExxonMobil	7-4121	10605 Foothill Blvd Oakland, California

DRILLING AND SAMPLING METHODS: Borehole cleared to 6 feet bgs using a hand auger Sampled withslide hammer using 6-inch-long stainless-steel liners

				START	FINISH
WATER LEVEL					
TIME				TIME 1050	TIME 1230
DATE				DATE 1/22/07	DATE 1/22/07
REFERENCE					

SURFACE CONDITIONS: Top soil/Grass

DESCRIPTION BY: E. Appel

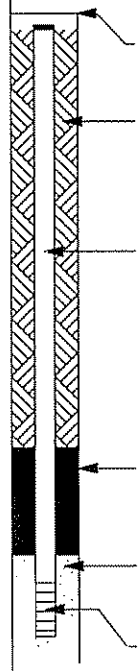
INCHES DRIVEN	INCHES RECOVER	BLOWS / 6" SAMPLER	OVA READING	DEPTH (feet)	AIR SAMPLE	WATER SAMPLE	SOIL SAMPLE	RECOVERED	GRAPHIC LOG
				0					CL
				1					
				2					
				3					
				4					
6	4			5					
6	4			6					
				7					
				8					
				9					
				10					
				11					
				12					

SILTY CLAY - dark olive brown (2.5Y 3/3), soft, low plasticity, slightly moist.

- becoming yellowish-brown (10YR 5/6). moist

Boring terminated at 6 feet bgs

DETAILS



LOG OF SOIL BORING 7-4121 LOGS.GPJ ETIC.GDT 4/3/07

Appendix E

Field Data

ETIC ENGINEERING

MONITORING WELL DATA FORM

Client: **Former Exxon 7-4121**

Date: 03-08-07

Project Number: **TM4121.3**

Station Number: **7-4121**

Site Location:
10605 Foothill Blvd. Oakland, California

Samplers: BINDER

MONITORING WELL NUMBER	DEPTH TO WATER (TOC)FT.	DEPTH TO PRODUCT (TOC)FT.	APPARENT PRODUCT THICKNESS (FT.)	AMOUNT OF PRODUCT REMOVED(L)	MONITORING WELL INTEGRITY	DEPTH TO BOTTOM (TOC)	WELL CASING DIAMETER
MW1	15.10	N.P.	0.00	0	OK	24.55	2"
MW2	16.97	N.P.	0.00	0	OK	24.75	2"
MW3	15.49	N.P.	0.00	0	OK	24.20	2"
MW5	14.31	N.P.	0.00	0	OK	24.50	2"

ETIC ENGINEERING

WELL DEVELOPMENT FORM

Project location: **10605 Foothill Boulevard, Oakland, CA** Well No: **MW1** Date: 03-08-07

Project No: **TM4121 Task 3** Personnel: BINDER

GAUGING DATA

Water Level Measuring Method: Measuring Point Description:

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)	Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	24.55	−	15.10	=	9.45	X	1	(2)	4	6	1.51	=	15.12
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: Purge Depth:

Time	10:00	12:22	12:24	12:26	12:28	12:30
Volume Purge (gal)	1.50	3.00	4.50	6.00	7.50	9.00
Temperature ( )	21.7	18.8	19.3	19.6	19.7	19.9
pH	6.40	6.12	6.17	6.15	6.29	6.10
Conductivity (us/cm)	1652	1438	1443	1410	1376	1317
Color	BROWN	BROWN	BROWN	BROWN	BROWN	BROWN
Turbidity	SLTY	SILTY	SILTY	SILTY	SILTY	SILTY
Odor (Y/N)	NONE	NONE	NONE	NONE	NONE	NONE
Casing Volumes	1	2	3	4	5	6
Dewatered (Y/N)	NONE	NONE	NONE	NONE	NONE	NONE

Comments/Observbations:

SAMPLE TIME 13:00

Total Purge Volume: 15 (gallons) Disposal:

Weather Conditions: OK

Condition of Well Box and Casing: OK

Well Head Conditions Requiring Correction: NONE

Problems Encountered During Purging: NONE

Comments:

ETIC ENGINEERING

WELL DEVELOPMENT FORM

Project location: **10605 Foothill Boulevard, Oakland, CA** Well No: **MW1** Date:

Project No: **TM4121 Task 3** Personnel: BLADER

GAUGING DATA

Water Level Measuring Method: Measuring Point Description:

WELL PURGE VOLUME CALCULATION	Total Depth (feet)	-	Depth to Water (feet)	=	Water Column (feet)	X	Multiplier for Casing Diameter: 1 (0.04) / 2 (0.16) / 4 (0.64) / 6 (1.44)	=	Casing Volume (gal)	Total Purge Volume (gal)

PURGING DATA

Purge Method: Purge Depth:

Time	12:33	12:36	12:39	12:43		
Volume Purge (gal)	10.5	12.00	13.50	15.00		
Temperature ( )	19.9	19.7	20.3	20.7		
pH	6.07	6.07	6.13	6.08		
Conductivity (us/cm)	1294	1282	1269	1253		
Color	BROWN	BROWN	BROWN	BROWN		
Turbidity	SILTY	SILTY	SILTY	SILTY		
Odor (Y/N)	NONE	NONE	NONE	NONE		
Casing Volumes	7	8	9	10		
Dewatered (Y/N)	NONE	NONE	NONE	NONE		

Comments/Observbations:

SAMPLE TIME 13:00

Total Purge Volume: 15. (gallons) Disposal:

Weather Conditions: OK

Condition of Well Box and Casing: OK

Well Head Conditions Requiring Correction: NONE

Problems Encountered During Purging: NONE

Comments:

ETIC ENGINEERING

WELL DEVELOPMENT FORM

Project location: **10605 Foothill Boulevard, Oakland, CA** Well No: **MW2** Date: 03-08-07

Project No: **TM4121 Task 3** Personnel: BINDER

GAUGING DATA

Water Level Measuring Method: Measuring Point Description:

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	24.75	−	16.97	=	7.78	X	1	(2)	4	6	1.24	=	12.44
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: Purge Depth:

Time	10:32	10:34	10:36	10:38	10:40	10:43
Volume Purge (gal)	1.5	3.0	4.50	6.0	7.50	9.0
Temperature ( )	26.6	22.4	20.7	21.1	20.3	20.1
pH	5.51	6.50	6.31	6.26	6.21	6.30
Conductivity (us/cm)	1283	1294	1267	1197	1181	1180
Color	BROWN	BROWN	BROWN	BROWN	BROWN	BROWN
Turbidity	SILTY	SILTY	SILTY	SILTY	SILTY	SILTY
Odor (Y/N)	N	N	N	N	N	N
Casing Volumes	1	2	3	4	5	6
Dewatered (Y/N)	N	N	N	N	N	N

Comments/Observations:

SAMPLE TIME 11:00

Total Purge Volume: 15 (gallons) Disposal:

Weather Conditions: OK

Condition of Well Box and Casing: OK

Well Head Conditions Requiring Correction: NONE

Problems Encountered During Purging: NONE

Comments:

ETIC ENGINEERING

WELL DEVELOPMENT FORM

Project location: **10605 Foothill Boulevard, Oakland, CA** Well No. **MW2** Date: 03-08-07

Project No: **TM4121 Task 3** Personnel: BINDER

GAUGING DATA

Water Level Measuring Method: Measuring Point Description.

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
		−		=		X	1	(2)	4	6		=	
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: Purge Depth:

Time	10:46	10:49	10:52	10:56		
Volume Purge (gal)	10.5	12.00	13.5	15.00		
Temperature ( )	19.03	19.5	20.2	20.3		
pH	6.18	6.14	6.13	6.11		
Conductivity (us/cm)	1143	1140	1110	1089		
Color	BROWN	BROWN	BROWN	BROWN		
Turbidity	SILTY	SILTY	SILTY	SILTY		
Odor (Y/N)	N	N	N	N		
Casing Volumes	7	8	9	10		
Dewatered (Y/N)	N	N	N	N		

Comments/Observbations:

SAMPLE TIME 11:00

Total Purge Volume: 15 (gallons) Disposal:

Weather Conditions: OK

Condition of Well Box and Casing: OK

Well Head Conditions Requiring Correction: NONE

Problems Encountered During Purging: NONE

Comments:

ETIC ENGINEERING

WELL DEVELOPMENT FORM

Project location: **10605 Foothill Boulevard, Oakland, CA** Well No: **MW3** Date: 03-08-07

Project No: **TM4121 Task 3** Personnel: BINDER

GAUGING DATA

Water Level Measuring Method: Measuring Point Description:

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	24.20	−	15.49	=	8.71	X	1	(2)	4	6	1.39	=	13.96
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: Purge Depth:

Time	13:45	13:46	13:49	13:54	14:45	
Volume Purge (gal)	1.5	3.00	4.50	6.00	7.50	9.00
Temperature ( )	22.0	20.4	20.0	17.8	17.8	
pH	6.12	5.92	6.00	6.15	5.74	
Conductivity (us/cm)	3032	2838	2757	2749	2809	
Color	BROWN	BROWN	BROWN	BROWN	BROWN	
Turbidity	SILTY	SILTY	SILTY	SILTY	SILTY	
Odor (Y/N)	NONE	NONE	NONE	NONE	NONE	
Casing Volumes	1	2	3	4	5	6
Dewatered (Y/N)	NONE	NONE	NONE	NONE	NONE	

Comments/Observbations:

SAMPLE TIME 15:05

Total Purge Volume: 7.5 *(gallons)* Disposal:

Weather Conditions: OK

Condition of Well Box and Casing: OK

Well Head Conditions Requiring Correction: NONE

Problems Encountered During Purging: ~~NONE~~ Got Dewatered After 1.5 Gallons Last

Comments: Let Recharge one Hour Got 1.5 Gallons Again Dewat

ETIC ENGINEERING

WELL DEVELOPMENT FORM

Project location. **10605 Foothill Boulevard, Oakland, CA** Well No: **MW3** Date: 03-08-07

Project No. **TM4121 Task 3** Personnel: BINDER

GAUGING DATA

Water Level Measuring Method: Measuring Point Description:

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
		−		=		X	1	(2)	4	6		=	
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: Purge Depth:

Time						
Volume Purge (gal)	10.5	12.00	13.5	15.00		
Temperature ( )						
pH						
Conductivity (us/cm)						
Color						
Turbidity						
Odor (Y/N)						
Casing Volumes	**7**	**8**	**9**	**10**		
Dewatered (Y/N)						

Comments/Observbations:

Total Purge Volume: *(gallons)* Disposal:

Weather Conditions:

Condition of Well Box and Casing:

Well Head Conditions Requiring Correction:

Problems Encountered During Purging:

Comments:

ETIC ENGINEERING

WELL DEVELOPMENT FORM

Project location: **10605 Foothill Boulevard, Oakland, CA** Well No. **MW5** Date: 03-Oct-12

Project No: **TM4121 Task 3** Personnel: B. N. DET

GAUGING DATA

Water Level Measuring Method: Measuring Point Description:

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
	24.50	-	14.31	=	10.19	X	1	(2)	4	6	1.63	=	16.30
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: Purge Depth:

Time	11:39	12:03	12:29	14:00	14:05	
Volume Purge (gal)	2.00	4.00	6.00	8.00	10.00	12.00
Temperature ( )	22.4	20.7	18.7	17.3	17.6	
pH	6.35	6.28	6.21	6.39	6.41	
Conductivity (us/cm)	1240	1295	1129	1264	1261	
Color	BROWN	BROWN	BROWN	BROWN	BROWN	
Turbidity	SILTY	SILTY	SILTY	SILTY	SILTY	
Odor (Y/N)	N	N	N	N	N	
Casing Volumes	1	2	3	4	5	6
Dewatered (Y/N)	N		N	N	N	

Comments/Observbations:

TIME SAMPLE 14:30

Total Purge Volume: 16. *(gallons)* Disposal:

Weather Conditions: OK

Condition of Well Box and Casing: OK

Well Head Conditions Requiring Correction: NONE

Problems Encountered During Purging: First Get Dewatered ON 6.00 Gallon Then After

Comments: Recharge 2 hours Get Dewater Again.

ETIC ENGINEERING

WELL DEVELOPMENT FORM

Project location: **10605 Foothill Boulevard, Oakland, CA** Well No: **MW5** Date: 03-08-07

Project No: **TM4121 Task 3** Personnel: SBINDER

GAUGING DATA

Water Level Measuring Method: Measuring Point Description:

WELL PURGE VOLUME CALCULATION	Total Depth (feet)		Depth to Water (feet)		Water Column (feet)		Multiplier for Casing Diameter				Casing Volume (gal)		Total Purge Volume (gal)
		−		=		X	1	(2)	4	6		=	
							0.04	0.16	0.64	1.44			

PURGING DATA

Purge Method: Purge Depth:

Time						
Volume Purge (gal)	14 00	16.00	18 00	20 00		
Temperature ( )						
pH						
Conductivity (us/cm)						
Color						
Turbidity						
Odor (Y/N)						
Casing Volumes	7	8	9	10		
Dewatered (Y/N)						

Comments/Observbations:

Total Purge Volume: *(gallons)* Disposal:

Weather Conditions:

Condition of Well Box and Casing:

Well Head Conditions Requiring Correction:

Problems Encountered During Purging:

Comments:

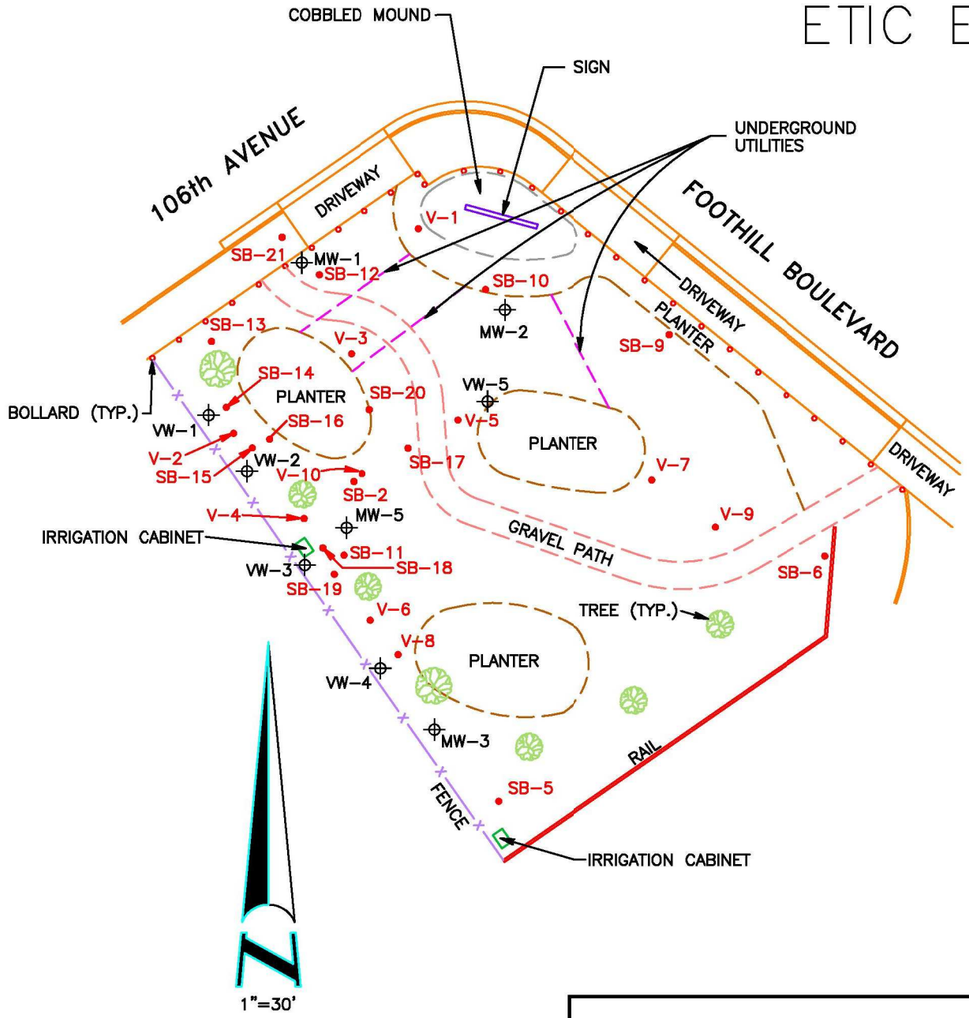
Appendix F

Survey Data

Monitoring Well Exhibit

Prepared For:

ETIC Engineering



DESCRIPTION	NORTHING	EASTING	LATITUDE	LONGITUDE	ELEV (PVC)	ELEV (BOX)	ELEV (GND)
SB-2	2097689.1	6084715.4	37.7443190	-122.1496322			83.1
SB-5	2097618.9	6084747.2	37.7441278	-122.1495180			83.7
SB-6	2097672.7	6084818.9	37.7442791	-122.1492733			85.5
SB-9	2097721.3	6084784.7	37.7444109	-122.1493945			85.3
SB-10	2097731.3	6084744.3	37.7444362	-122.1495348			84.4
SB-11	2097672.9	6084713.2	37.7442745	-122.1496387			82.9
SB-12	2097734.5	6084707.8	37.7444433	-122.1496611			83.0
SB-13	2097719.9	6084684.2	37.7444019	-122.1497420			81.7
SB-14	2097705.4	6084687.4	37.7443624	-122.1497299			81.6
SB-15	2097696.5	6084693.1	37.7443382	-122.1497097			81.9
SB-16	2097698.4	6084696.9	37.7443436	-122.1496967			82.1
SB-17	2097696.4	6084727.4	37.7443396	-122.1495913			83.5
SB-18	2097674.5	6084708.6	37.7442786	-122.1496548			82.5
SB-19	2097668.7	6084711.1	37.7442629	-122.1496458			82.6
SB-20	2097704.9	6084718.9	37.7443625	-122.1496210			83.1
SB-21	2097742.7	6084699.7	37.7444654	-122.1496899			82.4
V-1	2097744.6	6084729.6	37.7444720	-122.1495864			84.0
V-2	2097699.7	6084689.0	37.7443468	-122.1497240			81.8
V-3	2097717.2	6084714.9	37.7443960	-122.1496356			83.2
V-4	2097681.0	6084704.5	37.7442961	-122.1496695			82.4
V-5	2097702.6	6084738.3	37.7443571	-122.1495539			84.0
V-6	2097658.7	6084719.1	37.7442356	-122.1496175			82.9
V-7	2097689.4	6084780.9	37.7443231	-122.1494057			85.1
V-8	2097651.1	6084725.2	37.7442152	-122.1495960			83.0
V-9	2097679.1	6084794.8	37.7442954	-122.1493569			85.4
V-10	2097690.8	6084717.3	37.7443238	-122.1496259			83.1
MW-1	2097737.2	6084704.0	37.7444504	-122.1496746	82.47	82.86	
MW-2	2097726.8	6084748.5	37.7444241	-122.1495199	84.40	84.69	
MW-3	2097634.7	6084733.1	37.7441703	-122.1495675	83.25	83.58	
MW-5	2097678.9	6084713.8	37.7442910	-122.1496371	82.65	82.94	
VW-1	2097703.7	6084683.6	37.7443575	-122.1497432		81.77	
VW-2	2097691.3	6084692.0	37.7443240	-122.1497133		81.98	
VW-3	2097670.8	6084704.6	37.7442681	-122.1496683		82.64	
VW-4	2097648.1	6084721.3	37.7442067	-122.1496092		83.13	
VW-5	2097706.7	6084744.8	37.7443686	-122.1495318		84.47	

BASIS OF COORDINATES AND ELEVATIONS:

COORDINATES ARE CALIFORNIA STATE PLANE ZONE 3 COORDINATES FROM GPS OBSERVATIONS USING UNIVERSITY OF CALIFORNIA BAY AREA DEFORMATION CORS STATION OBSERVATION FILES AND BASED ON THE CALIFORNIA SPATIAL REFERENCE CENTER DATUM, REFERENCE EPOCH 2000.35.
COORDINATE DATUM IS NAD 83(1986).
DATUM ELLIPSOID IS GRS80.
REFERENCE GEOID IS NGS99.
CORS STATIONS USED WERE DIAB AND PTRB.
VERTICAL DATUM IS NAVD 88 FROM GPS OBSERVATIONS.

10605 Foothill Boulevard
Oakland
Alameda County
California

Morrow Surveying
LAND SURVEYORS

1450 Harbor Blvd. Ste. D
West Sacramento
California 95691
(916) 372-8124
jeff@morrowsurveying.com

Date: 5-16-06
Scale: 1" = 30'
Sheet 1 of 1
Revised: 3-12-07
Field Book: MW-26
Dwg. No. 1893-056 JL

Appendix G

Waste Documentation

R.P 4-10-07

REPUBLIC SERVICES, INC.

Vasco Road Landfill

NON-HAZARDOUS WASTE MANIFEST

GENERATOR INFORMATION

Generator Name: Exxon Mobil Corporation
Address: 3700 W. 190th Street, TPT2
City: Torrance County: Los Angeles
State: CA Zip: 90504
Site Location:

CUSTOMER/BILLING INFORMATION

Billing Name: Dillard Environmental Services
Address: P.O. Box 579
City: Byron County: Contra Costa
State: CA Zip: 94514

Republic Services Approval Number	Description of Waste	Volume or Weight	Expiration Date	Container Type
1003939	Soil / Drums	13 ~~18~~ Drum(s)	10/1/2007	
Disposal Instructions				
Follow Drum Labelling Directions: Generator name, SWIC #, Contents, Date Location:Exxon 7-4121 10605 Foothill Blvd Oakland				

The above Disposal Instructions are a requirement of Republic Services, Inc., for management of the profiled material The approval is based upon a review of information provided by the generator and is contingent upon the receipt at the disposal facility of a waste material essentially equivalent in chemical and physical characteristics and properties to that profiled

I hereby certify that the above described materials are non-hazardous wastes as defined by 40 CFR 261 or any applicable state law Further, that the above named materials are properly classified, described, packaged, marked, and labeled, and are in proper condition for transportation according to the applicable regulations of the Department of Transportation.

ERIK APPEL — On Behalf of Exxon Mobil Corp. — Generator/Authorized Agent Name
Signature
4/10/07 — Date Shipped

TRANSPORTER INFORMATION

Transporter Name: Dillard Env. Svcs
Address: 3120 Camino Diablo Rd
Byron, CA 94514
DOT Number:
Truck Number: 195
Phone Number: 925-634-6850

I certify no hazardous waste or other regulated substance was knowingly introduced to the waste while in my custody. The waste transpoted in this vehicle is the waste identified above, to the best of my knowledge.

David Burke — Name of Authorized Agent
Signature
4/10/07 — Date Delivered

DISPOSAL SITE INFORMATION

Site Name: Vasco Road
Address: 4001 North Vasco Road
Livermore, CA 94550
Phone Number: (925) 447-0491
Fax Number: (925) 447-0499

I hereby acknowledge receipt of the above described materials

Name (Print or Type)
Signature
4-10-7 — Date Received

RECEIVED
APR 12 2007
By

REPUBLIC SERVICES VASCO ROAD, LLC
4001 N. Vasco Road, Livermore, California 94551 • (925) 447-0491

A 553951

Vasco Road Landfill

482559
4/10/2007
10:54-10:54

5007814/DILLARD

0 LB In Scale
0 LB OutScale
0 LB Tons: 0.00

50195
DUMP TRUCK

Grid:NA

Haul Cust:

500008/OAKLAND - SDEO/Soil Drums 13.00 Units Units

RECEIVED
APR 17

By

RAY YULO - Vasco

WEIGHMASTER CERTIFICATE
THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered by the division of Measurement Standards of the California Department of Food & Agriculture.

WARNING: Transporting any unauthorized hazardous waste to this facility for disposal is prohibited by law. Persons violating this prohibition are subject to civil and criminal prosecution.
All children must remain in vehicles.
Absolutely no salvaging allowed.

SHIPPER NO B 023882

STRAIGHT BILL OF LADING—SHORT FORM—Original—Not Negotiable

CARRIER NO _____

ETIC ENGINEERING INC. (SCAC)

DATE: 03-12-07

OF CARRIER)

SIGNEE	ROMIC ENVIRONMENTAL TECHN. CORP.	**FROM** SHIPPER	EXXON/MOBIL OIL CORP
ET	2081 BAY ROAD	STREET	3700 W. 190TH ST. TPT #2-15
INATION	EAST PALO ALTO, CA. 94303 STATE ZIP	ORIGIN	TORRANCE, CA 90504 STATE ZIP

E: STD 000 000 608

U S DOT Hazmat Reg. No | VEHICLE NUMBER

D. PING IT	HM	Description of articles, special marks, and exceptions	*WEIGHT (Subject to correction)	Class or Rate	CHARGES (For carrier use only)	Check column
		GROUNDWATER MONITORING WELL PURGE WATER PROFILE: 301560-___ GALLONS: 55. Gallons HANDLING CODE: H135 RECEIVED BY: [signature] 3/12/07 PLACARDS TENDERED: YES _____ NO ✓ PO# MC7119 EWR# _____ STORE NAME: 7-4121 STORE ADDRESS: 10606 FOOTHILL BOULEVARD OAKLAND CA WC#: _____				

T C.O.D. TO:

RESS:

STATE ZIP

COD AMT: $

C.O.D. Fee:
PREPAID ☐
COLLECT ☐ $

- where the rate is dependent on value, shippers are required to state ically in writing the agreed or declared value of the property.

greed or declared value of the property is hereby specifically stated by ipper to be not exceeding _____ per _____

: Liability Limitation for loss or damage in this shipment may be :able. See 49 U.S.C. 14706(c)(1)(A) and (B).

Subject to Section 7 of conditions of applicable bill of lading, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement:
The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges.

(Signature of Consignor)

TOTAL CHARGES: $

FREIGHT CHARGES
Freight Prepaid except when box at right is checked ☐ Check box if charges to be collect

ED, subject to individually determined rates or contracts that have been agreed upon in writing between the carrier and shipper, if applicable, otherwise to the rates, classifications and rules that have been established by the carrier and are available ipper, on request; and all applicable state and federal regulations; the Property described below, in apparent good order, except as noted (contents and condition of contents of packages unknown), marked, consigned, and destined as indicated ich said company (the word company being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to delivery at said destination, if on its route, or otherwise to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said Property over all or any portion of said route to destination and as to each party at any time interested in all or any of said Property that rvice to be performed hereunder shall be subject to all the conditions not prohibited by law, whether printed or written, herein contained, including the conditions on the back hereof, which are hereby agreed to by the shipper and accepted for himself ssigns.

s to certify that the above-named materials are properly classified, described, packaged, marked, and labeled, and proper condition for transportation according to the applicable regulations of the Department of Transportation PER:

PER: EXXON/MOBIL OIL CORP. [signature]	CARRIER: ETIC ENGINEERING INC. PER: [signature] DATE: 03-18-07

RGENCY RESPONSE :PHONE NUMBER: (800) 766-4248

MONITORED AT ALL TIMES THE HAZARDOUS MATERIAL IS IN TRANSPORTATION INCLUDING STORAGE INCIDENTAL TO TRANSPORTATION. (172.604)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number: 000000 2343NH	2. Page 1 of 1	3. Emergency Response Phone: 800-675-1055	4. Waste Tracking Number: 051507

5. Generator's Name and Mailing Address:
EXXONMOBIL CORPORATION (7-4121)
3700 W 190TH ST., TPT#2-15
TORRANCE CA 90504
310-212-2939

Generator's Site Address (if different than mailing address):
10605 FOOTHILL BOULEVARD
OAKLAND, CA 94605 USA

Generator's Phone:

6. Transporter 1 Company Name: Dillard Environmental Services — U.S. EPA ID Number: CAD982523433

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address: Evergreen Env Technologies
2061 Bay Road
East Palo Alto, CA 94303
650-324-1638-223

Facility's Phone:

U.S. EPA ID Number: CAD009452657

9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.
1. NON HAZ DECON WATER (PF: 301560)	05	DM	200	G
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
JOB/PO#911-042
PROFILE 301560

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Generator's/Offeror's Printed/Typed Name: On Behalf of Exxon Mobil Corp. K. Erik Appel — Signature: [signature] — Month Day Year: 05 15 07

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:
Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Ron DeMaggio — Signature: Ron DeMaggio — Month Day Year: 05 15 07
Transporter 2 Printed/Typed Name — Signature — Month Day Year

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Andy Lane — Signature: [signature] — Month Day Year: 05 15 07

Appendix H

Laboratory Analytical Reports

Calscience Environmental Laboratories, Inc.

May 14, 2007

Eric Appec
ETIC Engineering, Inc.
2285 Morello Avenue
Pleasant Hill, CA 94523-1850

Subject: **Calscience Work Order No.: 07-05-0102**
Client Reference: TM4121

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/2/2007 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Systems Manual, applicable standard operating procedures, and other related documentation. The original report of subcontracted analysis, if any, is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

Note that the Chain-of-Custody Record and Sample Receipt Form are integral parts of this report.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

Calscience Environmental
Laboratories, Inc.
Cecile deGuia
Project Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

ETIC Engineering, Inc.
2285 Morello Avenue
Pleasant Hill, CA 94523-1850

Date Received: 05/02/07
Work Order No: 07-05-0102
Preparation: N/A
Method: ASTM D-1946
Units: %v

Project: TM4121

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
VW1	**07-05-0102-1**	**04/27/07**	**Air**	**GC 34**	**N/A**	**05/02/07**	**070502L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methane	ND	0.745	1.49		Oxygen + Argon	11.1	0.745	1.49	
Carbon Dioxide	2.39	0.745	1.49						

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
VW5	**07-05-0102-2**	**04/27/07**	**Air**	**GC 34**	**N/A**	**05/02/07**	**070502L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methane	ND	0.820	1.64		Oxygen + Argon	3.49	0.820	1.64	
Carbon Dioxide	7.49	0.820	1.64						

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-03-002-281**	**N/A**	**Air**	**GC 34**	**N/A**	**05/02/07**	**070502L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Methane	ND	0.500	1		Oxygen + Argon	ND	0.500	1	
Carbon Dioxide	ND	0.500	1		Nitrogen	ND	0.500	1	
Carbon Monoxide	ND	0.500	1						

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ETIC Engineering, Inc.
2285 Morello Avenue
Pleasant Hill, CA 94523-1850

Date Received: 05/02/07
Work Order No: 07-05-0102
Preparation: N/A
Method: EPA TO-3(M)

Project: TM4121

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
VW1	**07-05-0102-1**	**04/27/07**	**Air**	**GC 13**	**N/A**	**05/02/07**	**070502L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	4.5	1.49		ppm (v/v)

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
VW5	**07-05-0102-2**	**04/27/07**	**Air**	**GC 13**	**N/A**	**05/02/07**	**070502L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	4.9	1.64		ppm (v/v)

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**098-01-005-855**	**N/A**	**Air**	**GC 13**	**N/A**	**05/02/07**	**070502L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	3.0	1		ppm (v/v)

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ETIC Engineering, Inc.
2285 Morello Avenue
Pleasant Hill, CA 94523-1850

Date Received: 05/02/07
Work Order No: 07-05-0102
Preparation: N/A
Method: EPA TO-3(M)

Project: TM4121

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
VW1	**07-05-0102-1**	**04/27/07**	**Air**	**GC 13**	**N/A**	**05/02/07**	**070502L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	20000	1.49		ug/m3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
VW5	**07-05-0102-2**	**04/27/07**	**Air**	**GC 13**	**N/A**	**05/02/07**	**070502L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	23000	1.64		ug/m3

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**098-01-005-855**	**N/A**	**Air**	**GC 13**	**N/A**	**05/02/07**	**070502L01**

Parameter	Result	RL	DF	Qual	Units
TPH as Gasoline	ND	14000	1		ug/m3

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ACCREDITED IN ACCORDANCE WITH nelac

ETIC Engineering, Inc.	Date Received:	05/02/07
2285 Morello Avenue	Work Order No:	07-05-0102
Pleasant Hill, CA 94523-1850	Preparation:	N/A
	Method:	EPA TO-15
	Units:	ppb (v/v)
Project: TM4121		Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
VW1	**07-05-0102-1**	**04/27/07**	**Air**	**GC/MS K**	**N/A**	**05/02/07**	**070502L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.74	1.49		o-Xylene	1.1	0.74	1.49	
Diisopropyl Ether (DIPE)	ND	3.0	1.49		p/m-Xylene	2.4	1.5	1.49	
1,2-Dibromoethane	ND	0.74	1.49		Tert-Amyl-Methyl Ether (TAME)	ND	3.0	1.49	
1,2-Dichloroethane	ND	0.74	1.49		Tert-Butyl Alcohol (TBA)	ND	3.0	1.49	
Ethyl-t-Butyl Ether (ETBE)	ND	3.0	1.49		Toluene	3.1	0.74	1.49	
Ethylbenzene	ND	0.74	1.49		1,1-Difluoroethane	ND	3.0	1.49	
Methyl-t-Butyl Ether (MTBE)	ND	3.0	1.49						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	85	57-129		1,2-Dichloroethane-d4	77	47-137	
Toluene-d8	81	78-156					

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
VW5	**07-05-0102-2**	**04/27/07**	**Air**	**GC/MS K**	**N/A**	**05/02/07**	**070502L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	1.4	0.82	1.64		o-Xylene	1.1	0.82	1.64	
Diisopropyl Ether (DIPE)	ND	3.3	1.64		p/m-Xylene	2.7	1.6	1.64	
1,2-Dibromoethane	ND	0.82	1.64		Tert-Amyl-Methyl Ether (TAME)	ND	3.3	1.64	
1,2-Dichloroethane	ND	0.82	1.64		Tert-Butyl Alcohol (TBA)	ND	3.3	1.64	
Ethyl-t-Butyl Ether (ETBE)	ND	3.3	1.64		Toluene	2.8	0.82	1.64	
Ethylbenzene	1.0	0.82	1.64		1,1-Difluoroethane	ND	3.3	1.64	
Methyl-t-Butyl Ether (MTBE)	ND	3.3	1.64						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	89	57-129		1,2-Dichloroethane-d4	83	47-137	
Toluene-d8	98	78-156					

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**095-01-021-4,804**	**N/A**	**Air**	**GC/MS K**	**N/A**	**05/02/07**	**070502L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	0.50	1		o-Xylene	ND	0.50	1	
Diisopropyl Ether (DIPE)	ND	2.0	1		p/m-Xylene	ND	1.0	1	
1,2-Dibromoethane	ND	0.50	1		Tert-Amyl-Methyl Ether (TAME)	ND	2.0	1	
1,2-Dichloroethane	ND	0.50	1		Tert-Butyl Alcohol (TBA)	ND	2.0	1	
Ethyl-t-Butyl Ether (ETBE)	ND	2.0	1		Toluene	ND	0.50	1	
Ethylbenzene	ND	0.50	1		1,1-Difluoroethane	ND	2.0	1	
Methyl-t-Butyl Ether (MTBE)	ND	2.0	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	86	57-129		1,2-Dichloroethane-d4	86	47-137	
Toluene-d8	86	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Analytical Report

ETIC Engineering, Inc.		Date Received:	05/02/07
2285 Morello Avenue		Work Order No:	07-05-0102
Pleasant Hill, CA 94523-1850		Preparation:	N/A
		Method:	EPA TO-15
		Units:	ug/m3
Project: TM4121			Page 1 of 1

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Instrument	Date Prepared	Date Analyzed	QC Batch ID
VW1	**07-05-0102-1**	**04/27/07**	**Air**	**GC/MS K**	**N/A**	**05/02/07**	**070502L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	2.4	1.49		o-Xylene	4.8	3.2	1.49	
Diisopropyl Ether (DIPE)	ND	12	1.49		p/m-Xylene	10	6.5	1.49	
1,2-Dibromoethane	ND	5.7	1.49		Tert-Amyl-Methyl Ether (TAME)	ND	19	1.49	
1,2-Dichloroethane	ND	3.0	1.49		Tert-Butyl Alcohol (TBA)	ND	9.0	1.49	
Ethyl-t-Butyl Ether (ETBE)	ND	12	1.49		Toluene	12	2.8	1.49	
Ethylbenzene	ND	3.2	1.49		1,1-Difluoroethane	ND	8.1	1.49	
Methyl-t-Butyl Ether (MTBE)	ND	11	1.49						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	85	57-129		1,2-Dichloroethane-d4	77	47-137	
Toluene-d8	81	78-156					

VW5	**07-05-0102-2**	**04/27/07**	**Air**	**GC/MS K**	**N/A**	**05/02/07**	**070502L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	4.4	2.6	1.64		o-Xylene	4.8	3.6	1.64	
Diisopropyl Ether (DIPE)	ND	14	1.64		p/m-Xylene	12	7.1	1.64	
1,2-Dibromoethane	ND	6.3	1.64		Tert-Amyl-Methyl Ether (TAME)	ND	21	1.64	
1,2-Dichloroethane	ND	3.3	1.64		Tert-Butyl Alcohol (TBA)	ND	9.9	1.64	
Ethyl-t-Butyl Ether (ETBE)	ND	14	1.64		Toluene	11	3.1	1.64	
Ethylbenzene	4.4	3.6	1.64		1,1-Difluoroethane	ND	8.9	1.64	
Methyl-t-Butyl Ether (MTBE)	ND	12	1.64						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	89	57-129		1,2-Dichloroethane-d4	83	47-137	
Toluene-d8	98	78-156					

Method Blank	**095-01-021-4,804**	**N/A**	**Air**	**GC/MS K**	**N/A**	**05/02/07**	**070502L01**

Parameter	Result	RL	DF	Qual	Parameter	Result	RL	DF	Qual
Benzene	ND	1.6	1		o-Xylene	ND	2.2	1	
Diisopropyl Ether (DIPE)	ND	8.4	1		p/m-Xylene	ND	4.3	1	
1,2-Dibromoethane	ND	3.8	1		Tert-Amyl-Methyl Ether (TAME)	ND	13	1	
1,2-Dichloroethane	ND	2.0	1		Tert-Butyl Alcohol (TBA)	ND	6.1	1	
Ethyl-t-Butyl Ether (ETBE)	ND	8.4	1		Toluene	ND	1.9	1	
Ethylbenzene	ND	2.2	1		1,1-Difluoroethane	ND	5.4	1	
Methyl-t-Butyl Ether (MTBE)	ND	7.2	1						

Surrogates:	REC (%)	Control Limits	Qual	Surrogates:	REC (%)	Control Limits	Qual
1,4-Bromofluorobenzene	86	57-129		1,2-Dichloroethane-d4	86	47-137	
Toluene-d8	86	78-156					

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ETIC Engineering, Inc.		Date Received:	05/02/07
2285 Morello Avenue		Work Order No:	07-05-0102
Pleasant Hill, CA 94523-1850		Preparation:	N/A
		Method:	EPA TO-3(M)

Project: TM4121

Quality Control Sample ID	Matrix	Instrument	Date Prepared:	Date Analyzed:	Duplicate Batch Number
07-05-0138-1	**Air**	**GC 13**	**N/A**	**05/02/07**	**070502D01**

Parameter	Sample Conc	DUP Conc	RPD	RPD CL	Qualifiers
TPH as Gasoline	190	180	3	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ACCREDITED IN ACCORDANCE WITH nelac

ETIC Engineering, Inc.	Date Received:	N/A
2285 Morello Avenue	Work Order No:	07-05-0102
Pleasant Hill, CA 94523-1850	Preparation:	N/A
	Method:	ASTM D-1946

Project: TM4121

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
099-03-002-281	**Air**	**GC 34**	**N/A**	**05/02/07**	**070502L01**

Parameter	LCS Conc	LCSD Conc	RPD	RPD CL	Qualifiers
Carbon Dioxide	5.210	5.167	1	0-30	
Oxygen + Argon	20.51	20.42	0	0-30	
Nitrogen	76.41	76.08	0	0-30	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - LCS/LCS Duplicate

ETIC Engineering, Inc.
2285 Morello Avenue
Pleasant Hill, CA 94523-1850

Date Received: N/A
Work Order No: 07-05-0102
Preparation: N/A
Method: EPA TO-15

Project: TM4121

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	LCS/LCSD Batch Number
095-01-021-4,804	**Air**	**GC/MS K**	**N/A**	**05/02/07**	**070502L01**

Parameter	LCS %REC	LCSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Benzene	107	94	60-156	13	0-40	
Carbon Tetrachloride	102	90	64-154	13	0-32	
1,2-Dibromoethane	107	109	54-144	2	0-36	
1,2-Dichlorobenzene	107	109	34-160	2	0-47	
1,2-Dichloroethane	91	93	69-153	2	0-30	
1,2-Dichloropropane	129	113	67-157	14	0-35	
1,4-Dichlorobenzene	111	112	36-156	1	0-47	
c-1,3-Dichloropropene	118	102	61-157	14	0-35	
Ethylbenzene	117	117	52-154	0	0-38	
o-Xylene	112	112	52-148	0	0-38	
p/m-Xylene	111	112	42-156	0	0-41	
Tetrachloroethene	102	105	56-152	3	0-40	
Toluene	115	117	56-146	2	0-43	
Trichloroethene	108	95	63-159	13	0-34	
1,1,2-Trichloroethane	115	100	65-149	14	0-37	
Vinyl Chloride	119	123	45-177	4	0-36	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 07-05-0102

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
E	Concentration exceeds the calibration range.
I	Compound did not meet method-described identification guidelines. Identification was based on additional GC/MS characteristics.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

CALSCIENCE ENVIRONMENTAL LABORATORIES, INC.
7440 LINCOLN WAY
GARDEN GROVE, CA 92841-1432
TEL: (714) 895-5494 • FAX: (714) 894-7501

CHAIN OF CUSTODY RECORD

Date 4/27/07

Page 1 of 1

LABORATORY CLIENT: ETIC ENGINEERING
ADDRESS: 2285 MORELLO AVENUE
CITY: PLEASANT HILL STATE: CA ZIP: 94523
TEL: 925 602-4710 FAX: 925 602-4720 E-MAIL: eticlabreports@eticeng.com
TURNAROUND TIME: ☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☒ 5 DAYS ☐ 10 DAYS
SPECIAL REQUIREMENTS (ADDITIONAL COSTS MAY APPLY): ☐ RWQCB REPORTING ☐ COELT REPORTING
SPECIAL INSTRUCTIONS: ⊛ - TBA, DIPE, ETBE, TAME, EDB, 1,2-DCA

CLIENT PROJECT NAME / NUMBER: TM4121
PROJECT CONTACT: ERIK APPEL
SAMPLER(S): (SIGNATURE)
COELT LOG CODE
P.O. NO.: 4500152951
LAB USE ONLY: 05-0102
COOLER RECEIPT TEMP = °C

REQUESTED ANALYSES

LAB USE ONLY	GEIMS ID	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	TPH (G) - TO-3M	TPH (D) or	BTEX / MTBE ~~8021B~~ TO-15	HALOCARBONS (8021B)	VOCs (8260B)	VOCs (5035 / 8260B) EnCore	SVOCs (8270C)	PEST (8081A)	PCBs (8082)	EDB / DBCP (504.1) or (8011)	CAC, T22 METALS (6010B)	PNAs (8310)	VOCs (TO-14A) or (TO-15)	⊛ OXYGENATES TO-15	O2, CO2, CH4 ASTM D1946	1,1-DIFLUOROETHANE TO15
	CEL LC0774	VW 1	4/27/07	1240	AIR	1	X		X											X	X	X
	CEL LC0777	VW 5	4/27/07	1228	AIR	1	X		X											X	X	X

Relinquished by: (Signature)	Received by: (Signature)	Date:	Time:
Relinquished by: (Signature) FedEx	Received by: (Signature)	Date:	Time:
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DISTRIBUTION: White with final report, Green to File, Yellow and Pink to Client.
Please note that pages 1 and 2 of 2 of our T/Cs are printed on the reverse side of the Yellow and Pink copies respectively.

09/10/01 Revision

Q&Q Graphic (714) 898-9702

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 07 - 05 - 0102

Cooler 0 of 0

SAMPLE RECEIPT FORM

CLIENT: ETIC DATE: 05.02.07

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
_____ °C IR thermometer.
✓ Ambient temperature.

Initial: SF

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Present: ✓

Initial: SF

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sampler's name indicated on COC	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers and volume for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: SF

COMMENTS:

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

March 21, 2007 6:03:30PM

Client: ETIC Engineering Pleasant Hill (10236)
2285 Morello Avenue
Pleasant Hill, CA 94523
Attn: Erik Appel

Work Order: NQC1731
Project Name: Exxon 7-4121
Project Nbr: 7-4121
P/O Nbr: 4508104331
Date Received: 03/13/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW1	NQC1731-01	03/08/07 13:00
MW2	NQC1731-02	03/08/07 11:00
MW3	NQC1731-03	03/08/07 15:05
MW5	NQC1731-04	03/08/07 14:30

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. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.
.

California Certification Number: 01168CA

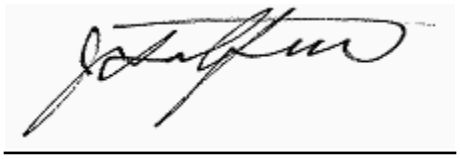
The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

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

Estimated uncertainity is available upon request.

This report has been electronically signed.

Report Approved By:



Jim Hatfield

Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQC1731
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	03/13/07 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQC1731-01 (MW1 - Ground Water) Sampled: 03/08/07 13:00								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	03/20/07 02:32	SW846 8021B	7033204
Ethylbenzene	ND		ug/L	1.00	1	03/20/07 02:32	SW846 8021B	7033204
Toluene	**1.21**		ug/L	1.00	1	03/20/07 02:32	SW846 8021B	7033204
Xylenes, total	ND		ug/L	3.00	1	03/20/07 02:32	SW846 8021B	7033204
Surr: a,a,a-Trifluorotoluene (57-145%)	*89 %*					*03/20/07 02:32*	*SW846 8021B*	*7033204*
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	**0.560**		ug/L	0.500	1	03/20/07 00:26	SW846 8260B	7033682
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	03/20/07 00:26	SW846 8260B	7033682
1,2-Dichloroethane	ND		ug/L	0.500	1	03/20/07 00:26	SW846 8260B	7033682
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	03/20/07 00:26	SW846 8260B	7033682
Diisopropyl Ether	ND		ug/L	0.500	1	03/20/07 00:26	SW846 8260B	7033682
Methyl tert-Butyl Ether	**1.91**		ug/L	0.500	1	03/20/07 00:26	SW846 8260B	7033682
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	03/20/07 00:26	SW846 8260B	7033682
Surr: 1,2-Dichloroethane-d4 (62-142%)	*110 %*					*03/20/07 00:26*	*SW846 8260B*	*7033682*
Surr: Dibromofluoromethane (78-123%)	*98 %*					*03/20/07 00:26*	*SW846 8260B*	*7033682*
Surr: Toluene-d8 (79-120%)	*94 %*					*03/20/07 00:26*	*SW846 8260B*	*7033682*
Surr: 4-Bromofluorobenzene (75-133%)	*96 %*					*03/20/07 00:26*	*SW846 8260B*	*7033682*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**440**		ug/L	100	1	03/20/07 02:32	SW846 8015B	7033204
Surr: a,a,a-Trifluorotoluene (44-152%)	*89 %*					*03/20/07 02:32*	*SW846 8015B*	*7033204*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**119**		ug/L	50.0	1	03/19/07 14:46	SW846 8015B	7032575
Surr: o-Terphenyl (33-147%)	*85 %*					*03/19/07 14:46*	*SW846 8015B*	*7032575*
Sample ID: NQC1731-02 (MW2 - Ground Water) Sampled: 03/08/07 11:00								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**1.33**		ug/L	1.00	1	03/20/07 02:57	SW846 8021B	7033204
Ethylbenzene	**2.41**		ug/L	1.00	1	03/20/07 02:57	SW846 8021B	7033204
Toluene	**3.52**		ug/L	1.00	1	03/20/07 02:57	SW846 8021B	7033204
Xylenes, total	ND		ug/L	3.00	1	03/20/07 02:57	SW846 8021B	7033204
Surr: a,a,a-Trifluorotoluene (57-145%)	*87 %*					*03/20/07 02:57*	*SW846 8021B*	*7033204*
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	03/20/07 00:02	SW846 8260B	7033682
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	03/20/07 00:02	SW846 8260B	7033682
1,2-Dichloroethane	ND		ug/L	0.500	1	03/20/07 00:02	SW846 8260B	7033682
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	03/20/07 00:02	SW846 8260B	7033682
Diisopropyl Ether	ND		ug/L	0.500	1	03/20/07 00:02	SW846 8260B	7033682
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	03/20/07 00:02	SW846 8260B	7033682
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	03/20/07 00:02	SW846 8260B	7033682
Surr: 1,2-Dichloroethane-d4 (62-142%)	*107 %*					*03/20/07 00:02*	*SW846 8260B*	*7033682*
Surr: Dibromofluoromethane (78-123%)	*101 %*					*03/20/07 00:02*	*SW846 8260B*	*7033682*
Surr: Toluene-d8 (79-120%)	*94 %*					*03/20/07 00:02*	*SW846 8260B*	*7033682*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQC1731
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	03/13/07 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQC1731-02 (MW2 - Ground Water) - cont. Sampled: 03/08/07 11:00								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 4-Bromofluorobenzene (75-133%)	*96 %*					*03/20/07 00:02*	*SW846 8260B*	*7033682*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**1620**		ug/L	100	1	03/20/07 02:57	SW846 8015B	7033204
Surr: a,a,a-Trifluorotoluene (44-152%)	*87 %*					*03/20/07 02:57*	*SW846 8015B*	*7033204*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**550**		ug/L	50.0	1	03/19/07 15:02	SW846 8015B	7032575
Surr: o-Terphenyl (33-147%)	*86 %*					*03/19/07 15:02*	*SW846 8015B*	*7032575*
Sample ID: NQC1731-03 (MW3 - Ground Water) Sampled: 03/08/07 15:05								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	03/20/07 03:22	SW846 8021B	7033204
Ethylbenzene	ND		ug/L	1.00	1	03/20/07 03:22	SW846 8021B	7033204
Toluene	ND		ug/L	1.00	1	03/20/07 03:22	SW846 8021B	7033204
Xylenes, total	ND		ug/L	3.00	1	03/20/07 03:22	SW846 8021B	7033204
Surr: a,a,a-Trifluorotoluene (57-145%)	*96 %*					*03/20/07 03:22*	*SW846 8021B*	*7033204*
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	03/19/07 23:37	SW846 8260B	7033682
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	03/19/07 23:37	SW846 8260B	7033682
1,2-Dichloroethane	ND		ug/L	0.500	1	03/19/07 23:37	SW846 8260B	7033682
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	03/19/07 23:37	SW846 8260B	7033682
Diisopropyl Ether	ND		ug/L	0.500	1	03/19/07 23:37	SW846 8260B	7033682
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	03/19/07 23:37	SW846 8260B	7033682
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	03/19/07 23:37	SW846 8260B	7033682
Surr: 1,2-Dichloroethane-d4 (62-142%)	*110 %*					*03/19/07 23:37*	*SW846 8260B*	*7033682*
Surr: Dibromofluoromethane (78-123%)	*102 %*					*03/19/07 23:37*	*SW846 8260B*	*7033682*
Surr: Toluene-d8 (79-120%)	*92 %*					*03/19/07 23:37*	*SW846 8260B*	*7033682*
Surr: 4-Bromofluorobenzene (75-133%)	*92 %*					*03/19/07 23:37*	*SW846 8260B*	*7033682*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		ug/L	100	1	03/20/07 03:22	SW846 8015B	7033204
Surr: a,a,a-Trifluorotoluene (44-152%)	*96 %*					*03/20/07 03:22*	*SW846 8015B*	*7033204*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**52.9**		ug/L	50.0	1	03/19/07 15:18	SW846 8015B	7032575
Surr: o-Terphenyl (33-147%)	*90 %*					*03/19/07 15:18*	*SW846 8015B*	*7032575*

TestAmerica
ANALYTICAL TESTING CORPORATION
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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQC1731
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	03/13/07 08:10

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQC1731-04 (MW5 - Ground Water) Sampled: 03/08/07 14:30								
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		ug/L	1.00	1	03/20/07 05:03	SW846 8021B	7033204
Ethylbenzene	ND		ug/L	1.00	1	03/20/07 05:03	SW846 8021B	7033204
Toluene	ND		ug/L	1.00	1	03/20/07 05:03	SW846 8021B	7033204
Xylenes, total	ND		ug/L	3.00	1	03/20/07 05:03	SW846 8021B	7033204
Surr: a,a,a-Trifluorotoluene (57-145%)	*91 %*					*03/20/07 05:03*	*SW846 8021B*	*7033204*
Volatile Organic Compounds by EPA Method 8260B								
Tert-Amyl Methyl Ether	ND		ug/L	0.500	1	03/19/07 23:13	SW846 8260B	7033682
1,2-Dibromoethane (EDB)	ND		ug/L	0.500	1	03/19/07 23:13	SW846 8260B	7033682
1,2-Dichloroethane	ND		ug/L	0.500	1	03/19/07 23:13	SW846 8260B	7033682
Ethyl tert-Butyl Ether	ND		ug/L	0.500	1	03/19/07 23:13	SW846 8260B	7033682
Diisopropyl Ether	ND		ug/L	0.500	1	03/19/07 23:13	SW846 8260B	7033682
Methyl tert-Butyl Ether	ND		ug/L	0.500	1	03/19/07 23:13	SW846 8260B	7033682
Tertiary Butyl Alcohol	ND		ug/L	10.0	1	03/19/07 23:13	SW846 8260B	7033682
Surr: 1,2-Dichloroethane-d4 (62-142%)	*111 %*					*03/19/07 23:13*	*SW846 8260B*	*7033682*
Surr: Dibromofluoromethane (78-123%)	*102 %*					*03/19/07 23:13*	*SW846 8260B*	*7033682*
Surr: Toluene-d8 (79-120%)	*94 %*					*03/19/07 23:13*	*SW846 8260B*	*7033682*
Surr: 4-Bromofluorobenzene (75-133%)	*97 %*					*03/19/07 23:13*	*SW846 8260B*	*7033682*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**187**		ug/L	100	1	03/20/07 05:03	SW846 8015B	7033204
Surr: a,a,a-Trifluorotoluene (44-152%)	*91 %*					*03/20/07 05:03*	*SW846 8015B*	*7033204*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**59.2**		ug/L	50.0	1	03/19/07 15:35	SW846 8015B	7032575
Surr: o-Terphenyl (33-147%)	*62 %*					*03/19/07 15:35*	*SW846 8015B*	*7032575*

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ANALYTICAL TESTING CORPORATION
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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQC1731
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	03/13/07 08:10

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons with Silica Gel Treatment							
SW846 8015B	7032575	NQC1731-01	1000.00	1.00	03/15/07 07:00	LRW	EPA 3510C
SW846 8015B	7032575	NQC1731-02	1000.00	1.00	03/15/07 07:00	LRW	EPA 3510C
SW846 8015B	7032575	NQC1731-03	1000.00	1.00	03/15/07 07:00	LRW	EPA 3510C
SW846 8015B	7032575	NQC1731-04	1000.00	1.00	03/15/07 07:00	LRW	EPA 3510C

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQC1731
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	03/13/07 08:10

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7033204-BLK1						
Benzene	<0.610		ug/L	7033204	7033204-BLK1	03/19/07 23:36
Ethylbenzene	<0.460		ug/L	7033204	7033204-BLK1	03/19/07 23:36
Toluene	<0.600		ug/L	7033204	7033204-BLK1	03/19/07 23:36
Xylenes, total	<0.840		ug/L	7033204	7033204-BLK1	03/19/07 23:36
Surrogate: a,a,a-Trifluorotoluene	99%			7033204	7033204-BLK1	03/19/07 23:36
7033204-BLK2						
Benzene	<0.610		ug/L	7033204	7033204-BLK2	03/20/07 04:38
Ethylbenzene	<0.460		ug/L	7033204	7033204-BLK2	03/20/07 04:38
Toluene	<0.600		ug/L	7033204	7033204-BLK2	03/20/07 04:38
Xylenes, total	<0.840		ug/L	7033204	7033204-BLK2	03/20/07 04:38
Surrogate: a,a,a-Trifluorotoluene	96%			7033204	7033204-BLK2	03/20/07 04:38
Volatile Organic Compounds by EPA Method 8260B						
7033682-BLK1						
Tert-Amyl Methyl Ether	<0.200		ug/L	7033682	7033682-BLK1	03/19/07 18:46
1,2-Dibromoethane (EDB)	<0.320		ug/L	7033682	7033682-BLK1	03/19/07 18:46
1,2-Dichloroethane	<0.370		ug/L	7033682	7033682-BLK1	03/19/07 18:46
Ethyl tert-Butyl Ether	<0.210		ug/L	7033682	7033682-BLK1	03/19/07 18:46
Diisopropyl Ether	<0.210		ug/L	7033682	7033682-BLK1	03/19/07 18:46
Methyl tert-Butyl Ether	<0.190		ug/L	7033682	7033682-BLK1	03/19/07 18:46
Tertiary Butyl Alcohol	<4.07		ug/L	7033682	7033682-BLK1	03/19/07 18:46
Surrogate: 1,2-Dichloroethane-d4	112%			7033682	7033682-BLK1	03/19/07 18:46
Surrogate: Dibromofluoromethane	100%			7033682	7033682-BLK1	03/19/07 18:46
Surrogate: Toluene-d8	96%			7033682	7033682-BLK1	03/19/07 18:46
Surrogate: 4-Bromofluorobenzene	90%			7033682	7033682-BLK1	03/19/07 18:46
Purgeable Petroleum Hydrocarbons						
7033204-BLK1						
GRO as Gasoline	<43.0		ug/L	7033204	7033204-BLK1	03/19/07 23:36
Surrogate: a,a,a-Trifluorotoluene	99%			7033204	7033204-BLK1	03/19/07 23:36
7033204-BLK2						
GRO as Gasoline	<43.0		ug/L	7033204	7033204-BLK2	03/20/07 04:38
Surrogate: a,a,a-Trifluorotoluene	96%			7033204	7033204-BLK2	03/20/07 04:38
Extractable Petroleum Hydrocarbons with Silica Gel Treatment						
7032575-BLK1						
Diesel	<37.0		ug/L	7032575	7032575-BLK1	03/19/07 14:13
Surrogate: o-Terphenyl	82%			7032575	7032575-BLK1	03/19/07 14:13

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQC1731
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	03/13/07 08:10

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B								
7033204-BS1								
Benzene	100	101		ug/L	101%	74 - 127	7033204	03/20/07 09:14
Ethylbenzene	100	91.9		ug/L	92%	74 - 128	7033204	03/20/07 09:14
Toluene	100	98.3		ug/L	98%	74 - 126	7033204	03/20/07 09:14
Xylenes, total	200	190		ug/L	95%	74 - 129	7033204	03/20/07 09:14
Surrogate: a,a,a-Trifluorotoluene	30.0	28.8			96%	57 - 145	7033204	03/20/07 09:14
Volatile Organic Compounds by EPA Method 8260B								
7033682-BS1								
Tert-Amyl Methyl Ether	50.0	53.0		ug/L	106%	68 - 134	7033682	03/19/07 16:45
1,2-Dibromoethane (EDB)	50.0	49.2		ug/L	98%	83 - 128	7033682	03/19/07 16:45
1,2-Dichloroethane	50.0	56.3		ug/L	113%	71 - 132	7033682	03/19/07 16:45
Ethyl tert-Butyl Ether	50.0	51.7		ug/L	103%	69 - 130	7033682	03/19/07 16:45
Diisopropyl Ether	50.0	46.9		ug/L	94%	70 - 128	7033682	03/19/07 16:45
Methyl tert-Butyl Ether	50.0	48.5		ug/L	97%	64 - 129	7033682	03/19/07 16:45
Tertiary Butyl Alcohol	500	660		ug/L	132%	45 - 171	7033682	03/19/07 16:45
Surrogate: 1,2-Dichloroethane-d4	25.0	26.2			105%	62 - 142	7033682	03/19/07 16:45
Surrogate: Dibromofluoromethane	25.0	24.8			99%	78 - 123	7033682	03/19/07 16:45
Surrogate: Toluene-d8	25.0	23.1			92%	79 - 120	7033682	03/19/07 16:45
Surrogate: 4-Bromofluorobenzene	25.0	23.0			92%	75 - 133	7033682	03/19/07 16:45
Purgeable Petroleum Hydrocarbons								
7033204-BS2								
GRO as Gasoline	1000	984		ug/L	98%	58 - 138	7033204	03/20/07 09:39
Surrogate: a,a,a-Trifluorotoluene	30.0	24.7			82%	44 - 152	7033204	03/20/07 09:39
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
7032575-BS1								
Diesel	1000	780		ug/L	78%	38 - 123	7032575	03/19/07 14:29
Surrogate: o-Terphenyl	20.0	19.3			96%	33 - 147	7032575	03/19/07 14:29

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQC1731
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	03/13/07 08:10

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B										
7033204-MS1										
Benzene	ND	56.8		ug/L	50.0	114%	61 - 153	7033204	NQC1761-05	03/20/07 10:04
Ethylbenzene	ND	54.9		ug/L	50.0	110%	64 - 151	7033204	NQC1761-05	03/20/07 10:04
Toluene	ND	58.5		ug/L	50.0	117%	59 - 152	7033204	NQC1761-05	03/20/07 10:04
Xylenes, total	ND	112		ug/L	100	112%	62 - 153	7033204	NQC1761-05	03/20/07 10:04
Surrogate: a,a,a-Trifluorotoluene		31.2		ug/L	30.0	104%	57 - 145	7033204	NQC1761-05	03/20/07 10:04

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQC1731
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	03/13/07 08:10

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B												
7033204-MSD1												
Benzene	ND	59.3		ug/L	50.0	119%	61 - 153	4	30	7033204	NQC1761-05	03/20/07 10:30
Ethylbenzene	ND	56.5		ug/L	50.0	113%	64 - 151	3	30	7033204	NQC1761-05	03/20/07 10:30
Toluene	ND	60.4		ug/L	50.0	121%	59 - 152	3	46	7033204	NQC1761-05	03/20/07 10:30
Xylenes, total	ND	116		ug/L	100	116%	62 - 153	4	36	7033204	NQC1761-05	03/20/07 10:30
Surrogate: a,a,a-Trifluorotoluene		31.0		ug/L	30.0	103%	57 - 145			7033204	NQC1761-05	03/20/07 10:30

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQC1731
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	03/13/07 08:10

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	California
NA	Water			
SW846 8015B	Water	N/A	X	X
SW846 8021B	Water	N/A	X	X
SW846 8260B	Water	N/A	X	X

TestAmerica
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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQC1731
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	03/13/07 08:10

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte

TestAmerica
ANALYTICAL TESTING CORPORATION

NQC1731

Nashville Division
COOLER RECEIPT FORM BC#

Cooler Received/Opened On 3/13/07 @ 8:15

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 7084

Fed-Ex UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: 1.2 Degrees Celsius
(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 10594 90942856

3. Were custody seals on outside of cooler?..... YES...NO....NA

a. If yes, how many and where: 1 Front

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... JR

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag Paper Other_____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... JR

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... JR

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... JR

I certify that I attached a label with the unique LIMS number to each container (intial)..... JR

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #_____

BIS = Broken in shipment
Cooler Receipt Form

NQC1731

03/27/07 23:59

TestAmerica ANALYTICAL TESTING CORPORATION

Morgan Hill Division
885 Jarvis Drive
Morgan Hill, CA 95037

Phone: 408-776-9600
Fax: 408-782-6308

ExxonMobil

Consultant Name: ETIC Engineering, Inc.
Address: 2285 Morello Avenue
City/State/Zip: Pleasant Hill, CA 94523
ExxonMobil Project Mgr: Jennifer Sedlachek
Consultant Project Mgr: Erik Appel

Consultant Telephone Number: 925-602-4710 x21 or 925-250-4783 **Fax No.:** 925-602-4720
Sampler Name: (Print) [illegible]
Sampler Signature: [signature]

TA Account #:
Invoice To: (ExxonMobil PM unless otherwise indicated)
Report To:
PO #: 4508104331
PROJECT #:
Facility ID # 7-4121
Site Address 10605 Foothill Boulevard
City, State, Zip Oakland, CA
Regulatory District (CA)

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: TPH-g/TPH-d - EPA 8015B	BTEX - EPA 8021B	Oxygenates * - EPA 8260B								RUSH TAT (Pre-Schedule) *	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
MW-1	03-08-07	1305	8						6					2	X						X	X	X	NQC	1731	-1							
MW-2	03-08-07	1100	8						6					2	X						X	X	X				2							
MW-3	03-08-07	1505	8						6					2	X						X	X	X				3							
MW-5	03-08-07	1430	8						6					2	X						X	X	X				4							

Comments/Special Instructions:

*** Oxygenates = MTBE, TBA, DIPE, ETBE, TAME, EDB, AND 1,2-DCA**

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other

* It will be the responsibility of ExxonMobil or its consultant to notify the TestAmerica Project Manager by phone or fax that a rush sample will be submitted.
TA Project Manager: Date:

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	03-08-07	5:35	[signature] (TAMH)	3/9/07	1510
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
[signature]	3-9-07	1740	Andy Medina	3-9-07	1740
Andy Medina	3-12-07	1355			

3/13/07 8:10 1.2°C

Pedro Hufano

From: Christina Woodcock
Sent: Monday, March 12, 2007 9:08 AM
To: Evangeline Blanco; Pedro Hufano
Cc: Jim Hatfield
Subject: ETIC 7-4121 3-8
Attachments: ETIC 7-4121 3-8.pdf

send to Nashville

Christina Woodcock
Project Manager - Morgan Hill, CA Facility
Direct line: 408.782.8154
cwoodcock@testamericainc.com

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

February 08, 2007 4:11:33PM

Client: ETIC Engineering Pleasant Hill (10236)
2285 Morello Avenue
Pleasant Hill, CA 94523
Attn: Erik Appel

Work Order: NQA2762
Project Name: Exxon 7-4121
Project Nbr: 7-4121
P/O Nbr: 4508104331
Date Received: 01/26/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW1 @ 6-6.5	NQA2762-01	01/23/07 08:35
MW1 @ 8-8.5	NQA2762-02	01/23/07 08:45
MW1 @ 10-10.5	NQA2762-03	01/23/07 08:50
MW1 @ 11.5-12	NQA2762-04	01/23/07 08:54
MW1 @ 12-12.5	NQA2762-05	01/23/07 08:55
MW1 @ 14-14.5	NQA2762-06	01/23/07 08:55
MW1 @ 15.5-16	NQA2762-07	01/23/07 09:05
MW1 @ 16-16.5	NQA2762-08	01/23/07 09:05
MW1 @ 17.5-18	NQA2762-09	01/23/07 09:08
MW1 @ 18-18.5	NQA2762-10	01/23/07 09:08
MW1 @ 19.5-20	NQA2762-11	01/23/07 09:10
MW1 @ 20-20.5	NQA2762-12	01/23/07 09:10
MW1 @ 22-22.5	NQA2762-13	01/23/07 09:20
MW2 @ 6-6.5	NQA2762-14	01/23/07 11:00
MW2 @ 8-8.5	NQA2762-15	01/23/07 11:10
MW2 @ 10-10.5	NQA2762-16	01/23/07 11:15
MW2 @ 12-12.5	NQA2762-17	01/23/07 11:20
MW2 @ 14-14.5	NQA2762-18	01/23/07 11:23
MW2 @ 15.5-16	NQA2762-19	01/23/07 11:30
MW2 @ 16-16.5	NQA2762-20	01/23/07 11:30
MW2 @ 18-18.5	NQA2762-21	01/23/07 11:35
MW2 @ 19.5-20	NQA2762-22	01/23/07 11:35
MW2 @ 20-20.5	NQA2762-23	01/23/07 11:35
MW2 @ 21.5-22	NQA2762-24	01/23/07 11:45
MW2 @ 22-22.5	NQA2762-25	01/23/07 11:45
MW2 @ 23.5-24	NQA2762-26	01/23/07 11:48

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

MW2 @ 24-24.5	NQA2762-27	01/23/07 11:48
MW2 @ 26-26.5	NQA2762-28	01/23/07 11:50
MW5 @ 6-6.5	NQA2762-29	01/23/07 14:15
MW5 @ 8-8.5	NQA2762-30	01/23/07 14:20
MW5 @ 10-10.5	NQA2762-31	01/23/07 14:22
MW5 @ 12-12.5	NQA2762-32	01/23/07 14:26
MW5 @ 14-14.5	NQA2762-33	01/23/07 14:32
MW5 @ 16-16.5	NQA2762-34	01/23/07 14:35
MW5 @ 18-18.5	NQA2762-35	01/23/07 14:40
MW5 @ 19.5-20	NQA2762-36	01/23/07 14:45
MW5 @ 20-20.5	NQA2762-37	01/23/07 14:45
MW5 @ 22-22.5	NQA2762-38	01/23/07 14:48
MW5 @ 24-24.5	NQA2762-39	01/23/07 14:53
MW5 @ 26-26.5	NQA2762-40	01/23/07 14:56

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. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

The Chain(s) of Custody, 6 pages, are included and are an integral part of this report.

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

Estimated uncertainity is available upon request.

This report has been electronically signed.

Report Approved By:

Jim Hatfield

Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-01 (MW1 @ 6-6.5 - Soil) Sampled: 01/23/07 08:35								
General Chemistry Parameters								
% Dry Solids	**89.4**		%	0.500	1	02/07/07 14:44	SW-846	7020807
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.000992	1	01/30/07 03:38	SW846 8021B	7014161
Ethylbenzene	ND		mg/kg	0.000992	1	01/30/07 03:38	SW846 8021B	7014161
Toluene	ND		mg/kg	0.000992	1	01/30/07 03:38	SW846 8021B	7014161
Xylenes, total	ND		mg/kg	0.00298	1	01/30/07 03:38	SW846 8021B	7014161
Surr: a,a,a-Trifluorotoluene (59-159%)	*95 %*					*01/30/07 03:38*	*SW846 8021B*	*7014161*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 03:10	SW846 8260B	7014137
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 03:10	SW846 8260B	7014137
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 03:10	SW846 8260B	7014137
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 03:10	SW846 8260B	7014137
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 03:10	SW846 8260B	7014137
Toluene	ND		mg/kg	0.00200	1	01/27/07 03:10	SW846 8260B	7014137
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 03:10	SW846 8260B	7014137
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 03:10	SW846 8260B	7014137
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 03:10	SW846 8260B	7014137
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 03:10	SW846 8260B	7014137
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 03:10	SW846 8260B	7014137
Surr: 1,2-Dichloroethane-d4 (54-145%)	*98 %*					*01/27/07 03:10*	*SW846 8260B*	*7014137*
Surr: Dibromofluoromethane (67-129%)	*105 %*					*01/27/07 03:10*	*SW846 8260B*	*7014137*
Surr: Toluene-d8 (66-142%)	*120 %*					*01/27/07 03:10*	*SW846 8260B*	*7014137*
Surr: 4-Bromofluorobenzene (68-150%)	*110 %*					*01/27/07 03:10*	*SW846 8260B*	*7014137*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.0992	1	01/30/07 03:38	SW846 8015B	7014161
Surr: a,a,a-Trifluorotoluene (66-146%)	*95 %*					*01/30/07 03:38*	*SW846 8015B*	*7014161*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.95	1	02/03/07 17:47	SW846 8015B	7014310
Surr: o-Terphenyl (32-132%)	*111 %*					*02/03/07 17:47*	*SW846 8015B*	*7014310*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-02 (MW1 @ 8-8.5 - Soil) Sampled: 01/23/07 08:45								
General Chemistry Parameters								
% Dry Solids	**84.2**		%	0.500	1	02/07/07 14:44	SW-846	7020807
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.000994	1	01/30/07 03:59	SW846 8021B	7014161
Ethylbenzene	ND		mg/kg	0.000994	1	01/30/07 03:59	SW846 8021B	7014161
Toluene	ND		mg/kg	0.000994	1	01/30/07 03:59	SW846 8021B	7014161
Xylenes, total	ND		mg/kg	0.00298	1	01/30/07 03:59	SW846 8021B	7014161
Surr: a,a,a-Trifluorotoluene (59-159%)	*98 %*					*01/30/07 03:59*	*SW846 8021B*	*7014161*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 03:41	SW846 8260B	7014137
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 03:41	SW846 8260B	7014137
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 03:41	SW846 8260B	7014137
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 03:41	SW846 8260B	7014137
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 03:41	SW846 8260B	7014137
Toluene	ND		mg/kg	0.00200	1	01/27/07 03:41	SW846 8260B	7014137
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 03:41	SW846 8260B	7014137
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 03:41	SW846 8260B	7014137
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 03:41	SW846 8260B	7014137
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 03:41	SW846 8260B	7014137
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 03:41	SW846 8260B	7014137
Surr: 1,2-Dichloroethane-d4 (54-145%)	*98 %*					*01/27/07 03:41*	*SW846 8260B*	*7014137*
Surr: Dibromofluoromethane (67-129%)	*106 %*					*01/27/07 03:41*	*SW846 8260B*	*7014137*
Surr: Toluene-d8 (66-142%)	*120 %*					*01/27/07 03:41*	*SW846 8260B*	*7014137*
Surr: 4-Bromofluorobenzene (68-150%)	*108 %*					*01/27/07 03:41*	*SW846 8260B*	*7014137*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND	C	mg/kg	0.0994	1	01/30/07 03:59	SW846 8015B	7014161
Surr: a,a,a-Trifluorotoluene (66-146%)	*98 %*					*01/30/07 03:59*	*SW846 8015B*	*7014161*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.91	1	02/03/07 18:05	SW846 8015B	7014310
Surr: o-Terphenyl (32-132%)	*95 %*					*02/03/07 18:05*	*SW846 8015B*	*7014310*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-03 (MW1 @ 10-10.5 - Soil) Sampled: 01/23/07 08:50								
General Chemistry Parameters								
% Dry Solids	**82.2**		%	0.500	1	02/07/07 14:44	SW-846	7020807
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.00100	1	01/30/07 04:20	SW846 8021B	7014161
Ethylbenzene	ND		mg/kg	0.00100	1	01/30/07 04:20	SW846 8021B	7014161
Toluene	ND		mg/kg	0.00100	1	01/30/07 04:20	SW846 8021B	7014161
Xylenes, total	ND		mg/kg	0.00300	1	01/30/07 04:20	SW846 8021B	7014161
Surr: a,a,a-Trifluorotoluene (59-159%)	*95 %*					*01/30/07 04:20*	*SW846 8021B*	*7014161*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 04:12	SW846 8260B	7014137
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 04:12	SW846 8260B	7014137
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 04:12	SW846 8260B	7014137
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 04:12	SW846 8260B	7014137
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 04:12	SW846 8260B	7014137
Toluene	ND		mg/kg	0.00200	1	01/27/07 04:12	SW846 8260B	7014137
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 04:12	SW846 8260B	7014137
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 04:12	SW846 8260B	7014137
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 04:12	SW846 8260B	7014137
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 04:12	SW846 8260B	7014137
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 04:12	SW846 8260B	7014137
Surr: 1,2-Dichloroethane-d4 (54-145%)	*98 %*					*01/27/07 04:12*	*SW846 8260B*	*7014137*
Surr: Dibromofluoromethane (67-129%)	*107 %*					*01/27/07 04:12*	*SW846 8260B*	*7014137*
Surr: Toluene-d8 (66-142%)	*119 %*					*01/27/07 04:12*	*SW846 8260B*	*7014137*
Surr: 4-Bromofluorobenzene (68-150%)	*108 %*					*01/27/07 04:12*	*SW846 8260B*	*7014137*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.100	1	01/30/07 04:20	SW846 8015B	7014161
Surr: a,a,a-Trifluorotoluene (66-146%)	*95 %*					*01/30/07 04:20*	*SW846 8015B*	*7014161*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.88	1	02/03/07 18:23	SW846 8015B	7014310
Surr: o-Terphenyl (32-132%)	*106 %*					*02/03/07 18:23*	*SW846 8015B*	*7014310*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-04 (MW1 @ 11.5-12 - Soil) Sampled: 01/23/07 08:54								
General Chemistry Parameters								
% Dry Solids	**81.2**		%	0.500	1	02/07/07 14:44	SW-846	7020807
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.000994	1	01/31/07 12:30	SW846 8021B	7014911
Ethylbenzene	ND		mg/kg	0.000994	1	01/31/07 12:30	SW846 8021B	7014911
Toluene	ND		mg/kg	0.000994	1	01/31/07 12:30	SW846 8021B	7014911
Xylenes, total	ND		mg/kg	0.00298	1	01/31/07 12:30	SW846 8021B	7014911
Surr: a,a,a-Trifluorotoluene (59-159%)	*101 %*					*01/31/07 12:30*	*SW846 8021B*	*7014911*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 04:43	SW846 8260B	7014137
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 04:43	SW846 8260B	7014137
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 04:43	SW846 8260B	7014137
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 04:43	SW846 8260B	7014137
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 04:43	SW846 8260B	7014137
Toluene	ND		mg/kg	0.00200	1	01/27/07 04:43	SW846 8260B	7014137
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 04:43	SW846 8260B	7014137
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 04:43	SW846 8260B	7014137
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 04:43	SW846 8260B	7014137
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 04:43	SW846 8260B	7014137
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 04:43	SW846 8260B	7014137
Surr: 1,2-Dichloroethane-d4 (54-145%)	*101 %*					*01/27/07 04:43*	*SW846 8260B*	*7014137*
Surr: Dibromofluoromethane (67-129%)	*107 %*					*01/27/07 04:43*	*SW846 8260B*	*7014137*
Surr: Toluene-d8 (66-142%)	*118 %*					*01/27/07 04:43*	*SW846 8260B*	*7014137*
Surr: 4-Bromofluorobenzene (68-150%)	*106 %*					*01/27/07 04:43*	*SW846 8260B*	*7014137*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.0994	1	01/31/07 12:30	SW846 8015B	7014911
Surr: a,a,a-Trifluorotoluene (66-146%)	*101 %*					*01/31/07 12:30*	*SW846 8015B*	*7014911*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.91	1	02/03/07 18:41	SW846 8015B	7014310
Surr: o-Terphenyl (32-132%)	*99 %*					*02/03/07 18:41*	*SW846 8015B*	*7014310*
Sample ID: NQA2762-05 (MW1 @ 12-12.5 - Soil) Sampled: 01/23/07 08:55								
General Chemistry Parameters								
% Dry Solids	**86.5**		%	0.500	1	02/07/07 14:44	SW-846	7020807
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.000996	1	01/30/07 05:02	SW846 8021B	7014161
Ethylbenzene	ND		mg/kg	0.000996	1	01/30/07 05:02	SW846 8021B	7014161
Toluene	ND		mg/kg	0.000996	1	01/30/07 05:02	SW846 8021B	7014161
Xylenes, total	ND		mg/kg	0.00299	1	01/30/07 05:02	SW846 8021B	7014161
Surr: a,a,a-Trifluorotoluene (59-159%)	*95 %*					*01/30/07 05:02*	*SW846 8021B*	*7014161*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 05:14	SW846 8260B	7014137

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-05 (MW1 @ 12-12.5 - Soil) - cont. Sampled: 01/23/07 08:55								
Volatile Organic Compounds by EPA Method 8260B - cont.								
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 05:14	SW846 8260B	7014137
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 05:14	SW846 8260B	7014137
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 05:14	SW846 8260B	7014137
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 05:14	SW846 8260B	7014137
Toluene	**0.00211**		mg/kg	0.00200	1	01/27/07 05:14	SW846 8260B	7014137
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 05:14	SW846 8260B	7014137
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 05:14	SW846 8260B	7014137
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 05:14	SW846 8260B	7014137
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 05:14	SW846 8260B	7014137
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 05:14	SW846 8260B	7014137
Surr: 1,2-Dichloroethane-d4 (54-145%)	*101 %*					*01/27/07 05:14*	*SW846 8260B*	*7014137*
Surr: Dibromofluoromethane (67-129%)	*106 %*					*01/27/07 05:14*	*SW846 8260B*	*7014137*
Surr: Toluene-d8 (66-142%)	*120 %*					*01/27/07 05:14*	*SW846 8260B*	*7014137*
Surr: 4-Bromofluorobenzene (68-150%)	*108 %*					*01/27/07 05:14*	*SW846 8260B*	*7014137*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.0996	1	01/30/07 05:02	SW846 8015B	7014161
Surr: a,a,a-Trifluorotoluene (66-146%)	*95 %*					*01/30/07 05:02*	*SW846 8015B*	*7014161*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.93	1	02/03/07 19:00	SW846 8015B	7014310
Surr: o-Terphenyl (32-132%)	*93 %*					*02/03/07 19:00*	*SW846 8015B*	*7014310*
Sample ID: NQA2762-06 (MW1 @ 14-14.5 - Soil) Sampled: 01/23/07 08:55								
General Chemistry Parameters								
% Dry Solids	**83.8**		%	0.500	1	02/07/07 14:44	SW-846	7020807
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.00101	1	01/30/07 05:23	SW846 8021B	7014161
Ethylbenzene	ND		mg/kg	0.00101	1	01/30/07 05:23	SW846 8021B	7014161
Toluene	ND		mg/kg	0.00101	1	01/30/07 05:23	SW846 8021B	7014161
Xylenes, total	ND		mg/kg	0.00302	1	01/30/07 05:23	SW846 8021B	7014161
Surr: a,a,a-Trifluorotoluene (59-159%)	*98 %*					*01/30/07 05:23*	*SW846 8021B*	*7014161*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 05:45	SW846 8260B	7014137
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 05:45	SW846 8260B	7014137
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 05:45	SW846 8260B	7014137
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 05:45	SW846 8260B	7014137
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 05:45	SW846 8260B	7014137
Toluene	ND		mg/kg	0.00200	1	01/27/07 05:45	SW846 8260B	7014137
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 05:45	SW846 8260B	7014137
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 05:45	SW846 8260B	7014137
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 05:45	SW846 8260B	7014137
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 05:45	SW846 8260B	7014137
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 05:45	SW846 8260B	7014137

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-06 (MW1 @ 14-14.5 - Soil) - cont. Sampled: 01/23/07 08:55								
Selected Volatile Organic Compounds by EPA Method 8260B - cont.								
Surr: 1,2-Dichloroethane-d4 (54-145%)	*103 %*					*01/27/07 05:45*	*SW846 8260B*	*7014137*
Surr: Dibromofluoromethane (67-129%)	*108 %*					*01/27/07 05:45*	*SW846 8260B*	*7014137*
Surr: Toluene-d8 (66-142%)	*118 %*					*01/27/07 05:45*	*SW846 8260B*	*7014137*
Surr: 4-Bromofluorobenzene (68-150%)	*106 %*					*01/27/07 05:45*	*SW846 8260B*	*7014137*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND	C	mg/kg	0.101	1	01/30/07 05:23	SW846 8015B	7014161
Surr: a,a,a-Trifluorotoluene (66-146%)	*98 %*					*01/30/07 05:23*	*SW846 8015B*	*7014161*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.89	1	02/03/07 19:18	SW846 8015B	7014310
Surr: o-Terphenyl (32-132%)	*89 %*					*02/03/07 19:18*	*SW846 8015B*	*7014310*
Sample ID: NQA2762-07 (MW1 @ 15.5-16 - Soil) Sampled: 01/23/07 09:05								
General Chemistry Parameters								
% Dry Solids	**82.4**		%	0.500	1	02/07/07 14:44	SW-846	7020807
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.00100	1	01/30/07 08:43	SW846 8021B	7014161
Ethylbenzene	ND		mg/kg	0.00100	1	01/30/07 08:43	SW846 8021B	7014161
Toluene	ND		mg/kg	0.00100	1	01/30/07 08:43	SW846 8021B	7014161
Xylenes, total	ND		mg/kg	0.00300	1	01/30/07 08:43	SW846 8021B	7014161
Surr: a,a,a-Trifluorotoluene (59-159%)	*101 %*					*01/30/07 08:43*	*SW846 8021B*	*7014161*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 06:16	SW846 8260B	7014137
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 06:16	SW846 8260B	7014137
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 06:16	SW846 8260B	7014137
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 06:16	SW846 8260B	7014137
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 06:16	SW846 8260B	7014137
Toluene	ND		mg/kg	0.00200	1	01/27/07 06:16	SW846 8260B	7014137
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 06:16	SW846 8260B	7014137
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 06:16	SW846 8260B	7014137
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 06:16	SW846 8260B	7014137
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 06:16	SW846 8260B	7014137
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 06:16	SW846 8260B	7014137
Surr: 1,2-Dichloroethane-d4 (54-145%)	*101 %*					*01/27/07 06:16*	*SW846 8260B*	*7014137*
Surr: Dibromofluoromethane (67-129%)	*106 %*					*01/27/07 06:16*	*SW846 8260B*	*7014137*
Surr: Toluene-d8 (66-142%)	*120 %*					*01/27/07 06:16*	*SW846 8260B*	*7014137*
Surr: 4-Bromofluorobenzene (68-150%)	*106 %*					*01/27/07 06:16*	*SW846 8260B*	*7014137*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.100	1	01/30/07 08:43	SW846 8015B	7014161
Surr: a,a,a-Trifluorotoluene (66-146%)	*101 %*					*01/30/07 08:43*	*SW846 8015B*	*7014161*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.96	1	02/03/07 19:36	SW846 8015B	7014310
Surr: o-Terphenyl (32-132%)	*80 %*					*02/03/07 19:36*	*SW846 8015B*	*7014310*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-07 (MW1 @ 15.5-16 - Soil) - cont. Sampled: 01/23/07 09:05								
Sample ID: NQA2762-08 (MW1 @ 16-16.5 - Soil) Sampled: 01/23/07 09:05								
General Chemistry Parameters								
% Dry Solids	**78.2**		%	0.500	1	02/07/07 14:44	SW-846	7020807
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.000990	1	01/30/07 09:04	SW846 8021B	7014161
Ethylbenzene	ND		mg/kg	0.000990	1	01/30/07 09:04	SW846 8021B	7014161
Toluene	**0.00121**		mg/kg	0.000990	1	01/30/07 09:04	SW846 8021B	7014161
Xylenes, total	ND		mg/kg	0.00297	1	01/30/07 09:04	SW846 8021B	7014161
Surr: a,a,a-Trifluorotoluene (59-159%)	*100 %*					*01/30/07 09:04*	*SW846 8021B*	*7014161*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/30/07 07:01	SW846 8260B	7014139
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/30/07 07:01	SW846 8260B	7014139
Ethylbenzene	ND		mg/kg	0.00200	1	01/30/07 07:01	SW846 8260B	7014139
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/30/07 07:01	SW846 8260B	7014139
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/30/07 07:01	SW846 8260B	7014139
Toluene	ND		mg/kg	0.00200	1	01/30/07 07:01	SW846 8260B	7014139
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/30/07 07:01	SW846 8260B	7014139
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/30/07 07:01	SW846 8260B	7014139
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/30/07 07:01	SW846 8260B	7014139
Xylenes, total	ND		mg/kg	0.00500	1	01/30/07 07:01	SW846 8260B	7014139
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/30/07 07:01	SW846 8260B	7014139
Surr: 1,2-Dichloroethane-d4 (54-145%)	*105 %*					*01/30/07 07:01*	*SW846 8260B*	*7014139*
Surr: Dibromofluoromethane (67-129%)	*108 %*					*01/30/07 07:01*	*SW846 8260B*	*7014139*
Surr: Toluene-d8 (66-142%)	*119 %*					*01/30/07 07:01*	*SW846 8260B*	*7014139*
Surr: 4-Bromofluorobenzene (68-150%)	*108 %*					*01/30/07 07:01*	*SW846 8260B*	*7014139*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND	C	mg/kg	0.0990	1	01/30/07 09:04	SW846 8015B	7014161
Surr: a,a,a-Trifluorotoluene (66-146%)	*100 %*					*01/30/07 09:04*	*SW846 8015B*	*7014161*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.92	1	02/03/07 19:54	SW846 8015B	7014310
Surr: o-Terphenyl (32-132%)	*95 %*					*02/03/07 19:54*	*SW846 8015B*	*7014310*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-09 (MW1 @ 17.5-18 - Soil) Sampled: 01/23/07 09:08								
General Chemistry Parameters								
% Dry Solids	**81.3**		%	0.500	1	02/07/07 14:44	SW-846	7020807
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00857**		mg/kg	0.00100	1	01/30/07 09:25	SW846 8021B	7014161
Ethylbenzene	**0.00126**		mg/kg	0.00100	1	01/30/07 09:25	SW846 8021B	7014161
Toluene	**0.00493**		mg/kg	0.00100	1	01/30/07 09:25	SW846 8021B	7014161
Xylenes, total	**0.00459**		mg/kg	0.00300	1	01/30/07 09:25	SW846 8021B	7014161
Surr: a,a,a-Trifluorotoluene (59-159%)	*98 %*					*01/30/07 09:25*	*SW846 8021B*	*7014161*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 07:18	SW846 8260B	7014137
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 07:18	SW846 8260B	7014137
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 07:18	SW846 8260B	7014137
Methyl tert-Butyl Ether	ND	ID2	mg/kg	0.00200	1	01/27/07 07:18	SW846 8260B	7014137
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 07:18	SW846 8260B	7014137
Toluene	**0.00221**		mg/kg	0.00200	1	01/27/07 07:18	SW846 8260B	7014137
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 07:18	SW846 8260B	7014137
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 07:18	SW846 8260B	7014137
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 07:18	SW846 8260B	7014137
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 07:18	SW846 8260B	7014137
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 07:18	SW846 8260B	7014137
Surr: 1,2-Dichloroethane-d4 (54-145%)	*103 %*					*01/27/07 07:18*	*SW846 8260B*	*7014137*
Surr: Dibromofluoromethane (67-129%)	*106 %*					*01/27/07 07:18*	*SW846 8260B*	*7014137*
Surr: Toluene-d8 (66-142%)	*118 %*					*01/27/07 07:18*	*SW846 8260B*	*7014137*
Surr: 4-Bromofluorobenzene (68-150%)	*109 %*					*01/27/07 07:18*	*SW846 8260B*	*7014137*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**0.720**		mg/kg	0.100	1	01/30/07 09:25	SW846 8015B	7014161
Surr: a,a,a-Trifluorotoluene (66-146%)	*98 %*					*01/30/07 09:25*	*SW846 8015B*	*7014161*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.97	1	02/03/07 20:12	SW846 8015B	7014310
Surr: o-Terphenyl (32-132%)	*87 %*					*02/03/07 20:12*	*SW846 8015B*	*7014310*

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-10 (MW1 @ 18-18.5 - Soil) Sampled: 01/23/07 09:08								
General Chemistry Parameters								
% Dry Solids	**80.4**		%	0.500	1	02/07/07 14:44	SW-846	7020807
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.00100	1	01/30/07 10:14	SW846 8021B	7014161
Ethylbenzene	ND		mg/kg	0.00100	1	01/30/07 10:14	SW846 8021B	7014161
Toluene	**0.00128**		mg/kg	0.00100	1	01/30/07 10:14	SW846 8021B	7014161
Xylenes, total	ND		mg/kg	0.00301	1	01/30/07 10:14	SW846 8021B	7014161
Surr: a,a,a-Trifluorotoluene (59-159%)	*95 %*					*01/30/07 10:14*	*SW846 8021B*	*7014161*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 07:49	SW846 8260B	7014137
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 07:49	SW846 8260B	7014137
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 07:49	SW846 8260B	7014137
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 07:49	SW846 8260B	7014137
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 07:49	SW846 8260B	7014137
Toluene	ND		mg/kg	0.00200	1	01/27/07 07:49	SW846 8260B	7014137
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 07:49	SW846 8260B	7014137
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 07:49	SW846 8260B	7014137
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 07:49	SW846 8260B	7014137
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 07:49	SW846 8260B	7014137
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 07:49	SW846 8260B	7014137
Surr: 1,2-Dichloroethane-d4 (54-145%)	*102 %*					*01/27/07 07:49*	*SW846 8260B*	*7014137*
Surr: Dibromofluoromethane (67-129%)	*107 %*					*01/27/07 07:49*	*SW846 8260B*	*7014137*
Surr: Toluene-d8 (66-142%)	*120 %*					*01/27/07 07:49*	*SW846 8260B*	*7014137*
Surr: 4-Bromofluorobenzene (68-150%)	*106 %*					*01/27/07 07:49*	*SW846 8260B*	*7014137*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.100	1	01/30/07 10:14	SW846 8015B	7014161
Surr: a,a,a-Trifluorotoluene (66-146%)	*95 %*					*01/30/07 10:14*	*SW846 8015B*	*7014161*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.88	1	02/03/07 21:06	SW846 8015B	7014310
Surr: o-Terphenyl (32-132%)	*86 %*					*02/03/07 21:06*	*SW846 8015B*	*7014310*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-11 (MW1 @ 19.5-20 - Soil) Sampled: 01/23/07 09:10								
General Chemistry Parameters								
% Dry Solids	**88.1**		%	0.500	1	02/07/07 14:44	SW-846	7020807
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.00101	1	01/30/07 10:57	SW846 8021B	7014161
Ethylbenzene	ND		mg/kg	0.00101	1	01/30/07 10:57	SW846 8021B	7014161
Toluene	ND		mg/kg	0.00101	1	01/30/07 10:57	SW846 8021B	7014161
Xylenes, total	**0.00413**		mg/kg	0.00302	1	01/30/07 10:57	SW846 8021B	7014161
Surr: a,a,a-Trifluorotoluene (59-159%)	*93 %*					*01/30/07 10:57*	*SW846 8021B*	*7014161*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 08:20	SW846 8260B	7014137
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 08:20	SW846 8260B	7014137
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 08:20	SW846 8260B	7014137
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 08:20	SW846 8260B	7014137
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 08:20	SW846 8260B	7014137
Toluene	ND		mg/kg	0.00200	1	01/27/07 08:20	SW846 8260B	7014137
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 08:20	SW846 8260B	7014137
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 08:20	SW846 8260B	7014137
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 08:20	SW846 8260B	7014137
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 08:20	SW846 8260B	7014137
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 08:20	SW846 8260B	7014137
Surr: 1,2-Dichloroethane-d4 (54-145%)	*111 %*					*01/27/07 08:20*	*SW846 8260B*	*7014137*
Surr: Dibromofluoromethane (67-129%)	*107 %*					*01/27/07 08:20*	*SW846 8260B*	*7014137*
Surr: Toluene-d8 (66-142%)	*116 %*					*01/27/07 08:20*	*SW846 8260B*	*7014137*
Surr: 4-Bromofluorobenzene (68-150%)	*110 %*					*01/27/07 08:20*	*SW846 8260B*	*7014137*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**0.454**		mg/kg	0.101	1	01/30/07 10:57	SW846 8015B	7014161
Surr: a,a,a-Trifluorotoluene (66-146%)	*93 %*					*01/30/07 10:57*	*SW846 8015B*	*7014161*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.92	1	02/03/07 21:24	SW846 8015B	7014310
Surr: o-Terphenyl (32-132%)	*92 %*					*02/03/07 21:24*	*SW846 8015B*	*7014310*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-12 (MW1 @ 20-20.5 - Soil) Sampled: 01/23/07 09:10								
General Chemistry Parameters								
% Dry Solids	**85.4**		%	0.500	1	02/07/07 14:44	SW-846	7020807
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00128**		mg/kg	0.00101	1	01/30/07 11:18	SW846 8021B	7014161
Ethylbenzene	**0.00220**		mg/kg	0.00101	1	01/30/07 11:18	SW846 8021B	7014161
Toluene	**0.00387**		mg/kg	0.00101	1	01/30/07 11:18	SW846 8021B	7014161
Xylenes, total	**0.0120**		mg/kg	0.00303	1	01/30/07 11:18	SW846 8021B	7014161
Surr: a,a,a-Trifluorotoluene (59-159%)	*99 %*					*01/30/07 11:18*	*SW846 8021B*	*7014161*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 08:50	SW846 8260B	7014137
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 08:50	SW846 8260B	7014137
Ethylbenzene	**0.00202**		mg/kg	0.00200	1	01/27/07 08:50	SW846 8260B	7014137
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 08:50	SW846 8260B	7014137
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 08:50	SW846 8260B	7014137
Toluene	**0.00403**		mg/kg	0.00200	1	01/27/07 08:50	SW846 8260B	7014137
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 08:50	SW846 8260B	7014137
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 08:50	SW846 8260B	7014137
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 08:50	SW846 8260B	7014137
Xylenes, total	**0.00546**		mg/kg	0.00500	1	01/27/07 08:50	SW846 8260B	7014137
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 08:50	SW846 8260B	7014137
Surr: 1,2-Dichloroethane-d4 (54-145%)	*109 %*					*01/27/07 08:50*	*SW846 8260B*	*7014137*
Surr: Dibromofluoromethane (67-129%)	*105 %*					*01/27/07 08:50*	*SW846 8260B*	*7014137*
Surr: Toluene-d8 (66-142%)	*116 %*					*01/27/07 08:50*	*SW846 8260B*	*7014137*
Surr: 4-Bromofluorobenzene (68-150%)	*113 %*					*01/27/07 08:50*	*SW846 8260B*	*7014137*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**1.38**		mg/kg	0.101	1	01/30/07 11:18	SW846 8015B	7014161
Surr: a,a,a-Trifluorotoluene (66-146%)	*99 %*					*01/30/07 11:18*	*SW846 8015B*	*7014161*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.85	1	02/03/07 21:42	SW846 8015B	7014310
Surr: o-Terphenyl (32-132%)	*98 %*					*02/03/07 21:42*	*SW846 8015B*	*7014310*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-13 (MW1 @ 22-22.5 - Soil) Sampled: 01/23/07 09:20								
General Chemistry Parameters								
% Dry Solids	**79.7**		%	0.500	1	02/07/07 14:44	SW-846	7020807
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00539**		mg/kg	0.00101	1	01/30/07 11:39	SW846 8021B	7014161
Ethylbenzene	**0.00471**		mg/kg	0.00101	1	01/30/07 11:39	SW846 8021B	7014161
Toluene	**0.00651**		mg/kg	0.00101	1	01/30/07 11:39	SW846 8021B	7014161
Xylenes, total	**0.0336**		mg/kg	0.00303	1	01/30/07 11:39	SW846 8021B	7014161
Surr: a,a,a-Trifluorotoluene (59-159%)	*98 %*					*01/30/07 11:39*	*SW846 8021B*	*7014161*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 09:21	SW846 8260B	7014137
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 09:21	SW846 8260B	7014137
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 09:21	SW846 8260B	7014137
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 09:21	SW846 8260B	7014137
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 09:21	SW846 8260B	7014137
Toluene	ND		mg/kg	0.00200	1	01/27/07 09:21	SW846 8260B	7014137
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 09:21	SW846 8260B	7014137
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 09:21	SW846 8260B	7014137
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 09:21	SW846 8260B	7014137
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 09:21	SW846 8260B	7014137
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 09:21	SW846 8260B	7014137
Surr: 1,2-Dichloroethane-d4 (54-145%)	*112 %*					*01/27/07 09:21*	*SW846 8260B*	*7014137*
Surr: Dibromofluoromethane (67-129%)	*105 %*					*01/27/07 09:21*	*SW846 8260B*	*7014137*
Surr: Toluene-d8 (66-142%)	*114 %*					*01/27/07 09:21*	*SW846 8260B*	*7014137*
Surr: 4-Bromofluorobenzene (68-150%)	*132 %*					*01/27/07 09:21*	*SW846 8260B*	*7014137*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**3.92**		mg/kg	0.101	1	01/30/07 11:39	SW846 8015B	7014161
Surr: a,a,a-Trifluorotoluene (66-146%)	*98 %*					*01/30/07 11:39*	*SW846 8015B*	*7014161*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.91	1	02/03/07 22:01	SW846 8015B	7014310
Surr: o-Terphenyl (32-132%)	*103 %*					*02/03/07 22:01*	*SW846 8015B*	*7014310*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-14 (MW2 @ 6-6.5 - Soil) Sampled: 01/23/07 11:00								
General Chemistry Parameters								
% Dry Solids	**82.4**		%	0.500	1	02/07/07 14:44	SW-846	7020807
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.00100	1	01/30/07 12:00	SW846 8021B	7014161
Ethylbenzene	ND		mg/kg	0.00100	1	01/30/07 12:00	SW846 8021B	7014161
Toluene	ND		mg/kg	0.00100	1	01/30/07 12:00	SW846 8021B	7014161
Xylenes, total	ND		mg/kg	0.00301	1	01/30/07 12:00	SW846 8021B	7014161
Surr: a,a,a-Trifluorotoluene (59-159%)	*99 %*					*01/30/07 12:00*	*SW846 8021B*	*7014161*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 09:52	SW846 8260B	7014137
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 09:52	SW846 8260B	7014137
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 09:52	SW846 8260B	7014137
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 09:52	SW846 8260B	7014137
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 09:52	SW846 8260B	7014137
Toluene	ND		mg/kg	0.00200	1	01/27/07 09:52	SW846 8260B	7014137
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 09:52	SW846 8260B	7014137
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 09:52	SW846 8260B	7014137
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 09:52	SW846 8260B	7014137
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 09:52	SW846 8260B	7014137
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 09:52	SW846 8260B	7014137
Surr: 1,2-Dichloroethane-d4 (54-145%)	*98 %*					*01/27/07 09:52*	*SW846 8260B*	*7014137*
Surr: Dibromofluoromethane (67-129%)	*105 %*					*01/27/07 09:52*	*SW846 8260B*	*7014137*
Surr: Toluene-d8 (66-142%)	*120 %*					*01/27/07 09:52*	*SW846 8260B*	*7014137*
Surr: 4-Bromofluorobenzene (68-150%)	*121 %*					*01/27/07 09:52*	*SW846 8260B*	*7014137*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.100	1	01/30/07 12:00	SW846 8015B	7014161
Surr: a,a,a-Trifluorotoluene (66-146%)	*99 %*					*01/30/07 12:00*	*SW846 8015B*	*7014161*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	4.00	1	02/03/07 22:19	SW846 8015B	7014310
Surr: o-Terphenyl (32-132%)	*91 %*					*02/03/07 22:19*	*SW846 8015B*	*7014310*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-15 (MW2 @ 8-8.5 - Soil) Sampled: 01/23/07 11:10								
General Chemistry Parameters								
% Dry Solids	**83.3**		%	0.500	1	02/07/07 14:44	SW-846	7020807
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00104**		mg/kg	0.00101	1	01/30/07 12:22	SW846 8021B	7014161
Ethylbenzene	ND		mg/kg	0.00101	1	01/30/07 12:22	SW846 8021B	7014161
Toluene	**0.00112**		mg/kg	0.00101	1	01/30/07 12:22	SW846 8021B	7014161
Xylenes, total	ND		mg/kg	0.00302	1	01/30/07 12:22	SW846 8021B	7014161
Surr: a,a,a-Trifluorotoluene (59-159%)	*95 %*					*01/30/07 12:22*	*SW846 8021B*	*7014161*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 10:23	SW846 8260B	7014137
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 10:23	SW846 8260B	7014137
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 10:23	SW846 8260B	7014137
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 10:23	SW846 8260B	7014137
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 10:23	SW846 8260B	7014137
Toluene	ND		mg/kg	0.00200	1	01/27/07 10:23	SW846 8260B	7014137
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 10:23	SW846 8260B	7014137
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 10:23	SW846 8260B	7014137
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 10:23	SW846 8260B	7014137
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 10:23	SW846 8260B	7014137
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 10:23	SW846 8260B	7014137
Surr: 1,2-Dichloroethane-d4 (54-145%)	*103 %*					*01/27/07 10:23*	*SW846 8260B*	*7014137*
Surr: Dibromofluoromethane (67-129%)	*108 %*					*01/27/07 10:23*	*SW846 8260B*	*7014137*
Surr: Toluene-d8 (66-142%)	*120 %*					*01/27/07 10:23*	*SW846 8260B*	*7014137*
Surr: 4-Bromofluorobenzene (68-150%)	*110 %*					*01/27/07 10:23*	*SW846 8260B*	*7014137*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.101	1	01/30/07 12:22	SW846 8015B	7014161
Surr: a,a,a-Trifluorotoluene (66-146%)	*95 %*					*01/30/07 12:22*	*SW846 8015B*	*7014161*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.87	1	02/03/07 22:37	SW846 8015B	7014310
Surr: o-Terphenyl (32-132%)	*94 %*					*02/03/07 22:37*	*SW846 8015B*	*7014310*

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ANALYTICAL TESTING CORPORATION
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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-16 (MW2 @ 10-10.5 - Soil) Sampled: 01/23/07 11:15								
General Chemistry Parameters								
% Dry Solids	**84.9**		%	0.500	1	02/07/07 14:44	SW-846	7020807
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.00101	1	01/30/07 12:43	SW846 8021B	7014161
Ethylbenzene	ND		mg/kg	0.00101	1	01/30/07 12:43	SW846 8021B	7014161
Toluene	**0.00110**		mg/kg	0.00101	1	01/30/07 12:43	SW846 8021B	7014161
Xylenes, total	ND		mg/kg	0.00302	1	01/30/07 12:43	SW846 8021B	7014161
Surr: a,a,a-Trifluorotoluene (59-159%)	*97 %*					*01/30/07 12:43*	*SW846 8021B*	*7014161*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 10:54	SW846 8260B	7014137
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 10:54	SW846 8260B	7014137
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 10:54	SW846 8260B	7014137
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 10:54	SW846 8260B	7014137
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 10:54	SW846 8260B	7014137
Toluene	ND		mg/kg	0.00200	1	01/27/07 10:54	SW846 8260B	7014137
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 10:54	SW846 8260B	7014137
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 10:54	SW846 8260B	7014137
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 10:54	SW846 8260B	7014137
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 10:54	SW846 8260B	7014137
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 10:54	SW846 8260B	7014137
Surr: 1,2-Dichloroethane-d4 (54-145%)	*113 %*					*01/27/07 10:54*	*SW846 8260B*	*7014137*
Surr: Dibromofluoromethane (67-129%)	*111 %*					*01/27/07 10:54*	*SW846 8260B*	*7014137*
Surr: Toluene-d8 (66-142%)	*117 %*					*01/27/07 10:54*	*SW846 8260B*	*7014137*
Surr: 4-Bromofluorobenzene (68-150%)	*110 %*					*01/27/07 10:54*	*SW846 8260B*	*7014137*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.101	1	01/30/07 12:43	SW846 8015B	7014161
Surr: a,a,a-Trifluorotoluene (66-146%)	*97 %*					*01/30/07 12:43*	*SW846 8015B*	*7014161*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.93	1	02/03/07 22:55	SW846 8015B	7014310
Surr: o-Terphenyl (32-132%)	*98 %*					*02/03/07 22:55*	*SW846 8015B*	*7014310*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-17 (MW2 @ 12-12.5 - Soil) Sampled: 01/23/07 11:20								
General Chemistry Parameters								
% Dry Solids	**83.6**		%	0.500	1	02/07/07 14:44	SW-846	7020807
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.00101	1	01/30/07 13:04	SW846 8021B	7014161
Ethylbenzene	ND		mg/kg	0.00101	1	01/30/07 13:04	SW846 8021B	7014161
Toluene	ND		mg/kg	0.00101	1	01/30/07 13:04	SW846 8021B	7014161
Xylenes, total	ND		mg/kg	0.00303	1	01/30/07 13:04	SW846 8021B	7014161
Surr: a,a,a-Trifluorotoluene (59-159%)	*95 %*					*01/30/07 13:04*	*SW846 8021B*	*7014161*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/30/07 08:03	SW846 8260B	7014139
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/30/07 08:03	SW846 8260B	7014139
Ethylbenzene	ND		mg/kg	0.00200	1	01/30/07 08:03	SW846 8260B	7014139
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/30/07 08:03	SW846 8260B	7014139
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/30/07 08:03	SW846 8260B	7014139
Toluene	ND		mg/kg	0.00200	1	01/30/07 08:03	SW846 8260B	7014139
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/30/07 08:03	SW846 8260B	7014139
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/30/07 08:03	SW846 8260B	7014139
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/30/07 08:03	SW846 8260B	7014139
Xylenes, total	ND		mg/kg	0.00500	1	01/30/07 08:03	SW846 8260B	7014139
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/30/07 08:03	SW846 8260B	7014139
Surr: 1,2-Dichloroethane-d4 (54-145%)	*110 %*					*01/30/07 08:03*	*SW846 8260B*	*7014139*
Surr: Dibromofluoromethane (67-129%)	*110 %*					*01/30/07 08:03*	*SW846 8260B*	*7014139*
Surr: Toluene-d8 (66-142%)	*119 %*					*01/30/07 08:03*	*SW846 8260B*	*7014139*
Surr: 4-Bromofluorobenzene (68-150%)	*110 %*					*01/30/07 08:03*	*SW846 8260B*	*7014139*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.101	1	01/30/07 13:04	SW846 8015B	7014161
Surr: a,a,a-Trifluorotoluene (66-146%)	*95 %*					*01/30/07 13:04*	*SW846 8015B*	*7014161*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.84	1	02/03/07 23:13	SW846 8015B	7014310
Surr: o-Terphenyl (32-132%)	*98 %*					*02/03/07 23:13*	*SW846 8015B*	*7014310*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-18 (MW2 @ 14-14.5 - Soil) Sampled: 01/23/07 11:23								
General Chemistry Parameters								
% Dry Solids	**80.1**		%	0.500	1	02/07/07 14:44	SW-846	7020807
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.000990	1	01/30/07 13:25	SW846 8021B	7014161
Ethylbenzene	ND		mg/kg	0.000990	1	01/30/07 13:25	SW846 8021B	7014161
Toluene	ND		mg/kg	0.000990	1	01/30/07 13:25	SW846 8021B	7014161
Xylenes, total	ND		mg/kg	0.00297	1	01/30/07 13:25	SW846 8021B	7014161
Surr: a,a,a-Trifluorotoluene (59-159%)	*98 %*					*01/30/07 13:25*	*SW846 8021B*	*7014161*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/30/07 08:33	SW846 8260B	7014139
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/30/07 08:33	SW846 8260B	7014139
Ethylbenzene	ND		mg/kg	0.00200	1	01/30/07 08:33	SW846 8260B	7014139
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/30/07 08:33	SW846 8260B	7014139
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/30/07 08:33	SW846 8260B	7014139
Toluene	ND		mg/kg	0.00200	1	01/30/07 08:33	SW846 8260B	7014139
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/30/07 08:33	SW846 8260B	7014139
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/30/07 08:33	SW846 8260B	7014139
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/30/07 08:33	SW846 8260B	7014139
Xylenes, total	ND		mg/kg	0.00500	1	01/30/07 08:33	SW846 8260B	7014139
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/30/07 08:33	SW846 8260B	7014139
Surr: 1,2-Dichloroethane-d4 (54-145%)	*112 %*					*01/30/07 08:33*	*SW846 8260B*	*7014139*
Surr: Dibromofluoromethane (67-129%)	*112 %*					*01/30/07 08:33*	*SW846 8260B*	*7014139*
Surr: Toluene-d8 (66-142%)	*117 %*					*01/30/07 08:33*	*SW846 8260B*	*7014139*
Surr: 4-Bromofluorobenzene (68-150%)	*105 %*					*01/30/07 08:33*	*SW846 8260B*	*7014139*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.0990	1	01/30/07 13:25	SW846 8015B	7014161
Surr: a,a,a-Trifluorotoluene (66-146%)	*98 %*					*01/30/07 13:25*	*SW846 8015B*	*7014161*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.94	1	02/03/07 23:31	SW846 8015B	7014310
Surr: o-Terphenyl (32-132%)	*92 %*					*02/03/07 23:31*	*SW846 8015B*	*7014310*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-19 (MW2 @ 15.5-16 - Soil) Sampled: 01/23/07 11:30								
General Chemistry Parameters								
% Dry Solids	**83.4**		%	0.500	1	02/07/07 14:44	SW-846	7020807
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.000994	1	01/30/07 13:46	SW846 8021B	7014161
Ethylbenzene	ND		mg/kg	0.000994	1	01/30/07 13:46	SW846 8021B	7014161
Toluene	ND		mg/kg	0.000994	1	01/30/07 13:46	SW846 8021B	7014161
Xylenes, total	ND		mg/kg	0.00298	1	01/30/07 13:46	SW846 8021B	7014161
Surr: a,a,a-Trifluorotoluene (59-159%)	*95 %*					*01/30/07 13:46*	*SW846 8021B*	*7014161*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/30/07 09:04	SW846 8260B	7014139
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/30/07 09:04	SW846 8260B	7014139
Ethylbenzene	ND		mg/kg	0.00200	1	01/30/07 09:04	SW846 8260B	7014139
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/30/07 09:04	SW846 8260B	7014139
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/30/07 09:04	SW846 8260B	7014139
Toluene	ND		mg/kg	0.00200	1	01/30/07 09:04	SW846 8260B	7014139
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/30/07 09:04	SW846 8260B	7014139
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/30/07 09:04	SW846 8260B	7014139
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/30/07 09:04	SW846 8260B	7014139
Xylenes, total	ND		mg/kg	0.00500	1	01/30/07 09:04	SW846 8260B	7014139
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/30/07 09:04	SW846 8260B	7014139
Surr: 1,2-Dichloroethane-d4 (54-145%)	*115 %*					*01/30/07 09:04*	*SW846 8260B*	*7014139*
Surr: Dibromofluoromethane (67-129%)	*115 %*					*01/30/07 09:04*	*SW846 8260B*	*7014139*
Surr: Toluene-d8 (66-142%)	*118 %*					*01/30/07 09:04*	*SW846 8260B*	*7014139*
Surr: 4-Bromofluorobenzene (68-150%)	*110 %*					*01/30/07 09:04*	*SW846 8260B*	*7014139*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.0994	1	01/30/07 13:46	SW846 8015B	7014161
Surr: a,a,a-Trifluorotoluene (66-146%)	*95 %*					*01/30/07 13:46*	*SW846 8015B*	*7014161*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.86	1	02/03/07 23:50	SW846 8015B	7014310
Surr: o-Terphenyl (32-132%)	*102 %*					*02/03/07 23:50*	*SW846 8015B*	*7014310*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-20 (MW2 @ 16-16.5 - Soil) Sampled: 01/23/07 11:30								
General Chemistry Parameters								
% Dry Solids	**81.9**		%	0.500	1	02/07/07 14:44	SW-846	7020807
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00133**		mg/kg	0.00101	1	01/30/07 14:08	SW846 8021B	7014161
Ethylbenzene	ND		mg/kg	0.00101	1	01/30/07 14:08	SW846 8021B	7014161
Toluene	ND		mg/kg	0.00101	1	01/30/07 14:08	SW846 8021B	7014161
Xylenes, total	ND		mg/kg	0.00303	1	01/30/07 14:08	SW846 8021B	7014161
Surr: a,a,a-Trifluorotoluene (59-159%)	*98 %*					*01/30/07 14:08*	*SW846 8021B*	*7014161*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 11:25	SW846 8260B	7014137
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 11:25	SW846 8260B	7014137
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 11:25	SW846 8260B	7014137
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 11:25	SW846 8260B	7014137
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 11:25	SW846 8260B	7014137
Toluene	ND		mg/kg	0.00200	1	01/27/07 11:25	SW846 8260B	7014137
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 11:25	SW846 8260B	7014137
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 11:25	SW846 8260B	7014137
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 11:25	SW846 8260B	7014137
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 11:25	SW846 8260B	7014137
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 11:25	SW846 8260B	7014137
Surr: 1,2-Dichloroethane-d4 (54-145%)	*108 %*					*01/27/07 11:25*	*SW846 8260B*	*7014137*
Surr: Dibromofluoromethane (67-129%)	*111 %*					*01/27/07 11:25*	*SW846 8260B*	*7014137*
Surr: Toluene-d8 (66-142%)	*119 %*					*01/27/07 11:25*	*SW846 8260B*	*7014137*
Surr: 4-Bromofluorobenzene (68-150%)	*123 %*					*01/27/07 11:25*	*SW846 8260B*	*7014137*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.101	1	01/30/07 14:08	SW846 8015B	7014161
Surr: a,a,a-Trifluorotoluene (66-146%)	*98 %*					*01/30/07 14:08*	*SW846 8015B*	*7014161*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.97	1	02/04/07 00:08	SW846 8015B	7014310
Surr: o-Terphenyl (32-132%)	*92 %*					*02/04/07 00:08*	*SW846 8015B*	*7014310*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-21 (MW2 @ 18-18.5 - Soil) Sampled: 01/23/07 11:35								
General Chemistry Parameters								
% Dry Solids	**82.3**		%	0.500	1	02/07/07 13:22	SW-846	7020806
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00492**		mg/kg	0.000992	1	01/29/07 15:47	SW846 8021B	7014162
Ethylbenzene	ND		mg/kg	0.000992	1	01/29/07 15:47	SW846 8021B	7014162
Toluene	ND		mg/kg	0.000992	1	01/29/07 15:47	SW846 8021B	7014162
Xylenes, total	ND		mg/kg	0.00298	1	01/29/07 15:47	SW846 8021B	7014162
Surr: a,a,a-Trifluorotoluene (59-159%)	*105 %*					*01/29/07 15:47*	*SW846 8021B*	*7014162*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/26/07 18:19	SW846 8260B	7014138
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/26/07 18:19	SW846 8260B	7014138
Ethylbenzene	ND		mg/kg	0.00200	1	01/26/07 18:19	SW846 8260B	7014138
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/26/07 18:19	SW846 8260B	7014138
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/26/07 18:19	SW846 8260B	7014138
Toluene	ND		mg/kg	0.00200	1	01/26/07 18:19	SW846 8260B	7014138
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/26/07 18:19	SW846 8260B	7014138
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/26/07 18:19	SW846 8260B	7014138
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/26/07 18:19	SW846 8260B	7014138
Xylenes, total	ND		mg/kg	0.00500	1	01/26/07 18:19	SW846 8260B	7014138
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/26/07 18:19	SW846 8260B	7014138
Surr: 1,2-Dichloroethane-d4 (54-145%)	*101 %*					*01/26/07 18:19*	*SW846 8260B*	*7014138*
Surr: Dibromofluoromethane (67-129%)	*92 %*					*01/26/07 18:19*	*SW846 8260B*	*7014138*
Surr: Toluene-d8 (66-142%)	*91 %*					*01/26/07 18:19*	*SW846 8260B*	*7014138*
Surr: 4-Bromofluorobenzene (68-150%)	*90 %*					*01/26/07 18:19*	*SW846 8260B*	*7014138*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**0.508**		mg/kg	0.0992	1	01/29/07 15:47	SW846 8015B	7014162
Surr: a,a,a-Trifluorotoluene (66-146%)	*105 %*					*01/29/07 15:47*	*SW846 8015B*	*7014162*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND	C	mg/kg	3.91	1	02/02/07 02:37	SW846 8015B	7014311
Surr: o-Terphenyl (32-132%)	*87 %*					*02/02/07 02:37*	*SW846 8015B*	*7014311*

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-22 (MW2 @ 19.5-20 - Soil) Sampled: 01/23/07 11:35								
General Chemistry Parameters								
% Dry Solids	**84.0**		%	0.500	1	02/07/07 13:22	SW-846	7020806
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.000992	1	01/29/07 16:20	SW846 8021B	7014162
Ethylbenzene	ND		mg/kg	0.000992	1	01/29/07 16:20	SW846 8021B	7014162
Toluene	ND		mg/kg	0.000992	1	01/29/07 16:20	SW846 8021B	7014162
Xylenes, total	ND		mg/kg	0.00298	1	01/29/07 16:20	SW846 8021B	7014162
Surr: a,a,a-Trifluorotoluene (59-159%)	*101 %*					*01/29/07 16:20*	*SW846 8021B*	*7014162*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/26/07 18:51	SW846 8260B	7014138
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/26/07 18:51	SW846 8260B	7014138
Ethylbenzene	ND		mg/kg	0.00200	1	01/26/07 18:51	SW846 8260B	7014138
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/26/07 18:51	SW846 8260B	7014138
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/26/07 18:51	SW846 8260B	7014138
Toluene	ND		mg/kg	0.00200	1	01/26/07 18:51	SW846 8260B	7014138
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/26/07 18:51	SW846 8260B	7014138
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/26/07 18:51	SW846 8260B	7014138
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/26/07 18:51	SW846 8260B	7014138
Xylenes, total	ND		mg/kg	0.00500	1	01/26/07 18:51	SW846 8260B	7014138
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/26/07 18:51	SW846 8260B	7014138
Surr: 1,2-Dichloroethane-d4 (54-145%)	*101 %*					*01/26/07 18:51*	*SW846 8260B*	*7014138*
Surr: Dibromofluoromethane (67-129%)	*95 %*					*01/26/07 18:51*	*SW846 8260B*	*7014138*
Surr: Toluene-d8 (66-142%)	*98 %*					*01/26/07 18:51*	*SW846 8260B*	*7014138*
Surr: 4-Bromofluorobenzene (68-150%)	*88 %*					*01/26/07 18:51*	*SW846 8260B*	*7014138*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.0992	1	01/29/07 16:20	SW846 8015B	7014162
Surr: a,a,a-Trifluorotoluene (66-146%)	*101 %*					*01/29/07 16:20*	*SW846 8015B*	*7014162*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND	C	mg/kg	3.74	1	02/02/07 02:54	SW846 8015B	7014311
Surr: o-Terphenyl (32-132%)	*83 %*					*02/02/07 02:54*	*SW846 8015B*	*7014311*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-23 (MW2 @ 20-20.5 - Soil) Sampled: 01/23/07 11:35								
General Chemistry Parameters								
% Dry Solids	**84.4**		%	0.500	1	02/07/07 13:22	SW-846	7020806
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00633**		mg/kg	0.00101	1	01/29/07 16:53	SW846 8021B	7014162
Ethylbenzene	**0.00128**		mg/kg	0.00101	1	01/29/07 16:53	SW846 8021B	7014162
Toluene	ND		mg/kg	0.00101	1	01/29/07 16:53	SW846 8021B	7014162
Xylenes, total	ND		mg/kg	0.00303	1	01/29/07 16:53	SW846 8021B	7014162
Surr: a,a,a-Trifluorotoluene (59-159%)	*105 %*					*01/29/07 16:53*	*SW846 8021B*	*7014162*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/26/07 19:23	SW846 8260B	7014138
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/26/07 19:23	SW846 8260B	7014138
Ethylbenzene	ND		mg/kg	0.00200	1	01/26/07 19:23	SW846 8260B	7014138
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/26/07 19:23	SW846 8260B	7014138
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/26/07 19:23	SW846 8260B	7014138
Toluene	ND		mg/kg	0.00200	1	01/26/07 19:23	SW846 8260B	7014138
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/26/07 19:23	SW846 8260B	7014138
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/26/07 19:23	SW846 8260B	7014138
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/26/07 19:23	SW846 8260B	7014138
Xylenes, total	ND		mg/kg	0.00500	1	01/26/07 19:23	SW846 8260B	7014138
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/26/07 19:23	SW846 8260B	7014138
Surr: 1,2-Dichloroethane-d4 (54-145%)	*99 %*					*01/26/07 19:23*	*SW846 8260B*	*7014138*
Surr: Dibromofluoromethane (67-129%)	*95 %*					*01/26/07 19:23*	*SW846 8260B*	*7014138*
Surr: Toluene-d8 (66-142%)	*97 %*					*01/26/07 19:23*	*SW846 8260B*	*7014138*
Surr: 4-Bromofluorobenzene (68-150%)	*90 %*					*01/26/07 19:23*	*SW846 8260B*	*7014138*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**0.672**		mg/kg	0.101	1	01/29/07 16:53	SW846 8015B	7014162
Surr: a,a,a-Trifluorotoluene (66-146%)	*105 %*					*01/29/07 16:53*	*SW846 8015B*	*7014162*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND	C	mg/kg	3.83	1	02/02/07 03:11	SW846 8015B	7014311
Surr: o-Terphenyl (32-132%)	*79 %*					*02/02/07 03:11*	*SW846 8015B*	*7014311*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-24 (MW2 @ 21.5-22 - Soil) Sampled: 01/23/07 11:45								
General Chemistry Parameters								
% Dry Solids	**81.6**		%	0.500	1	02/07/07 13:22	SW-846	7020806
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00369**		mg/kg	0.00100	1	01/29/07 17:26	SW846 8021B	7014162
Ethylbenzene	**0.00235**		mg/kg	0.00100	1	01/29/07 17:26	SW846 8021B	7014162
Toluene	ND		mg/kg	0.00100	1	01/29/07 17:26	SW846 8021B	7014162
Xylenes, total	**0.0105**		mg/kg	0.00301	1	01/29/07 17:26	SW846 8021B	7014162
Surr: a,a,a-Trifluorotoluene (59-159%)	*102 %*					*01/29/07 17:26*	*SW846 8021B*	*7014162*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/26/07 19:55	SW846 8260B	7014138
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/26/07 19:55	SW846 8260B	7014138
Ethylbenzene	ND		mg/kg	0.00200	1	01/26/07 19:55	SW846 8260B	7014138
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/26/07 19:55	SW846 8260B	7014138
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/26/07 19:55	SW846 8260B	7014138
Toluene	ND		mg/kg	0.00200	1	01/26/07 19:55	SW846 8260B	7014138
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/26/07 19:55	SW846 8260B	7014138
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/26/07 19:55	SW846 8260B	7014138
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/26/07 19:55	SW846 8260B	7014138
Xylenes, total	ND		mg/kg	0.00500	1	01/26/07 19:55	SW846 8260B	7014138
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/26/07 19:55	SW846 8260B	7014138
Surr: 1,2-Dichloroethane-d4 (54-145%)	*87 %*					*01/26/07 19:55*	*SW846 8260B*	*7014138*
Surr: Dibromofluoromethane (67-129%)	*81 %*					*01/26/07 19:55*	*SW846 8260B*	*7014138*
Surr: Toluene-d8 (66-142%)	*99 %*					*01/26/07 19:55*	*SW846 8260B*	*7014138*
Surr: 4-Bromofluorobenzene (68-150%)	*91 %*					*01/26/07 19:55*	*SW846 8260B*	*7014138*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**2.85**		mg/kg	0.100	1	01/29/07 17:26	SW846 8015B	7014162
Surr: a,a,a-Trifluorotoluene (66-146%)	*102 %*					*01/29/07 17:26*	*SW846 8015B*	*7014162*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND	C	mg/kg	3.86	1	02/02/07 03:28	SW846 8015B	7014311
Surr: o-Terphenyl (32-132%)	*103 %*					*02/02/07 03:28*	*SW846 8015B*	*7014311*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-25 (MW2 @ 22-22.5 - Soil) Sampled: 01/23/07 11:45								
General Chemistry Parameters								
% Dry Solids	**82.1**		%	0.500	1	02/07/07 13:22	SW-846	7020806
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00643**		mg/kg	0.000996	1	01/29/07 17:59	SW846 8021B	7014162
Ethylbenzene	**0.00299**		mg/kg	0.000996	1	01/29/07 17:59	SW846 8021B	7014162
Toluene	ND		mg/kg	0.000996	1	01/29/07 17:59	SW846 8021B	7014162
Xylenes, total	**0.0138**		mg/kg	0.00299	1	01/29/07 17:59	SW846 8021B	7014162
Surr: a,a,a-Trifluorotoluene (59-159%)	*103 %*					*01/29/07 17:59*	*SW846 8021B*	*7014162*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/26/07 20:27	SW846 8260B	7014138
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/26/07 20:27	SW846 8260B	7014138
Ethylbenzene	ND		mg/kg	0.00200	1	01/26/07 20:27	SW846 8260B	7014138
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/26/07 20:27	SW846 8260B	7014138
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/26/07 20:27	SW846 8260B	7014138
Toluene	ND		mg/kg	0.00200	1	01/26/07 20:27	SW846 8260B	7014138
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/26/07 20:27	SW846 8260B	7014138
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/26/07 20:27	SW846 8260B	7014138
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/26/07 20:27	SW846 8260B	7014138
Xylenes, total	ND		mg/kg	0.00500	1	01/26/07 20:27	SW846 8260B	7014138
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/26/07 20:27	SW846 8260B	7014138
Surr: 1,2-Dichloroethane-d4 (54-145%)	*83 %*					*01/26/07 20:27*	*SW846 8260B*	*7014138*
Surr: Dibromofluoromethane (67-129%)	*77 %*					*01/26/07 20:27*	*SW846 8260B*	*7014138*
Surr: Toluene-d8 (66-142%)	*100 %*					*01/26/07 20:27*	*SW846 8260B*	*7014138*
Surr: 4-Bromofluorobenzene (68-150%)	*93 %*					*01/26/07 20:27*	*SW846 8260B*	*7014138*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**3.32**		mg/kg	0.0996	1	01/29/07 17:59	SW846 8015B	7014162
Surr: a,a,a-Trifluorotoluene (66-146%)	*103 %*					*01/29/07 17:59*	*SW846 8015B*	*7014162*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND	C	mg/kg	3.81	1	02/02/07 03:45	SW846 8015B	7014311
Surr: o-Terphenyl (32-132%)	*88 %*					*02/02/07 03:45*	*SW846 8015B*	*7014311*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-26 (MW2 @ 23.5-24 - Soil) Sampled: 01/23/07 11:48								
General Chemistry Parameters								
% Dry Solids	**86.2**		%	0.500	1	02/07/07 13:22	SW-846	7020806
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00185**		mg/kg	0.00101	1	01/29/07 18:32	SW846 8021B	7014162
Ethylbenzene	ND		mg/kg	0.00101	1	01/29/07 18:32	SW846 8021B	7014162
Toluene	ND		mg/kg	0.00101	1	01/29/07 18:32	SW846 8021B	7014162
Xylenes, total	ND		mg/kg	0.00302	1	01/29/07 18:32	SW846 8021B	7014162
Surr: a,a,a-Trifluorotoluene (59-159%)	*101 %*					*01/29/07 18:32*	*SW846 8021B*	*7014162*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/26/07 20:59	SW846 8260B	7014138
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/26/07 20:59	SW846 8260B	7014138
Ethylbenzene	ND		mg/kg	0.00200	1	01/26/07 20:59	SW846 8260B	7014138
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/26/07 20:59	SW846 8260B	7014138
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/26/07 20:59	SW846 8260B	7014138
Toluene	ND		mg/kg	0.00200	1	01/26/07 20:59	SW846 8260B	7014138
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/26/07 20:59	SW846 8260B	7014138
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/26/07 20:59	SW846 8260B	7014138
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/26/07 20:59	SW846 8260B	7014138
Xylenes, total	ND		mg/kg	0.00500	1	01/26/07 20:59	SW846 8260B	7014138
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/26/07 20:59	SW846 8260B	7014138
Surr: 1,2-Dichloroethane-d4 (54-145%)	*90 %*					*01/26/07 20:59*	*SW846 8260B*	*7014138*
Surr: Dibromofluoromethane (67-129%)	*82 %*					*01/26/07 20:59*	*SW846 8260B*	*7014138*
Surr: Toluene-d8 (66-142%)	*99 %*					*01/26/07 20:59*	*SW846 8260B*	*7014138*
Surr: 4-Bromofluorobenzene (68-150%)	*89 %*					*01/26/07 20:59*	*SW846 8260B*	*7014138*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**0.591**		mg/kg	0.101	1	01/29/07 18:32	SW846 8015B	7014162
Surr: a,a,a-Trifluorotoluene (66-146%)	*101 %*					*01/29/07 18:32*	*SW846 8015B*	*7014162*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND	C	mg/kg	3.76	1	02/02/07 04:02	SW846 8015B	7014311
Surr: o-Terphenyl (32-132%)	*90 %*					*02/02/07 04:02*	*SW846 8015B*	*7014311*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-27 (MW2 @ 24-24.5 - Soil) Sampled: 01/23/07 11:48								
General Chemistry Parameters								
% Dry Solids	**81.7**		%	0.500	1	02/07/07 13:22	SW-846	7020806
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00136**		mg/kg	0.00100	1	01/29/07 19:05	SW846 8021B	7014162
Ethylbenzene	**0.0141**		mg/kg	0.00100	1	01/29/07 19:05	SW846 8021B	7014162
Toluene	**0.00678**		mg/kg	0.00100	1	01/29/07 19:05	SW846 8021B	7014162
Xylenes, total	**0.0891**		mg/kg	0.00300	1	01/29/07 19:05	SW846 8021B	7014162
Surr: a,a,a-Trifluorotoluene (59-159%)	*105 %*					*01/29/07 19:05*	*SW846 8021B*	*7014162*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/26/07 21:31	SW846 8260B	7014138
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/26/07 21:31	SW846 8260B	7014138
Ethylbenzene	ND		mg/kg	0.00200	1	01/26/07 21:31	SW846 8260B	7014138
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/26/07 21:31	SW846 8260B	7014138
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/26/07 21:31	SW846 8260B	7014138
Toluene	ND		mg/kg	0.00200	1	01/26/07 21:31	SW846 8260B	7014138
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/26/07 21:31	SW846 8260B	7014138
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/26/07 21:31	SW846 8260B	7014138
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/26/07 21:31	SW846 8260B	7014138
Xylenes, total	ND		mg/kg	0.00500	1	01/26/07 21:31	SW846 8260B	7014138
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/26/07 21:31	SW846 8260B	7014138
Surr: 1,2-Dichloroethane-d4 (54-145%)	*95 %*					*01/26/07 21:31*	*SW846 8260B*	*7014138*
Surr: Dibromofluoromethane (67-129%)	*92 %*					*01/26/07 21:31*	*SW846 8260B*	*7014138*
Surr: Toluene-d8 (66-142%)	*106 %*					*01/26/07 21:31*	*SW846 8260B*	*7014138*
Surr: 4-Bromofluorobenzene (68-150%)	*102 %*					*01/26/07 21:31*	*SW846 8260B*	*7014138*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**18.7**		mg/kg	0.100	1	01/29/07 19:05	SW846 8015B	7014162
Surr: a,a,a-Trifluorotoluene (66-146%)	*105 %*					*01/29/07 19:05*	*SW846 8015B*	*7014162*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND	C	mg/kg	3.73	1	02/02/07 04:53	SW846 8015B	7014311
Surr: o-Terphenyl (32-132%)	*88 %*					*02/02/07 04:53*	*SW846 8015B*	*7014311*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-28 (MW2 @ 26-26.5 - Soil) Sampled: 01/23/07 11:50								
General Chemistry Parameters								
% Dry Solids	**84.1**		%	0.500	1	02/07/07 13:22	SW-846	7020806
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**4.40**		mg/kg	0.495	500	01/30/07 22:50	SW846 8021B	7014728
Ethylbenzene	**2.29**		mg/kg	0.495	500	01/30/07 22:50	SW846 8021B	7014728
Toluene	**2.12**		mg/kg	0.0495	50	01/31/07 14:09	SW846 8021B	7014911
Xylenes, total	**3.79**		mg/kg	1.49	500	01/30/07 22:50	SW846 8021B	7014728
Surr: a,a,a-Trifluorotoluene (59-159%)	*101 %*					*01/30/07 22:50*	*SW846 8021B*	*7014728*
Surr: a,a,a-Trifluorotoluene (59-159%)	*98 %*					*01/31/07 14:09*	*SW846 8021B*	*7014911*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/26/07 22:03	SW846 8260B	7014138
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/26/07 22:03	SW846 8260B	7014138
Ethylbenzene	ND		mg/kg	0.00200	1	01/26/07 22:03	SW846 8260B	7014138
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/26/07 22:03	SW846 8260B	7014138
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/26/07 22:03	SW846 8260B	7014138
Toluene	**0.00944**		mg/kg	0.00200	1	01/26/07 22:03	SW846 8260B	7014138
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/26/07 22:03	SW846 8260B	7014138
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/26/07 22:03	SW846 8260B	7014138
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/26/07 22:03	SW846 8260B	7014138
Xylenes, total	**0.0268**		mg/kg	0.00500	1	01/26/07 22:03	SW846 8260B	7014138
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/26/07 22:03	SW846 8260B	7014138
Surr: 1,2-Dichloroethane-d4 (54-145%)	*210 %*	*ZX*				*01/26/07 22:03*	*SW846 8260B*	*7014138*
Surr: Dibromofluoromethane (67-129%)	*115 %*					*01/26/07 22:03*	*SW846 8260B*	*7014138*
Surr: Toluene-d8 (66-142%)	*558 %*	*ZX*				*01/26/07 22:03*	*SW846 8260B*	*7014138*
Surr: 4-Bromofluorobenzene (68-150%)	*288 %*	*ZX*				*01/26/07 22:03*	*SW846 8260B*	*7014138*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**964**		mg/kg	49.5	500	01/30/07 22:50	SW846 8015B	7014728
Surr: a,a,a-Trifluorotoluene (66-146%)	*101 %*					*01/30/07 22:50*	*SW846 8015B*	*7014728*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**10.6**		mg/kg	3.80	1	02/02/07 17:19	SW846 8015B	7014311
Surr: o-Terphenyl (32-132%)	*83 %*					*02/02/07 17:19*	*SW846 8015B*	*7014311*
Sample ID: NQA2762-29 (MW5 @ 6-6.5 - Soil) Sampled: 01/23/07 14:15								
General Chemistry Parameters								
% Dry Solids	**85.5**		%	0.500	1	02/07/07 13:22	SW-846	7020806
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.00100	1	01/29/07 20:10	SW846 8021B	7014162
Ethylbenzene	ND		mg/kg	0.00100	1	01/29/07 20:10	SW846 8021B	7014162
Toluene	ND		mg/kg	0.00100	1	01/29/07 20:10	SW846 8021B	7014162
Xylenes, total	ND		mg/kg	0.00301	1	01/29/07 20:10	SW846 8021B	7014162
Surr: a,a,a-Trifluorotoluene (59-159%)	*101 %*					*01/29/07 20:10*	*SW846 8021B*	*7014162*
Selected Volatile Organic Compounds by EPA Method 8260B								

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-29 (MW5 @ 6-6.5 - Soil) - cont. Sampled: 01/23/07 14:15								
Selected Volatile Organic Compounds by EPA Method 8260B - cont.								
Benzene	ND		mg/kg	0.00200	1	01/29/07 11:59	SW846 8260B	7014135
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/29/07 11:59	SW846 8260B	7014135
Ethylbenzene	ND		mg/kg	0.00200	1	01/29/07 11:59	SW846 8260B	7014135
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/29/07 11:59	SW846 8260B	7014135
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/29/07 11:59	SW846 8260B	7014135
Toluene	ND		mg/kg	0.00200	1	01/29/07 11:59	SW846 8260B	7014135
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/29/07 11:59	SW846 8260B	7014135
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/29/07 11:59	SW846 8260B	7014135
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/29/07 11:59	SW846 8260B	7014135
Xylenes, total	ND		mg/kg	0.00500	1	01/29/07 11:59	SW846 8260B	7014135
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/29/07 11:59	SW846 8260B	7014135
Surr: 1,2-Dichloroethane-d4 (54-145%)	*99 %*					*01/29/07 11:59*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*100 %*					*01/29/07 11:59*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*94 %*					*01/29/07 11:59*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*99 %*					*01/29/07 11:59*	*SW846 8260B*	*7014135*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.100	1	01/29/07 20:10	SW846 8015B	7014162
Surr: a,a,a-Trifluorotoluene (66-146%)	*101 %*					*01/29/07 20:10*	*SW846 8015B*	*7014162*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND	C	mg/kg	3.79	1	02/02/07 05:27	SW846 8015B	7014311
Surr: o-Terphenyl (32-132%)	*76 %*					*02/02/07 05:27*	*SW846 8015B*	*7014311*
Sample ID: NQA2762-30 (MW5 @ 8-8.5 - Soil) Sampled: 01/23/07 14:20								
General Chemistry Parameters								
% Dry Solids	**83.2**		%	0.500	1	02/07/07 13:22	SW-846	7020806
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.00100	1	01/29/07 20:43	SW846 8021B	7014162
Ethylbenzene	ND		mg/kg	0.00100	1	01/29/07 20:43	SW846 8021B	7014162
Toluene	ND		mg/kg	0.00100	1	01/29/07 20:43	SW846 8021B	7014162
Xylenes, total	ND		mg/kg	0.00301	1	01/29/07 20:43	SW846 8021B	7014162
Surr: a,a,a-Trifluorotoluene (59-159%)	*101 %*					*01/29/07 20:43*	*SW846 8021B*	*7014162*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/26/07 23:06	SW846 8260B	7014138
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/26/07 23:06	SW846 8260B	7014138
Ethylbenzene	ND		mg/kg	0.00200	1	01/26/07 23:06	SW846 8260B	7014138
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/26/07 23:06	SW846 8260B	7014138
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/26/07 23:06	SW846 8260B	7014138
Toluene	ND		mg/kg	0.00200	1	01/26/07 23:06	SW846 8260B	7014138
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/26/07 23:06	SW846 8260B	7014138
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/26/07 23:06	SW846 8260B	7014138
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/26/07 23:06	SW846 8260B	7014138
Xylenes, total	ND		mg/kg	0.00500	1	01/26/07 23:06	SW846 8260B	7014138

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-30 (MW5 @ 8-8.5 - Soil) - cont. Sampled: 01/23/07 14:20								
Volatile Organic Compounds by EPA Method 8260B - cont.								
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/26/07 23:06	SW846 8260B	7014138
Surr: 1,2-Dichloroethane-d4 (54-145%)	*95 %*					*01/26/07 23:06*	*SW846 8260B*	*7014138*
Surr: Dibromofluoromethane (67-129%)	*90 %*					*01/26/07 23:06*	*SW846 8260B*	*7014138*
Surr: Toluene-d8 (66-142%)	*94 %*					*01/26/07 23:06*	*SW846 8260B*	*7014138*
Surr: 4-Bromofluorobenzene (68-150%)	*87 %*					*01/26/07 23:06*	*SW846 8260B*	*7014138*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.100	1	01/29/07 20:43	SW846 8015B	7014162
Surr: a,a,a-Trifluorotoluene (66-146%)	*101 %*					*01/29/07 20:43*	*SW846 8015B*	*7014162*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND	C	mg/kg	3.76	1	02/02/07 05:44	SW846 8015B	7014311
Surr: o-Terphenyl (32-132%)	*68 %*					*02/02/07 05:44*	*SW846 8015B*	*7014311*
Sample ID: NQA2762-31 (MW5 @ 10-10.5 - Soil) Sampled: 01/23/07 14:22								
General Chemistry Parameters								
% Dry Solids	**83.5**		%	0.500	1	02/07/07 13:22	SW-846	7020806
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00265**		mg/kg	0.000996	1	01/29/07 22:22	SW846 8021B	7014162
Ethylbenzene	ND		mg/kg	0.000996	1	01/29/07 22:22	SW846 8021B	7014162
Toluene	ND		mg/kg	0.000996	1	01/29/07 22:22	SW846 8021B	7014162
Xylenes, total	ND		mg/kg	0.00299	1	01/29/07 22:22	SW846 8021B	7014162
Surr: a,a,a-Trifluorotoluene (59-159%)	*103 %*					*01/29/07 22:22*	*SW846 8021B*	*7014162*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/26/07 23:38	SW846 8260B	7014138
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/26/07 23:38	SW846 8260B	7014138
Ethylbenzene	ND		mg/kg	0.00200	1	01/26/07 23:38	SW846 8260B	7014138
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/26/07 23:38	SW846 8260B	7014138
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/26/07 23:38	SW846 8260B	7014138
Toluene	ND		mg/kg	0.00200	1	01/26/07 23:38	SW846 8260B	7014138
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/26/07 23:38	SW846 8260B	7014138
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/26/07 23:38	SW846 8260B	7014138
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/26/07 23:38	SW846 8260B	7014138
Xylenes, total	ND		mg/kg	0.00500	1	01/26/07 23:38	SW846 8260B	7014138
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/26/07 23:38	SW846 8260B	7014138
Surr: 1,2-Dichloroethane-d4 (54-145%)	*94 %*					*01/26/07 23:38*	*SW846 8260B*	*7014138*
Surr: Dibromofluoromethane (67-129%)	*94 %*					*01/26/07 23:38*	*SW846 8260B*	*7014138*
Surr: Toluene-d8 (66-142%)	*98 %*					*01/26/07 23:38*	*SW846 8260B*	*7014138*
Surr: 4-Bromofluorobenzene (68-150%)	*86 %*					*01/26/07 23:38*	*SW846 8260B*	*7014138*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**0.274**		mg/kg	0.0996	1	01/29/07 22:22	SW846 8015B	7014162
Surr: a,a,a-Trifluorotoluene (66-146%)	*103 %*					*01/29/07 22:22*	*SW846 8015B*	*7014162*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-31 (MW5 @ 10-10.5 - Soil) - cont. Sampled: 01/23/07 14:22								
Extractable Petroleum Hydrocarbons with Silica Gel Treatment - cont.								
Diesel	ND	C	mg/kg	3.94	1	02/02/07 06:01	SW846 8015B	7014311
Surr: o-Terphenyl (32-132%)	*79 %*					*02/02/07 06:01*	*SW846 8015B*	*7014311*
Sample ID: NQA2762-32 (MW5 @ 12-12.5 - Soil) Sampled: 01/23/07 14:26								
General Chemistry Parameters								
% Dry Solids	**85.0**		%	0.500	1	02/07/07 13:22	SW-846	7020806
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.000998	1	01/29/07 22:55	SW846 8021B	7014162
Ethylbenzene	ND		mg/kg	0.000998	1	01/29/07 22:55	SW846 8021B	7014162
Toluene	ND		mg/kg	0.000998	1	01/29/07 22:55	SW846 8021B	7014162
Xylenes, total	ND		mg/kg	0.00299	1	01/29/07 22:55	SW846 8021B	7014162
Surr: a,a,a-Trifluorotoluene (59-159%)	*100 %*					*01/29/07 22:55*	*SW846 8021B*	*7014162*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/29/07 12:30	SW846 8260B	7014135
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/29/07 12:30	SW846 8260B	7014135
Ethylbenzene	ND		mg/kg	0.00200	1	01/29/07 12:30	SW846 8260B	7014135
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/29/07 12:30	SW846 8260B	7014135
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/29/07 12:30	SW846 8260B	7014135
Toluene	ND		mg/kg	0.00200	1	01/29/07 12:30	SW846 8260B	7014135
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/29/07 12:30	SW846 8260B	7014135
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/29/07 12:30	SW846 8260B	7014135
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/29/07 12:30	SW846 8260B	7014135
Xylenes, total	ND		mg/kg	0.00500	1	01/29/07 12:30	SW846 8260B	7014135
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/29/07 12:30	SW846 8260B	7014135
Surr: 1,2-Dichloroethane-d4 (54-145%)	*93 %*					*01/29/07 12:30*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*99 %*					*01/29/07 12:30*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*96 %*					*01/29/07 12:30*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*100 %*					*01/29/07 12:30*	*SW846 8260B*	*7014135*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.0998	1	01/29/07 22:55	SW846 8015B	7014162
Surr: a,a,a-Trifluorotoluene (66-146%)	*100 %*					*01/29/07 22:55*	*SW846 8015B*	*7014162*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND	C	mg/kg	3.82	1	02/02/07 06:18	SW846 8015B	7014311
Surr: o-Terphenyl (32-132%)	*82 %*					*02/02/07 06:18*	*SW846 8015B*	*7014311*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-33 (MW5 @ 14-14.5 - Soil) Sampled: 01/23/07 14:32								
General Chemistry Parameters								
% Dry Solids	**83.6**		%	0.500	1	02/07/07 13:22	SW-846	7020806
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.00100	1	01/29/07 23:28	SW846 8021B	7014162
Ethylbenzene	ND		mg/kg	0.00100	1	01/29/07 23:28	SW846 8021B	7014162
Toluene	ND		mg/kg	0.00100	1	01/29/07 23:28	SW846 8021B	7014162
Xylenes, total	ND		mg/kg	0.00301	1	01/29/07 23:28	SW846 8021B	7014162
Surr: a,a,a-Trifluorotoluene (59-159%)	*100 %*					*01/29/07 23:28*	*SW846 8021B*	*7014162*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 00:42	SW846 8260B	7014138
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 00:42	SW846 8260B	7014138
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 00:42	SW846 8260B	7014138
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 00:42	SW846 8260B	7014138
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 00:42	SW846 8260B	7014138
Toluene	ND		mg/kg	0.00200	1	01/27/07 00:42	SW846 8260B	7014138
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 00:42	SW846 8260B	7014138
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 00:42	SW846 8260B	7014138
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 00:42	SW846 8260B	7014138
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 00:42	SW846 8260B	7014138
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 00:42	SW846 8260B	7014138
Surr: 1,2-Dichloroethane-d4 (54-145%)	*91 %*					*01/27/07 00:42*	*SW846 8260B*	*7014138*
Surr: Dibromofluoromethane (67-129%)	*92 %*					*01/27/07 00:42*	*SW846 8260B*	*7014138*
Surr: Toluene-d8 (66-142%)	*96 %*					*01/27/07 00:42*	*SW846 8260B*	*7014138*
Surr: 4-Bromofluorobenzene (68-150%)	*87 %*					*01/27/07 00:42*	*SW846 8260B*	*7014138*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.100	1	01/29/07 23:28	SW846 8015B	7014162
Surr: a,a,a-Trifluorotoluene (66-146%)	*100 %*					*01/29/07 23:28*	*SW846 8015B*	*7014162*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND	C	mg/kg	3.92	1	02/02/07 06:35	SW846 8015B	7014311
Surr: o-Terphenyl (32-132%)	*93 %*					*02/02/07 06:35*	*SW846 8015B*	*7014311*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-34 (MW5 @ 16-16.5 - Soil) Sampled: 01/23/07 14:35								
General Chemistry Parameters								
% Dry Solids	**90.2**		%	0.500	1	02/07/07 13:22	SW-846	7020806
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.00100	1	01/30/07 00:00	SW846 8021B	7014162
Ethylbenzene	ND		mg/kg	0.00100	1	01/30/07 00:00	SW846 8021B	7014162
Toluene	ND		mg/kg	0.00100	1	01/30/07 00:00	SW846 8021B	7014162
Xylenes, total	ND		mg/kg	0.00301	1	01/30/07 00:00	SW846 8021B	7014162
Surr: a,a,a-Trifluorotoluene (59-159%)	*100 %*					*01/30/07 00:00*	*SW846 8021B*	*7014162*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 01:14	SW846 8260B	7014138
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 01:14	SW846 8260B	7014138
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 01:14	SW846 8260B	7014138
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 01:14	SW846 8260B	7014138
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 01:14	SW846 8260B	7014138
Toluene	ND		mg/kg	0.00200	1	01/27/07 01:14	SW846 8260B	7014138
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 01:14	SW846 8260B	7014138
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 01:14	SW846 8260B	7014138
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 01:14	SW846 8260B	7014138
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 01:14	SW846 8260B	7014138
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 01:14	SW846 8260B	7014138
Surr: 1,2-Dichloroethane-d4 (54-145%)	*99 %*					*01/27/07 01:14*	*SW846 8260B*	*7014138*
Surr: Dibromofluoromethane (67-129%)	*95 %*					*01/27/07 01:14*	*SW846 8260B*	*7014138*
Surr: Toluene-d8 (66-142%)	*95 %*					*01/27/07 01:14*	*SW846 8260B*	*7014138*
Surr: 4-Bromofluorobenzene (68-150%)	*87 %*					*01/27/07 01:14*	*SW846 8260B*	*7014138*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.100	1	01/30/07 00:00	SW846 8015B	7014162
Surr: a,a,a-Trifluorotoluene (66-146%)	*100 %*					*01/30/07 00:00*	*SW846 8015B*	*7014162*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND	C	mg/kg	3.98	1	02/02/07 06:52	SW846 8015B	7014311
Surr: o-Terphenyl (32-132%)	*66 %*					*02/02/07 06:52*	*SW846 8015B*	*7014311*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-35 (MW5 @ 18-18.5 - Soil) Sampled: 01/23/07 14:40								
General Chemistry Parameters								
% Dry Solids	**92.6**		%	0.500	1	02/07/07 13:22	SW-846	7020806
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00189**		mg/kg	0.000994	1	01/30/07 00:33	SW846 8021B	7014162
Ethylbenzene	ND		mg/kg	0.000994	1	01/30/07 00:33	SW846 8021B	7014162
Toluene	ND		mg/kg	0.000994	1	01/30/07 00:33	SW846 8021B	7014162
Xylenes, total	ND		mg/kg	0.00298	1	01/30/07 00:33	SW846 8021B	7014162
Surr: a,a,a-Trifluorotoluene (59-159%)	*103 %*					*01/30/07 00:33*	*SW846 8021B*	*7014162*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 10:28	SW846 8260B	7014396
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 10:28	SW846 8260B	7014396
Ethylbenzene	**0.00217**		mg/kg	0.00200	1	01/27/07 10:28	SW846 8260B	7014396
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 10:28	SW846 8260B	7014396
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 10:28	SW846 8260B	7014396
Toluene	**0.00229**		mg/kg	0.00200	1	01/27/07 10:28	SW846 8260B	7014396
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 10:28	SW846 8260B	7014396
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 10:28	SW846 8260B	7014396
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 10:28	SW846 8260B	7014396
Xylenes, total	**0.00878**		mg/kg	0.00500	1	01/27/07 10:28	SW846 8260B	7014396
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 10:28	SW846 8260B	7014396
Surr: 1,2-Dichloroethane-d4 (54-145%)	*102 %*					*01/27/07 10:28*	*SW846 8260B*	*7014396*
Surr: Dibromofluoromethane (67-129%)	*101 %*					*01/27/07 10:28*	*SW846 8260B*	*7014396*
Surr: Toluene-d8 (66-142%)	*98 %*					*01/27/07 10:28*	*SW846 8260B*	*7014396*
Surr: 4-Bromofluorobenzene (68-150%)	*106 %*					*01/27/07 10:28*	*SW846 8260B*	*7014396*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**0.385**		mg/kg	0.0994	1	01/30/07 00:33	SW846 8015B	7014162
Surr: a,a,a-Trifluorotoluene (66-146%)	*103 %*					*01/30/07 00:33*	*SW846 8015B*	*7014162*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND	C	mg/kg	3.90	1	02/02/07 07:09	SW846 8015B	7014311
Surr: o-Terphenyl (32-132%)	*176 %*	*Z2*				*02/02/07 07:09*	*SW846 8015B*	*7014311*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-36 (MW5 @ 19.5-20 - Soil) Sampled: 01/23/07 14:45								
General Chemistry Parameters								
% Dry Solids	**85.4**		%	0.500	1	02/07/07 13:22	SW-846	7020806
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.0102**		mg/kg	0.00100	1	01/30/07 01:06	SW846 8021B	7014162
Ethylbenzene	**0.00211**		mg/kg	0.00100	1	01/30/07 01:06	SW846 8021B	7014162
Toluene	**0.00149**		mg/kg	0.00100	1	01/30/07 01:06	SW846 8021B	7014162
Xylenes, total	**0.0125**		mg/kg	0.00300	1	01/30/07 01:06	SW846 8021B	7014162
Surr: a,a,a-Trifluorotoluene (59-159%)	*102 %*					*01/30/07 01:06*	*SW846 8021B*	*7014162*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 10:58	SW846 8260B	7014396
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 10:58	SW846 8260B	7014396
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 10:58	SW846 8260B	7014396
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 10:58	SW846 8260B	7014396
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 10:58	SW846 8260B	7014396
Toluene	ND		mg/kg	0.00200	1	01/27/07 10:58	SW846 8260B	7014396
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 10:58	SW846 8260B	7014396
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 10:58	SW846 8260B	7014396
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 10:58	SW846 8260B	7014396
Xylenes, total	**0.00562**		mg/kg	0.00500	1	01/27/07 10:58	SW846 8260B	7014396
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 10:58	SW846 8260B	7014396
Surr: 1,2-Dichloroethane-d4 (54-145%)	*100 %*					*01/27/07 10:58*	*SW846 8260B*	*7014396*
Surr: Dibromofluoromethane (67-129%)	*100 %*					*01/27/07 10:58*	*SW846 8260B*	*7014396*
Surr: Toluene-d8 (66-142%)	*99 %*					*01/27/07 10:58*	*SW846 8260B*	*7014396*
Surr: 4-Bromofluorobenzene (68-150%)	*102 %*					*01/27/07 10:58*	*SW846 8260B*	*7014396*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**2.01**		mg/kg	0.100	1	01/30/07 01:06	SW846 8015B	7014162
Surr: a,a,a-Trifluorotoluene (66-146%)	*102 %*					*01/30/07 01:06*	*SW846 8015B*	*7014162*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND	C	mg/kg	3.83	1	02/02/07 07:26	SW846 8015B	7014311
Surr: o-Terphenyl (32-132%)	*76 %*					*02/02/07 07:26*	*SW846 8015B*	*7014311*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-37 (MW5 @ 20-20.5 - Soil) Sampled: 01/23/07 14:45								
General Chemistry Parameters								
% Dry Solids	**84.2**		%	0.500	1	02/07/07 13:22	SW-846	7020806
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.0138**		mg/kg	0.000994	1	01/30/07 01:39	SW846 8021B	7014162
Ethylbenzene	**0.00279**		mg/kg	0.000994	1	01/30/07 01:39	SW846 8021B	7014162
Toluene	ND		mg/kg	0.000994	1	01/30/07 01:39	SW846 8021B	7014162
Xylenes, total	**0.0104**		mg/kg	0.00298	1	01/30/07 01:39	SW846 8021B	7014162
Surr: a,a,a-Trifluorotoluene (59-159%)	*103 %*					*01/30/07 01:39*	*SW846 8021B*	*7014162*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 11:28	SW846 8260B	7014396
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 11:28	SW846 8260B	7014396
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 11:28	SW846 8260B	7014396
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 11:28	SW846 8260B	7014396
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 11:28	SW846 8260B	7014396
Toluene	ND		mg/kg	0.00200	1	01/27/07 11:28	SW846 8260B	7014396
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 11:28	SW846 8260B	7014396
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 11:28	SW846 8260B	7014396
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 11:28	SW846 8260B	7014396
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 11:28	SW846 8260B	7014396
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 11:28	SW846 8260B	7014396
Surr: 1,2-Dichloroethane-d4 (54-145%)	*110 %*					*01/27/07 11:28*	*SW846 8260B*	*7014396*
Surr: Dibromofluoromethane (67-129%)	*104 %*					*01/27/07 11:28*	*SW846 8260B*	*7014396*
Surr: Toluene-d8 (66-142%)	*97 %*					*01/27/07 11:28*	*SW846 8260B*	*7014396*
Surr: 4-Bromofluorobenzene (68-150%)	*104 %*					*01/27/07 11:28*	*SW846 8260B*	*7014396*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**2.66**		mg/kg	0.0994	1	01/30/07 01:39	SW846 8015B	7014162
Surr: a,a,a-Trifluorotoluene (66-146%)	*103 %*					*01/30/07 01:39*	*SW846 8015B*	*7014162*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND	C	mg/kg	3.98	1	02/02/07 07:43	SW846 8015B	7014311
Surr: o-Terphenyl (32-132%)	*177 %*	*Z2*				*02/02/07 07:43*	*SW846 8015B*	*7014311*

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ANALYTICAL TESTING CORPORATION
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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-38 (MW5 @ 22-22.5 - Soil) Sampled: 01/23/07 14:48								
General Chemistry Parameters								
% Dry Solids	**85.2**		%	0.500	1	02/07/07 13:22	SW-846	7020806
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00111**		mg/kg	0.00100	1	01/30/07 02:12	SW846 8021B	7014162
Ethylbenzene	ND		mg/kg	0.00100	1	01/30/07 02:12	SW846 8021B	7014162
Toluene	ND		mg/kg	0.00100	1	01/30/07 02:12	SW846 8021B	7014162
Xylenes, total	ND		mg/kg	0.00301	1	01/30/07 02:12	SW846 8021B	7014162
Surr: a,a,a-Trifluorotoluene (59-159%)	*101 %*					*01/30/07 02:12*	*SW846 8021B*	*7014162*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 11:59	SW846 8260B	7014396
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 11:59	SW846 8260B	7014396
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 11:59	SW846 8260B	7014396
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 11:59	SW846 8260B	7014396
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 11:59	SW846 8260B	7014396
Toluene	ND		mg/kg	0.00200	1	01/27/07 11:59	SW846 8260B	7014396
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 11:59	SW846 8260B	7014396
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 11:59	SW846 8260B	7014396
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 11:59	SW846 8260B	7014396
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 11:59	SW846 8260B	7014396
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 11:59	SW846 8260B	7014396
Surr: 1,2-Dichloroethane-d4 (54-145%)	*111 %*					*01/27/07 11:59*	*SW846 8260B*	*7014396*
Surr: Dibromofluoromethane (67-129%)	*103 %*					*01/27/07 11:59*	*SW846 8260B*	*7014396*
Surr: Toluene-d8 (66-142%)	*95 %*					*01/27/07 11:59*	*SW846 8260B*	*7014396*
Surr: 4-Bromofluorobenzene (68-150%)	*104 %*					*01/27/07 11:59*	*SW846 8260B*	*7014396*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**0.603**		mg/kg	0.100	1	01/30/07 02:12	SW846 8015B	7014162
Surr: a,a,a-Trifluorotoluene (66-146%)	*101 %*					*01/30/07 02:12*	*SW846 8015B*	*7014162*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND	C	mg/kg	3.80	1	02/02/07 08:00	SW846 8015B	7014311
Surr: o-Terphenyl (32-132%)	*79 %*					*02/02/07 08:00*	*SW846 8015B*	*7014311*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-39 (MW5 @ 24-24.5 - Soil) Sampled: 01/23/07 14:53								
General Chemistry Parameters								
% Dry Solids	**85.4**		%	0.500	1	02/07/07 13:22	SW-846	7020806
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00666**		mg/kg	0.000996	1	01/30/07 02:44	SW846 8021B	7014162
Ethylbenzene	ND		mg/kg	0.000996	1	01/30/07 02:44	SW846 8021B	7014162
Toluene	ND		mg/kg	0.000996	1	01/30/07 02:44	SW846 8021B	7014162
Xylenes, total	ND		mg/kg	0.00299	1	01/30/07 02:44	SW846 8021B	7014162
Surr: a,a,a-Trifluorotoluene (59-159%)	*101 %*					*01/30/07 02:44*	*SW846 8021B*	*7014162*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	**0.00517**		mg/kg	0.00200	1	01/27/07 12:29	SW846 8260B	7014396
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 12:29	SW846 8260B	7014396
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 12:29	SW846 8260B	7014396
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 12:29	SW846 8260B	7014396
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 12:29	SW846 8260B	7014396
Toluene	ND		mg/kg	0.00200	1	01/27/07 12:29	SW846 8260B	7014396
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 12:29	SW846 8260B	7014396
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 12:29	SW846 8260B	7014396
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 12:29	SW846 8260B	7014396
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 12:29	SW846 8260B	7014396
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 12:29	SW846 8260B	7014396
Surr: 1,2-Dichloroethane-d4 (54-145%)	*114 %*					*01/27/07 12:29*	*SW846 8260B*	*7014396*
Surr: Dibromofluoromethane (67-129%)	*103 %*					*01/27/07 12:29*	*SW846 8260B*	*7014396*
Surr: Toluene-d8 (66-142%)	*96 %*					*01/27/07 12:29*	*SW846 8260B*	*7014396*
Surr: 4-Bromofluorobenzene (68-150%)	*102 %*					*01/27/07 12:29*	*SW846 8260B*	*7014396*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**0.138**		mg/kg	0.0996	1	01/30/07 02:44	SW846 8015B	7014162
Surr: a,a,a-Trifluorotoluene (66-146%)	*101 %*					*01/30/07 02:44*	*SW846 8015B*	*7014162*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND	C	mg/kg	3.81	1	02/02/07 08:17	SW846 8015B	7014311
Surr: o-Terphenyl (32-132%)	*83 %*					*02/02/07 08:17*	*SW846 8015B*	*7014311*

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ANALYTICAL TESTING CORPORATION
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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2762-40 (MW5 @ 26-26.5 - Soil) Sampled: 01/23/07 14:56								
General Chemistry Parameters								
% Dry Solids	**82.3**		%	0.500	1	02/07/07 13:22	SW-846	7020806
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00288**		mg/kg	0.000992	1	01/30/07 03:39	SW846 8021B	7014162
Ethylbenzene	ND		mg/kg	0.000992	1	01/30/07 03:39	SW846 8021B	7014162
Toluene	ND		mg/kg	0.000992	1	01/30/07 03:39	SW846 8021B	7014162
Xylenes, total	ND		mg/kg	0.00298	1	01/30/07 03:39	SW846 8021B	7014162
Surr: a,a,a-Trifluorotoluene (59-159%)	*101 %*					*01/30/07 03:39*	*SW846 8021B*	*7014162*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/27/07 13:00	SW846 8260B	7014396
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/27/07 13:00	SW846 8260B	7014396
Ethylbenzene	ND		mg/kg	0.00200	1	01/27/07 13:00	SW846 8260B	7014396
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/27/07 13:00	SW846 8260B	7014396
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/27/07 13:00	SW846 8260B	7014396
Toluene	ND		mg/kg	0.00200	1	01/27/07 13:00	SW846 8260B	7014396
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/27/07 13:00	SW846 8260B	7014396
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/27/07 13:00	SW846 8260B	7014396
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/27/07 13:00	SW846 8260B	7014396
Xylenes, total	ND		mg/kg	0.00500	1	01/27/07 13:00	SW846 8260B	7014396
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/27/07 13:00	SW846 8260B	7014396
Surr: 1,2-Dichloroethane-d4 (54-145%)	*112 %*					*01/27/07 13:00*	*SW846 8260B*	*7014396*
Surr: Dibromofluoromethane (67-129%)	*103 %*					*01/27/07 13:00*	*SW846 8260B*	*7014396*
Surr: Toluene-d8 (66-142%)	*96 %*					*01/27/07 13:00*	*SW846 8260B*	*7014396*
Surr: 4-Bromofluorobenzene (68-150%)	*101 %*					*01/27/07 13:00*	*SW846 8260B*	*7014396*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.0992	1	01/30/07 03:39	SW846 8015B	7014162
Surr: a,a,a-Trifluorotoluene (66-146%)	*101 %*					*01/30/07 03:39*	*SW846 8015B*	*7014162*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND	C	mg/kg	3.74	1	02/02/07 08:34	SW846 8015B	7014311
Surr: o-Terphenyl (32-132%)	*78 %*					*02/02/07 08:34*	*SW846 8015B*	*7014311*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons with Silica Gel Treatment							
SW846 8015B	7014310	NQA2762-01	25.33	1.00	02/01/07 13:15	CDJ	EPA 3550B
SW846 8015B	7014310	NQA2762-02	25.59	1.00	02/01/07 13:15	CDJ	EPA 3550B
SW846 8015B	7014310	NQA2762-03	25.80	1.00	02/01/07 13:15	CDJ	EPA 3550B
SW846 8015B	7014310	NQA2762-04	25.56	1.00	02/01/07 13:15	CDJ	EPA 3550B
SW846 8015B	7014310	NQA2762-05	25.47	1.00	02/01/07 13:15	CDJ	EPA 3550B
SW846 8015B	7014310	NQA2762-06	25.72	1.00	02/01/07 13:15	CDJ	EPA 3550B
SW846 8015B	7014310	NQA2762-07	25.28	1.00	02/01/07 13:15	CDJ	EPA 3550B
SW846 8015B	7014310	NQA2762-08	25.48	1.00	02/01/07 13:15	CDJ	EPA 3550B
SW846 8015B	7014310	NQA2762-09	25.18	1.00	02/01/07 13:15	CDJ	EPA 3550B
SW846 8015B	7014310	NQA2762-10	25.75	1.00	02/01/07 13:15	CDJ	EPA 3550B
SW846 8015B	7014310	NQA2762-11	25.50	1.00	02/01/07 13:15	CDJ	EPA 3550B
SW846 8015B	7014310	NQA2762-12	25.95	1.00	02/01/07 13:15	CDJ	EPA 3550B
SW846 8015B	7014310	NQA2762-13	25.56	1.00	02/01/07 13:15	CDJ	EPA 3550B
SW846 8015B	7014310	NQA2762-14	25.03	1.00	02/01/07 13:15	CDJ	EPA 3550B
SW846 8015B	7014310	NQA2762-15	25.81	1.00	02/01/07 13:15	CDJ	EPA 3550B
SW846 8015B	7014310	NQA2762-16	25.43	1.00	02/01/07 13:15	CDJ	EPA 3550B
SW846 8015B	7014310	NQA2762-17	26.01	1.00	02/01/07 13:15	CDJ	EPA 3550B
SW846 8015B	7014310	NQA2762-18	25.36	1.00	02/01/07 13:15	CDJ	EPA 3550B
SW846 8015B	7014310	NQA2762-19	25.93	1.00	02/01/07 13:15	CDJ	EPA 3550B
SW846 8015B	7014310	NQA2762-20	25.18	1.00	02/01/07 13:15	CDJ	EPA 3550B
SW846 8015B	7014311	NQA2762-21	25.56	1.00	01/31/07 15:21	CDJ	EPA 3550B
SW846 8015B	7014311	NQA2762-22	26.73	1.00	01/31/07 15:21	CDJ	EPA 3550B
SW846 8015B	7014311	NQA2762-23	26.14	1.00	01/31/07 15:21	CDJ	EPA 3550B
SW846 8015B	7014311	NQA2762-24	25.92	1.00	01/31/07 15:21	CDJ	EPA 3550B
SW846 8015B	7014311	NQA2762-25	26.26	1.00	01/31/07 15:21	CDJ	EPA 3550B
SW846 8015B	7014311	NQA2762-26	26.59	1.00	01/31/07 15:21	CDJ	EPA 3550B
SW846 8015B	7014311	NQA2762-27	26.78	1.00	01/31/07 15:21	CDJ	EPA 3550B
SW846 8015B	7014311	NQA2762-28	26.34	1.00	01/31/07 15:21	CDJ	EPA 3550B
SW846 8015B	7014311	NQA2762-29	26.39	1.00	01/31/07 15:21	CDJ	EPA 3550B
SW846 8015B	7014311	NQA2762-30	26.58	1.00	01/31/07 15:21	CDJ	EPA 3550B
SW846 8015B	7014311	NQA2762-31	25.35	1.00	01/31/07 15:21	CDJ	EPA 3550B
SW846 8015B	7014311	NQA2762-32	26.19	1.00	01/31/07 15:21	CDJ	EPA 3550B
SW846 8015B	7014311	NQA2762-33	25.50	1.00	01/31/07 15:21	CDJ	EPA 3550B
SW846 8015B	7014311	NQA2762-34	25.10	1.00	01/31/07 15:21	CDJ	EPA 3550B
SW846 8015B	7014311	NQA2762-35	25.63	1.00	01/31/07 15:21	CDJ	EPA 3550B
SW846 8015B	7014311	NQA2762-36	26.11	1.00	01/31/07 15:21	CDJ	EPA 3550B
SW846 8015B	7014311	NQA2762-37	25.11	1.00	01/31/07 15:21	CDJ	EPA 3550B
SW846 8015B	7014311	NQA2762-38	26.30	1.00	01/31/07 15:21	CDJ	EPA 3550B
SW846 8015B	7014311	NQA2762-39	26.24	1.00	01/31/07 15:21	CDJ	EPA 3550B
SW846 8015B	7014311	NQA2762-40	26.72	1.00	01/31/07 15:21	CDJ	EPA 3550B
Purgeable Petroleum Hydrocarbons							
SW846 8015B	7014161	NQA2762-01	5.04	5.00	01/26/07 13:25	NKN	EPA 5035A (GC)
SW846 8015B	7014161	NQA2762-02	5.03	5.00	01/26/07 13:28	NKN	EPA 5035A (GC)
SW846 8015B	7014161	NQA2762-03	5.00	5.00	01/26/07 13:31	NKN	EPA 5035A (GC)

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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 8015B	7014161	NQA2762-04	5.00	5.00	01/26/07 13:34	NKN	EPA 5035A (GC)
SW846 8015B	7014911	NQA2762-04RE1	5.03	5.00	01/31/07 09:50	NKN	EPA 5035A (GC)
SW846 8015B	7014161	NQA2762-05	5.02	5.00	01/26/07 13:37	NKN	EPA 5035A (GC)
SW846 8015B	7014161	NQA2762-06	4.96	5.00	01/26/07 13:39	NKN	EPA 5035A (GC)
SW846 8015B	7014161	NQA2762-07	5.00	5.00	01/26/07 13:41	NKN	EPA 5035A (GC)
SW846 8015B	7014161	NQA2762-08	5.05	5.00	01/26/07 13:44	NKN	EPA 5035A (GC)
SW846 8015B	7014161	NQA2762-09	5.00	5.00	01/26/07 13:50	NKN	EPA 5035A (GC)
SW846 8015B	7014161	NQA2762-10	4.98	5.00	01/26/07 13:51	NKN	EPA 5035A (GC)
SW846 8015B	7014161	NQA2762-11	4.96	5.00	01/26/07 13:56	NKN	EPA 5035A (GC)
SW846 8015B	7014161	NQA2762-12	4.95	5.00	01/26/07 13:59	NKN	EPA 5035A (GC)
SW846 8015B	7014161	NQA2762-13	4.95	5.00	01/26/07 14:01	NKN	EPA 5035A (GC)
SW846 8015B	7014161	NQA2762-14	4.98	5.00	01/26/07 14:04	NKN	EPA 5035A (GC)
SW846 8015B	7014161	NQA2762-15	4.97	5.00	01/26/07 14:06	NKN	EPA 5035A (GC)
SW846 8015B	7014161	NQA2762-16	4.97	5.00	01/26/07 14:08	NKN	EPA 5035A (GC)
SW846 8015B	7014161	NQA2762-17	4.95	5.00	01/29/07 15:40	NKN	EPA 5035A (GC)
SW846 8015B	7014161	NQA2762-18	5.05	5.00	01/29/07 15:42	NKN	EPA 5035A (GC)
SW846 8015B	7014161	NQA2762-19	5.03	5.00	01/29/07 15:44	NKN	EPA 5035A (GC)
SW846 8015B	7014161	NQA2762-20	4.95	5.00	01/26/07 14:18	NKN	EPA 5035A (GC)
SW846 8015B	7014162	NQA2762-21	5.04	5.00	01/26/07 16:14	NKN	EPA 5035A (GC)
SW846 8015B	7014162	NQA2762-22	5.04	5.00	01/26/07 16:16	NKN	EPA 5035A (GC)
SW846 8015B	7014162	NQA2762-23	4.95	5.00	01/26/07 16:18	NKN	EPA 5035A (GC)
SW846 8015B	7014162	NQA2762-24	4.98	5.00	01/26/07 16:20	NKN	EPA 5035A (GC)
SW846 8015B	7014162	NQA2762-25	5.02	5.00	01/26/07 16:22	NKN	EPA 5035A (GC)
SW846 8015B	7014162	NQA2762-26	4.96	5.00	01/26/07 16:27	NKN	EPA 5035A (GC)
SW846 8015B	7014162	NQA2762-27	5.00	5.00	01/26/07 16:29	NKN	EPA 5035A (GC)
SW846 8015B	7014162	NQA2762-28	4.97	5.00	01/26/07 16:31	NKN	EPA 5035A (GC)
SW846 8015B	7014728	NQA2762-28RE1	5.05	5.00	01/26/07 16:31	NKN	EPA 5035A (GC)
SW846 8015B	7014162	NQA2762-29	4.98	5.00	01/26/07 16:34	NKN	EPA 5035A (GC)
SW846 8015B	7014162	NQA2762-30	4.99	5.00	01/26/07 16:37	NKN	EPA 5035A (GC)
SW846 8015B	7014162	NQA2762-31	5.02	5.00	01/26/07 16:48	NKN	EPA 5035A (GC)
SW846 8015B	7014162	NQA2762-32	5.01	5.00	01/26/07 16:50	NKN	EPA 5035A (GC)
SW846 8015B	7014162	NQA2762-33	4.98	5.00	01/26/07 16:53	NKN	EPA 5035A (GC)
SW846 8015B	7014162	NQA2762-34	4.98	5.00	01/26/07 16:56	NKN	EPA 5035A (GC)
SW846 8015B	7014162	NQA2762-35	5.03	5.00	01/26/07 16:58	NKN	EPA 5035A (GC)
SW846 8015B	7014162	NQA2762-36	5.00	5.00	01/26/07 17:00	NKN	EPA 5035A (GC)
SW846 8015B	7014162	NQA2762-37	5.03	5.00	01/26/07 17:02	NKN	EPA 5035A (GC)
SW846 8015B	7014162	NQA2762-38	4.99	5.00	01/26/07 17:04	NKN	EPA 5035A (GC)
SW846 8015B	7014162	NQA2762-39	5.02	5.00	01/26/07 17:05	NKN	EPA 5035A (GC)
SW846 8015B	7014162	NQA2762-40	5.04	5.00	01/26/07 17:09	NKN	EPA 5035A (GC)
Selected Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	7014137	NQA2762-01	5.00	5.00	01/26/07 13:25	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-02	5.00	5.00	01/26/07 13:25	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-03	5.00	5.00	01/26/07 13:28	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-04	5.00	5.00	01/26/07 13:31	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-05	5.00	5.00	01/26/07 13:37	SNN	EPA 5035

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ANALYTICAL TESTING CORPORATION
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Client ETIC Engineering Pleasant Hill (10236)
2285 Morello Avenue
Pleasant Hill, CA 94523
Attn Erik Appel

Work Order: NQA2762
Project Name: Exxon 7-4121
Project Number: 7-4121
Received: 01/26/07 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 8260B	7014137	NQA2762-06	5.00	5.00	01/26/07 13:39	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-07	5.00	5.00	01/26/07 13:41	SNN	EPA 5035
SW846 8260B	7014139	NQA2762-08	5.00	5.00	01/26/07 13:44	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-09	5.00	5.00	01/26/07 13:50	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-10	5.00	5.00	01/26/07 13:51	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-11	5.00	5.00	01/26/07 13:56	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-12	5.00	5.00	01/26/07 13:59	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-13	5.00	5.00	01/26/07 14:01	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-14	5.00	5.00	01/26/07 14:04	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-15	5.00	5.00	01/26/07 14:06	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-16	5.00	5.00	01/26/07 14:08	SNN	EPA 5035
SW846 8260B	7014139	NQA2762-17	5.00	5.00	01/26/07 14:11	SNN	EPA 5035
SW846 8260B	7014139	NQA2762-18	5.00	5.00	01/26/07 14:13	SNN	EPA 5035
SW846 8260B	7014139	NQA2762-19	5.00	5.00	01/26/07 14:16	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-20	5.00	5.00	01/26/07 13:14	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-21	5.00	5.00	01/26/07 16:14	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-22	5.00	5.00	01/26/07 16:16	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-23	5.00	5.00	01/26/07 16:18	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-24	5.00	5.00	01/26/07 16:20	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-25	5.00	5.00	01/26/07 16:22	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-26	5.00	5.00	01/26/07 16:27	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-27	5.00	5.00	01/26/07 16:29	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-28	5.00	5.00	01/26/07 16:31	SNN	EPA 5035
SW846 8260B	7014135	NQA2762-29	5.00	5.00	01/26/07 16:34	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-30	5.00	5.00	01/26/07 16:37	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-31	5.00	5.00	01/26/07 16:48	SNN	EPA 5035
SW846 8260B	7014135	NQA2762-32	5.00	5.00	01/26/07 16:50	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-33	5.00	5.00	01/26/07 16:53	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-34	5.00	5.00	01/26/07 16:56	SNN	EPA 5035
SW846 8260B	7014396	NQA2762-35	5.00	5.00	01/26/07 16:58	SNN	EPA 5035
SW846 8260B	7014396	NQA2762-36	5.00	5.00	01/26/07 17:00	SNN	EPA 5035
SW846 8260B	7014396	NQA2762-37	5.00	5.00	01/26/07 17:02	SNN	EPA 5035
SW846 8260B	7014396	NQA2762-38	5.00	5.00	01/26/07 17:04	SNN	EPA 5035
SW846 8260B	7014396	NQA2762-39	5.00	5.00	01/26/07 17:05	SNN	EPA 5035
SW846 8260B	7014396	NQA2762-40	5.00	5.00	01/26/07 17:09	SNN	EPA 5035
Volatile Organic Compounds by EPA Method 8021B							
SW846 8021B	7014161	NQA2762-01	5.04	5.00	01/26/07 13:25	NKN	EPA 5035A (GC)
SW846 8021B	7014161	NQA2762-02	5.03	5.00	01/26/07 13:28	NKN	EPA 5035A (GC)
SW846 8021B	7014161	NQA2762-03	5.00	5.00	01/26/07 13:31	NKN	EPA 5035A (GC)
SW846 8021B	7014161	NQA2762-04	5.00	5.00	01/26/07 13:34	NKN	EPA 5035A (GC)
SW846 8021B	7014911	NQA2762-04RE1	5.03	5.00	01/31/07 09:50	NKN	EPA 5035A (GC)
SW846 8021B	7014161	NQA2762-05	5.02	5.00	01/26/07 13:37	NKN	EPA 5035A (GC)
SW846 8021B	7014161	NQA2762-06	4.96	5.00	01/26/07 13:39	NKN	EPA 5035A (GC)
SW846 8021B	7014161	NQA2762-07	5.00	5.00	01/26/07 13:41	NKN	EPA 5035A (GC)
SW846 8021B	7014161	NQA2762-08	5.05	5.00	01/26/07 13:44	NKN	EPA 5035A (GC)

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 8021B	7014161	NQA2762-09	5.00	5.00	01/26/07 13:50	NKN	EPA 5035A (GC)
SW846 8021B	7014161	NQA2762-10	4.98	5.00	01/26/07 13:51	NKN	EPA 5035A (GC)
SW846 8021B	7014161	NQA2762-11	4.96	5.00	01/26/07 13:56	NKN	EPA 5035A (GC)
SW846 8021B	7014161	NQA2762-12	4.95	5.00	01/26/07 13:59	NKN	EPA 5035A (GC)
SW846 8021B	7014161	NQA2762-13	4.95	5.00	01/26/07 14:01	NKN	EPA 5035A (GC)
SW846 8021B	7014161	NQA2762-14	4.98	5.00	01/26/07 14:04	NKN	EPA 5035A (GC)
SW846 8021B	7014161	NQA2762-15	4.97	5.00	01/26/07 14:06	NKN	EPA 5035A (GC)
SW846 8021B	7014161	NQA2762-16	4.97	5.00	01/26/07 14:08	NKN	EPA 5035A (GC)
SW846 8021B	7014161	NQA2762-17	4.95	5.00	01/29/07 15:40	NKN	EPA 5035A (GC)
SW846 8021B	7014161	NQA2762-18	5.05	5.00	01/29/07 15:42	NKN	EPA 5035A (GC)
SW846 8021B	7014161	NQA2762-19	5.03	5.00	01/29/07 15:44	NKN	EPA 5035A (GC)
SW846 8021B	7014161	NQA2762-20	4.95	5.00	01/26/07 14:18	NKN	EPA 5035A (GC)
SW846 8021B	7014162	NQA2762-21	5.04	5.00	01/26/07 16:14	NKN	EPA 5035A (GC)
SW846 8021B	7014162	NQA2762-22	5.04	5.00	01/26/07 16:16	NKN	EPA 5035A (GC)
SW846 8021B	7014162	NQA2762-23	4.95	5.00	01/26/07 16:18	NKN	EPA 5035A (GC)
SW846 8021B	7014162	NQA2762-24	4.98	5.00	01/26/07 16:20	NKN	EPA 5035A (GC)
SW846 8021B	7014162	NQA2762-25	5.02	5.00	01/26/07 16:22	NKN	EPA 5035A (GC)
SW846 8021B	7014162	NQA2762-26	4.96	5.00	01/26/07 16:27	NKN	EPA 5035A (GC)
SW846 8021B	7014162	NQA2762-27	5.00	5.00	01/26/07 16:29	NKN	EPA 5035A (GC)
SW846 8021B	7014162	NQA2762-28	4.97	5.00	01/26/07 16:31	NKN	EPA 5035A (GC)
SW846 8021B	7014728	NQA2762-28RE1	5.05	5.00	01/26/07 16:31	NKN	EPA 5035A (GC)
SW846 8021B	7014911	NQA2762-28RE2	5.05	5.00	01/26/07 16:31	NKN	EPA 5035A (GC)
SW846 8021B	7014162	NQA2762-29	4.98	5.00	01/26/07 16:34	NKN	EPA 5035A (GC)
SW846 8021B	7014162	NQA2762-30	4.99	5.00	01/26/07 16:37	NKN	EPA 5035A (GC)
SW846 8021B	7014162	NQA2762-31	5.02	5.00	01/26/07 16:48	NKN	EPA 5035A (GC)
SW846 8021B	7014162	NQA2762-32	5.01	5.00	01/26/07 16:50	NKN	EPA 5035A (GC)
SW846 8021B	7014162	NQA2762-33	4.98	5.00	01/26/07 16:53	NKN	EPA 5035A (GC)
SW846 8021B	7014162	NQA2762-34	4.98	5.00	01/26/07 16:56	NKN	EPA 5035A (GC)
SW846 8021B	7014162	NQA2762-35	5.03	5.00	01/26/07 16:58	NKN	EPA 5035A (GC)
SW846 8021B	7014162	NQA2762-36	5.00	5.00	01/26/07 17:00	NKN	EPA 5035A (GC)
SW846 8021B	7014162	NQA2762-37	5.03	5.00	01/26/07 17:02	NKN	EPA 5035A (GC)
SW846 8021B	7014162	NQA2762-38	4.99	5.00	01/26/07 17:04	NKN	EPA 5035A (GC)
SW846 8021B	7014162	NQA2762-39	5.02	5.00	01/26/07 17:05	NKN	EPA 5035A (GC)
SW846 8021B	7014162	NQA2762-40	5.04	5.00	01/26/07 17:09	NKN	EPA 5035A (GC)
Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	7014137	NQA2762-01	5.00	5.00	01/26/07 13:25	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-02	5.00	5.00	01/26/07 13:28	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-03	5.00	5.00	01/26/07 13:31	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-04	5.00	5.00	01/26/07 13:34	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-05	5.00	5.00	01/26/07 13:37	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-06	5.00	5.00	01/26/07 13:39	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-07	5.00	5.00	01/26/07 13:41	SNN	EPA 5035
SW846 8260B	7014139	NQA2762-08	5.00	5.00	01/26/07 13:44	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-09	5.00	5.00	01/26/07 13:50	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-10	5.00	5.00	01/26/07 13:51	SNN	EPA 5035

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 8260B	7014137	NQA2762-11	5.00	5.00	01/26/07 13:56	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-12	5.00	5.00	01/26/07 13:59	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-13	5.00	5.00	01/26/07 14:01	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-14	5.00	5.00	01/26/07 14:04	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-15	5.00	5.00	01/26/07 14:06	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-16	5.00	5.00	01/26/07 14:08	SNN	EPA 5035
SW846 8260B	7014139	NQA2762-17	5.00	5.00	01/26/07 14:11	SNN	EPA 5035
SW846 8260B	7014139	NQA2762-18	5.00	5.00	01/26/07 14:13	SNN	EPA 5035
SW846 8260B	7014139	NQA2762-19	5.00	5.00	01/26/07 14:16	SNN	EPA 5035
SW846 8260B	7014137	NQA2762-20	5.00	5.00	01/26/07 14:18	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-21	5.00	5.00	01/26/07 16:14	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-22	5.00	5.00	01/26/07 16:16	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-23	5.00	5.00	01/26/07 16:18	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-24	5.00	5.00	01/26/07 16:20	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-25	5.00	5.00	01/26/07 16:22	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-26	5.00	5.00	01/26/07 16:27	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-27	5.00	5.00	01/26/07 16:29	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-28	5.00	5.00	01/26/07 16:31	SNN	EPA 5035
SW846 8260B	7014135	NQA2762-29	5.00	5.00	01/26/07 16:34	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-30	5.00	5.00	01/26/07 16:37	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-31	5.00	5.00	01/26/07 16:48	SNN	EPA 5035
SW846 8260B	7014135	NQA2762-32	5.00	5.00	01/26/07 16:50	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-33	5.00	5.00	01/26/07 16:53	SNN	EPA 5035
SW846 8260B	7014138	NQA2762-34	5.00	5.00	01/26/07 16:56	SNN	EPA 5035
SW846 8260B	7014396	NQA2762-35	5.00	5.00	01/26/07 16:58	SNN	EPA 5035
SW846 8260B	7014396	NQA2762-36	5.00	5.00	01/26/07 17:00	SNN	EPA 5035
SW846 8260B	7014396	NQA2762-37	5.00	5.00	01/26/07 17:02	SNN	EPA 5035
SW846 8260B	7014396	NQA2762-38	5.00	5.00	01/26/07 17:04	SNN	EPA 5035
SW846 8260B	7014396	NQA2762-39	5.00	5.00	01/26/07 17:05	SNN	EPA 5035
SW846 8260B	7014396	NQA2762-40	5.00	5.00	01/26/07 17:09	SNN	EPA 5035

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7014161-BLK1						
Benzene	<0.000400		mg/kg	7014161	7014161-BLK1	01/30/07 03:17
Ethylbenzene	<0.000400		mg/kg	7014161	7014161-BLK1	01/30/07 03:17
Toluene	<0.000300		mg/kg	7014161	7014161-BLK1	01/30/07 03:17
Xylenes, total	<0.000400		mg/kg	7014161	7014161-BLK1	01/30/07 03:17
Surrogate: a,a,a-Trifluorotoluene	98%			7014161	7014161-BLK1	01/30/07 03:17
7014162-BLK1						
Benzene	<0.000400		mg/kg	7014162	7014162-BLK1	01/29/07 14:05
Ethylbenzene	<0.000400		mg/kg	7014162	7014162-BLK1	01/29/07 14:05
Toluene	<0.000300		mg/kg	7014162	7014162-BLK1	01/29/07 14:05
Xylenes, total	<0.000400		mg/kg	7014162	7014162-BLK1	01/29/07 14:05
Surrogate: a,a,a-Trifluorotoluene	101%			7014162	7014162-BLK1	01/29/07 14:05
7014728-BLK1						
Benzene	<0.000400		mg/kg	7014728	7014728-BLK1	01/30/07 09:18
Ethylbenzene	<0.000400		mg/kg	7014728	7014728-BLK1	01/30/07 09:18
Toluene	<0.000300		mg/kg	7014728	7014728-BLK1	01/30/07 09:18
Xylenes, total	<0.000400		mg/kg	7014728	7014728-BLK1	01/30/07 09:18
Surrogate: a,a,a-Trifluorotoluene	101%			7014728	7014728-BLK1	01/30/07 09:18
7014911-BLK1						
Benzene	<0.000400		mg/kg	7014911	7014911-BLK1	01/31/07 10:19
Ethylbenzene	<0.000400		mg/kg	7014911	7014911-BLK1	01/31/07 10:19
Toluene	<0.000300		mg/kg	7014911	7014911-BLK1	01/31/07 10:19
Xylenes, total	<0.000400		mg/kg	7014911	7014911-BLK1	01/31/07 10:19
Surrogate: a,a,a-Trifluorotoluene	101%			7014911	7014911-BLK1	01/31/07 10:19
Selected Volatile Organic Compounds by EPA Method 8260B						
7014135-BLK1						
Benzene	<0.000600		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
Tertiary Butyl Alcohol	<0.0131		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
Ethylbenzene	<0.000630		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
Methyl tert-Butyl Ether	<0.000530		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
Diisopropyl Ether	<0.000460		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
Toluene	<0.000660		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
Ethyl tert-Butyl Ether	<0.000660		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
1,2-Dichloroethane	<0.000540		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
Tert-Amyl Methyl Ether	<0.000570		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
Xylenes, total	0.00141		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
1,2-Dibromoethane (EDB)	<0.000610		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
Surrogate: 1,2-Dichloroethane-d4	96%			7014135	7014135-BLK1	01/29/07 11:29
Surrogate: 1,2-Dichloroethane-d4	96%			7014135	7014135-BLK1	01/29/07 11:29

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B						
7014135-BLK1						
Surrogate: Dibromofluoromethane	99%			7014135	7014135-BLK1	01/29/07 11:29
Surrogate: Dibromofluoromethane	99%			7014135	7014135-BLK1	01/29/07 11:29
Surrogate: Toluene-d8	95%			7014135	7014135-BLK1	01/29/07 11:29
Surrogate: Toluene-d8	95%			7014135	7014135-BLK1	01/29/07 11:29
Surrogate: 4-Bromofluorobenzene	100%			7014135	7014135-BLK1	01/29/07 11:29
Surrogate: 4-Bromofluorobenzene	100%			7014135	7014135-BLK1	01/29/07 11:29
7014137-BLK1						
Benzene	<0.000600		mg/kg	7014137	7014137-BLK1	01/27/07 02:39
Tertiary Butyl Alcohol	<0.0131		mg/kg	7014137	7014137-BLK1	01/27/07 02:39
Ethylbenzene	<0.000630		mg/kg	7014137	7014137-BLK1	01/27/07 02:39
Methyl tert-Butyl Ether	<0.000530		mg/kg	7014137	7014137-BLK1	01/27/07 02:39
Diisopropyl Ether	<0.000460		mg/kg	7014137	7014137-BLK1	01/27/07 02:39
Toluene	<0.000660		mg/kg	7014137	7014137-BLK1	01/27/07 02:39
Ethyl tert-Butyl Ether	<0.000660		mg/kg	7014137	7014137-BLK1	01/27/07 02:39
1,2-Dichloroethane	<0.000540		mg/kg	7014137	7014137-BLK1	01/27/07 02:39
Tert-Amyl Methyl Ether	<0.000570		mg/kg	7014137	7014137-BLK1	01/27/07 02:39
Xylenes, total	<0.00130		mg/kg	7014137	7014137-BLK1	01/27/07 02:39
1,2-Dibromoethane (EDB)	<0.000610		mg/kg	7014137	7014137-BLK1	01/27/07 02:39
Surrogate: 1,2-Dichloroethane-d4	97%			7014137	7014137-BLK1	01/27/07 02:39
Surrogate: 1,2-Dichloroethane-d4	97%			7014137	7014137-BLK1	01/27/07 02:39
Surrogate: Dibromofluoromethane	103%			7014137	7014137-BLK1	01/27/07 02:39
Surrogate: Dibromofluoromethane	103%			7014137	7014137-BLK1	01/27/07 02:39
Surrogate: Toluene-d8	121%			7014137	7014137-BLK1	01/27/07 02:39
Surrogate: Toluene-d8	121%			7014137	7014137-BLK1	01/27/07 02:39
Surrogate: 4-Bromofluorobenzene	115%			7014137	7014137-BLK1	01/27/07 02:39
Surrogate: 4-Bromofluorobenzene	115%			7014137	7014137-BLK1	01/27/07 02:39
7014138-BLK1						
Benzene	<0.000600		mg/kg	7014138	7014138-BLK1	01/26/07 16:38
Tertiary Butyl Alcohol	<0.0131		mg/kg	7014138	7014138-BLK1	01/26/07 16:38
Ethylbenzene	<0.000630		mg/kg	7014138	7014138-BLK1	01/26/07 16:38
Methyl tert-Butyl Ether	<0.000530		mg/kg	7014138	7014138-BLK1	01/26/07 16:38
Diisopropyl Ether	<0.000460		mg/kg	7014138	7014138-BLK1	01/26/07 16:38
Toluene	<0.000660		mg/kg	7014138	7014138-BLK1	01/26/07 16:38
Ethyl tert-Butyl Ether	<0.000660		mg/kg	7014138	7014138-BLK1	01/26/07 16:38
1,2-Dichloroethane	<0.000540		mg/kg	7014138	7014138-BLK1	01/26/07 16:38
Tert-Amyl Methyl Ether	<0.000570		mg/kg	7014138	7014138-BLK1	01/26/07 16:38
Xylenes, total	<0.00130		mg/kg	7014138	7014138-BLK1	01/26/07 16:38
1,2-Dibromoethane (EDB)	<0.000610		mg/kg	7014138	7014138-BLK1	01/26/07 16:38
Surrogate: 1,2-Dichloroethane-d4	108%			7014138	7014138-BLK1	01/26/07 16:38
Surrogate: 1,2-Dichloroethane-d4	108%			7014138	7014138-BLK1	01/26/07 16:38

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B						
7014138-BLK1						
Surrogate: Dibromofluoromethane	94%			7014138	7014138-BLK1	01/26/07 16:38
Surrogate: Dibromofluoromethane	94%			7014138	7014138-BLK1	01/26/07 16:38
Surrogate: Toluene-d8	97%			7014138	7014138-BLK1	01/26/07 16:38
Surrogate: Toluene-d8	97%			7014138	7014138-BLK1	01/26/07 16:38
Surrogate: 4-Bromofluorobenzene	95%			7014138	7014138-BLK1	01/26/07 16:38
Surrogate: 4-Bromofluorobenzene	95%			7014138	7014138-BLK1	01/26/07 16:38
7014139-BLK1						
Benzene	<0.000600		mg/kg	7014139	7014139-BLK1	01/30/07 06:30
Tertiary Butyl Alcohol	<0.0131		mg/kg	7014139	7014139-BLK1	01/30/07 06:30
Ethylbenzene	<0.000630		mg/kg	7014139	7014139-BLK1	01/30/07 06:30
Methyl tert-Butyl Ether	<0.000530		mg/kg	7014139	7014139-BLK1	01/30/07 06:30
Diisopropyl Ether	<0.000460		mg/kg	7014139	7014139-BLK1	01/30/07 06:30
Toluene	<0.000660		mg/kg	7014139	7014139-BLK1	01/30/07 06:30
Ethyl tert-Butyl Ether	<0.000660		mg/kg	7014139	7014139-BLK1	01/30/07 06:30
1,2-Dichloroethane	<0.000540		mg/kg	7014139	7014139-BLK1	01/30/07 06:30
Tert-Amyl Methyl Ether	<0.000570		mg/kg	7014139	7014139-BLK1	01/30/07 06:30
Xylenes, total	<0.00130		mg/kg	7014139	7014139-BLK1	01/30/07 06:30
1,2-Dibromoethane (EDB)	<0.000610		mg/kg	7014139	7014139-BLK1	01/30/07 06:30
Surrogate: 1,2-Dichloroethane-d4	104%			7014139	7014139-BLK1	01/30/07 06:30
Surrogate: 1,2-Dichloroethane-d4	104%			7014139	7014139-BLK1	01/30/07 06:30
Surrogate: Dibromofluoromethane	108%			7014139	7014139-BLK1	01/30/07 06:30
Surrogate: Dibromofluoromethane	108%			7014139	7014139-BLK1	01/30/07 06:30
Surrogate: Toluene-d8	119%			7014139	7014139-BLK1	01/30/07 06:30
Surrogate: Toluene-d8	119%			7014139	7014139-BLK1	01/30/07 06:30
Surrogate: 4-Bromofluorobenzene	108%			7014139	7014139-BLK1	01/30/07 06:30
Surrogate: 4-Bromofluorobenzene	108%			7014139	7014139-BLK1	01/30/07 06:30
7014396-BLK1						
Benzene	<0.000600		mg/kg	7014396	7014396-BLK1	01/27/07 04:21
Tertiary Butyl Alcohol	<0.0131		mg/kg	7014396	7014396-BLK1	01/27/07 04:21
Ethylbenzene	<0.000630		mg/kg	7014396	7014396-BLK1	01/27/07 04:21
Methyl tert-Butyl Ether	<0.000530		mg/kg	7014396	7014396-BLK1	01/27/07 04:21
Diisopropyl Ether	<0.000460		mg/kg	7014396	7014396-BLK1	01/27/07 04:21
Toluene	<0.000660		mg/kg	7014396	7014396-BLK1	01/27/07 04:21
Ethyl tert-Butyl Ether	<0.000660		mg/kg	7014396	7014396-BLK1	01/27/07 04:21
1,2-Dichloroethane	<0.000540		mg/kg	7014396	7014396-BLK1	01/27/07 04:21
Tert-Amyl Methyl Ether	<0.000570		mg/kg	7014396	7014396-BLK1	01/27/07 04:21
Xylenes, total	<0.00130		mg/kg	7014396	7014396-BLK1	01/27/07 04:21
1,2-Dibromoethane (EDB)	<0.000610		mg/kg	7014396	7014396-BLK1	01/27/07 04:21
Surrogate: 1,2-Dichloroethane-d4	100%			7014396	7014396-BLK1	01/27/07 04:21
Surrogate: 1,2-Dichloroethane-d4	100%			7014396	7014396-BLK1	01/27/07 04:21

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ANALYTICAL TESTING CORPORATION
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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA
Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B						
7014396-BLK1						
Surrogate: Dibromofluoromethane	100%			7014396	7014396-BLK1	01/27/07 04:21
Surrogate: Dibromofluoromethane	100%			7014396	7014396-BLK1	01/27/07 04:21
Surrogate: Toluene-d8	96%			7014396	7014396-BLK1	01/27/07 04:21
Surrogate: Toluene-d8	96%			7014396	7014396-BLK1	01/27/07 04:21
Surrogate: 4-Bromofluorobenzene	107%			7014396	7014396-BLK1	01/27/07 04:21
Surrogate: 4-Bromofluorobenzene	107%			7014396	7014396-BLK1	01/27/07 04:21
Purgeable Petroleum Hydrocarbons						
7014161-BLK1						
GRO as Gasoline	0.0279		mg/kg	7014161	7014161-BLK1	01/30/07 03:17
Surrogate: a,a,a-Trifluorotoluene	98%			7014161	7014161-BLK1	01/30/07 03:17
7014162-BLK1						
GRO as Gasoline	0.0383		mg/kg	7014162	7014162-BLK1	01/29/07 14:05
Surrogate: a,a,a-Trifluorotoluene	101%			7014162	7014162-BLK1	01/29/07 14:05
7014728-BLK1						
GRO as Gasoline	0.0383		mg/kg	7014728	7014728-BLK1	01/30/07 09:18
Surrogate: a,a,a-Trifluorotoluene	101%			7014728	7014728-BLK1	01/30/07 09:18
7014911-BLK1						
GRO as Gasoline	0.0451		mg/kg	7014911	7014911-BLK1	01/31/07 10:19
Surrogate: a,a,a-Trifluorotoluene	101%			7014911	7014911-BLK1	01/31/07 10:19
Extractable Petroleum Hydrocarbons with Silica Gel Treatment						
7014310-BLK1						
Diesel	<2.00		mg/kg	7014310	7014310-BLK1	02/03/07 16:35
Surrogate: o-Terphenyl	93%			7014310	7014310-BLK1	02/03/07 16:35
7014311-BLK1						
Diesel	<2.00		mg/kg	7014311	7014311-BLK1	02/02/07 09:26
Surrogate: o-Terphenyl	80%			7014311	7014311-BLK1	02/02/07 09:26

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B								
7014161-BS1								
Benzene	0.100	0.116		mg/kg	116%	69 - 131	7014161	01/30/07 15:11
Ethylbenzene	0.100	0.110		mg/kg	110%	79 - 123	7014161	01/30/07 15:11
Toluene	0.100	0.110		mg/kg	110%	74 - 122	7014161	01/30/07 15:11
Xylenes, total	0.200	0.222		mg/kg	111%	75 - 125	7014161	01/30/07 15:11
Surrogate: a,a,a-Trifluorotoluene	30.0	28.7			96%	59 - 159	7014161	01/30/07 15:11
7014162-BS1								
Benzene	0.100	0.0956		mg/kg	96%	69 - 131	7014162	01/30/07 07:05
Ethylbenzene	0.100	0.0931		mg/kg	93%	79 - 123	7014162	01/30/07 07:05
Toluene	0.100	0.0956		mg/kg	96%	74 - 122	7014162	01/30/07 07:05
Xylenes, total	0.200	0.188		mg/kg	94%	75 - 125	7014162	01/30/07 07:05
Surrogate: a,a,a-Trifluorotoluene	30.0	30.0			100%	59 - 159	7014162	01/30/07 07:05
7014728-BS1								
Benzene	0.100	0.0977		mg/kg	98%	69 - 131	7014728	01/30/07 23:23
Ethylbenzene	0.100	0.0979		mg/kg	98%	79 - 123	7014728	01/30/07 23:23
Toluene	0.100	0.0995		mg/kg	100%	74 - 122	7014728	01/30/07 23:23
Xylenes, total	0.200	0.198		mg/kg	99%	75 - 125	7014728	01/30/07 23:23
Surrogate: a,a,a-Trifluorotoluene	30.0	30.0			100%	59 - 159	7014728	01/30/07 23:23
7014911-BS1								
Benzene	0.100	0.100		mg/kg	100%	69 - 131	7014911	01/31/07 20:02
Ethylbenzene	0.100	0.101		mg/kg	101%	79 - 123	7014911	01/31/07 20:02
Toluene	0.100	0.103		mg/kg	103%	74 - 122	7014911	01/31/07 20:02
Xylenes, total	0.200	0.206		mg/kg	103%	75 - 125	7014911	01/31/07 20:02
Surrogate: a,a,a-Trifluorotoluene	30.0	30.0			100%	59 - 159	7014911	01/31/07 20:02
Selected Volatile Organic Compounds by EPA Method 8260B								
7014135-BS1								
Benzene	0.0500	0.0500		mg/kg	100%	78 - 123	7014135	01/29/07 10:58
Tertiary Butyl Alcohol	0.500	0.421		mg/kg	84%	22 - 159	7014135	01/29/07 10:58
Ethylbenzene	0.0500	0.0480		mg/kg	96%	78 - 127	7014135	01/29/07 10:58
Methyl tert-Butyl Ether	0.0500	0.0492		mg/kg	98%	62 - 129	7014135	01/29/07 10:58
Diisopropyl Ether	0.0500	0.0444		mg/kg	89%	70 - 122	7014135	01/29/07 10:58
Toluene	0.0500	0.0471		mg/kg	94%	77 - 124	7014135	01/29/07 10:58
Ethyl tert-Butyl Ether	0.0500	0.0494		mg/kg	99%	66 - 126	7014135	01/29/07 10:58
1,2-Dichloroethane	0.0500	0.0486		mg/kg	97%	73 - 131	7014135	01/29/07 10:58
Tert-Amyl Methyl Ether	0.0500	0.0538		mg/kg	108%	67 - 130	7014135	01/29/07 10:58
Xylenes, total	0.150	0.143		mg/kg	95%	77 - 128	7014135	01/29/07 10:58
1,2-Dibromoethane (EDB)	0.0500	0.0471		mg/kg	94%	79 - 129	7014135	01/29/07 10:58
Surrogate: 1,2-Dichloroethane-d4	50.0	46.4			93%	54 - 145	7014135	01/29/07 10:58
Surrogate: 1,2-Dichloroethane-d4	50.0	46.4			93%	54 - 145	7014135	01/29/07 10:58

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B								
7014135-BS1								
Surrogate: Dibromofluoromethane	50.0	49.8			100%	67 - 129	7014135	01/29/07 10:58
Surrogate: Dibromofluoromethane	50.0	49.8			100%	67 - 129	7014135	01/29/07 10:58
Surrogate: Toluene-d8	50.0	47.6			95%	66 - 142	7014135	01/29/07 10:58
Surrogate: Toluene-d8	50.0	47.6			95%	66 - 142	7014135	01/29/07 10:58
Surrogate: 4-Bromofluorobenzene	50.0	50.2			100%	68 - 150	7014135	01/29/07 10:58
Surrogate: 4-Bromofluorobenzene	50.0	50.2			100%	68 - 150	7014135	01/29/07 10:58
7014137-BS1								
Benzene	50.0	47.0		ug/kg	94%	78 - 123	7014137	01/27/07 02:08
Tertiary Butyl Alcohol	500	416		ug/kg	83%	22 - 159	7014137	01/27/07 02:08
Ethylbenzene	50.0	45.5		ug/kg	91%	78 - 127	7014137	01/27/07 02:08
Methyl tert-Butyl Ether	50.0	44.7		ug/kg	89%	62 - 129	7014137	01/27/07 02:08
Diisopropyl Ether	50.0	45.5		ug/kg	91%	70 - 122	7014137	01/27/07 02:08
Toluene	50.0	47.1		ug/kg	94%	77 - 124	7014137	01/27/07 02:08
Ethyl tert-Butyl Ether	50.0	47.5		ug/kg	95%	66 - 126	7014137	01/27/07 02:08
1,2-Dichloroethane	50.0	43.4		ug/kg	87%	73 - 131	7014137	01/27/07 02:08
Tert-Amyl Methyl Ether	50.0	47.6		ug/kg	95%	67 - 130	7014137	01/27/07 02:08
Xylenes, total	150	134		ug/kg	89%	77 - 128	7014137	01/27/07 02:08
1,2-Dibromoethane (EDB)	50.0	51.8		ug/kg	104%	79 - 129	7014137	01/27/07 02:08
Surrogate: 1,2-Dichloroethane-d4	50.0	50.4			101%	54 - 145	7014137	01/27/07 02:08
Surrogate: 1,2-Dichloroethane-d4	50.0	50.4			101%	54 - 145	7014137	01/27/07 02:08
Surrogate: Dibromofluoromethane	50.0	53.1			106%	67 - 129	7014137	01/27/07 02:08
Surrogate: Dibromofluoromethane	50.0	53.1			106%	67 - 129	7014137	01/27/07 02:08
Surrogate: Toluene-d8	50.0	58.8			118%	66 - 142	7014137	01/27/07 02:08
Surrogate: Toluene-d8	50.0	58.8			118%	66 - 142	7014137	01/27/07 02:08
Surrogate: 4-Bromofluorobenzene	50.0	54.6			109%	68 - 150	7014137	01/27/07 02:08
Surrogate: 4-Bromofluorobenzene	50.0	54.6			109%	68 - 150	7014137	01/27/07 02:08
7014138-BS1								
Benzene	0.0500	0.0479		mg/kg	96%	78 - 123	7014138	01/26/07 16:06
Tertiary Butyl Alcohol	0.500	0.620		mg/kg	124%	22 - 159	7014138	01/26/07 16:06
Ethylbenzene	0.0500	0.0487		mg/kg	97%	78 - 127	7014138	01/26/07 16:06
Methyl tert-Butyl Ether	0.0500	0.0504		mg/kg	101%	62 - 129	7014138	01/26/07 16:06
Diisopropyl Ether	0.0500	0.0544		mg/kg	109%	70 - 122	7014138	01/26/07 16:06
Toluene	0.0500	0.0483		mg/kg	97%	77 - 124	7014138	01/26/07 16:06
Ethyl tert-Butyl Ether	0.0500	0.0546		mg/kg	109%	66 - 126	7014138	01/26/07 16:06
1,2-Dichloroethane	0.0500	0.0522		mg/kg	104%	73 - 131	7014138	01/26/07 16:06
Tert-Amyl Methyl Ether	0.0500	0.0559		mg/kg	112%	67 - 130	7014138	01/26/07 16:06
Xylenes, total	0.150	0.138		mg/kg	92%	77 - 128	7014138	01/26/07 16:06
1,2-Dibromoethane (EDB)	0.0500	0.0556		mg/kg	111%	79 - 129	7014138	01/26/07 16:06
Surrogate: 1,2-Dichloroethane-d4	50.0	49.8			100%	54 - 145	7014138	01/26/07 16:06
Surrogate: 1,2-Dichloroethane-d4	50.0	49.8			100%	54 - 145	7014138	01/26/07 16:06

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
7014138-BS1								
Surrogate: Dibromofluoromethane	50.0	46.7			93%	67 - 129	7014138	01/26/07 16:06
Surrogate: Dibromofluoromethane	50.0	46.7			93%	67 - 129	7014138	01/26/07 16:06
Surrogate: Toluene-d8	50.0	50.3			101%	66 - 142	7014138	01/26/07 16:06
Surrogate: Toluene-d8	50.0	50.3			101%	66 - 142	7014138	01/26/07 16:06
Surrogate: 4-Bromofluorobenzene	50.0	46.6			93%	68 - 150	7014138	01/26/07 16:06
Surrogate: 4-Bromofluorobenzene	50.0	46.6			93%	68 - 150	7014138	01/26/07 16:06
7014139-BS1								
Benzene	50.0	46.7		ug/kg	93%	78 - 123	7014139	01/30/07 05:59
Tertiary Butyl Alcohol	500	299		ug/kg	60%	22 - 159	7014139	01/30/07 05:59
Ethylbenzene	50.0	44.7		ug/kg	89%	78 - 127	7014139	01/30/07 05:59
Methyl tert-Butyl Ether	50.0	38.3		ug/kg	77%	62 - 129	7014139	01/30/07 05:59
Diisopropyl Ether	50.0	44.1		ug/kg	88%	70 - 122	7014139	01/30/07 05:59
Toluene	50.0	47.3		ug/kg	95%	77 - 124	7014139	01/30/07 05:59
Ethyl tert-Butyl Ether	50.0	42.9		ug/kg	86%	66 - 126	7014139	01/30/07 05:59
1,2-Dichloroethane	50.0	41.1		ug/kg	82%	73 - 131	7014139	01/30/07 05:59
Tert-Amyl Methyl Ether	50.0	41.9		ug/kg	84%	67 - 130	7014139	01/30/07 05:59
Xylenes, total	150	131		ug/kg	87%	77 - 128	7014139	01/30/07 05:59
1,2-Dibromoethane (EDB)	50.0	46.7		ug/kg	93%	79 - 129	7014139	01/30/07 05:59
Surrogate: 1,2-Dichloroethane-d4	50.0	47.6			95%	54 - 145	7014139	01/30/07 05:59
Surrogate: 1,2-Dichloroethane-d4	50.0	47.6			95%	54 - 145	7014139	01/30/07 05:59
Surrogate: Dibromofluoromethane	50.0	52.5			105%	67 - 129	7014139	01/30/07 05:59
Surrogate: Dibromofluoromethane	50.0	52.5			105%	67 - 129	7014139	01/30/07 05:59
Surrogate: Toluene-d8	50.0	59.1			118%	66 - 142	7014139	01/30/07 05:59
Surrogate: Toluene-d8	50.0	59.1			118%	66 - 142	7014139	01/30/07 05:59
Surrogate: 4-Bromofluorobenzene	50.0	53.3			107%	68 - 150	7014139	01/30/07 05:59
Surrogate: 4-Bromofluorobenzene	50.0	53.3			107%	68 - 150	7014139	01/30/07 05:59
7014396-BS1								
Benzene	0.0500	0.0522		mg/kg	104%	78 - 123	7014396	01/27/07 03:51
Tertiary Butyl Alcohol	0.500	0.437		mg/kg	87%	22 - 159	7014396	01/27/07 03:51
Ethylbenzene	0.0500	0.0476		mg/kg	95%	78 - 127	7014396	01/27/07 03:51
Methyl tert-Butyl Ether	0.0500	0.0534		mg/kg	107%	62 - 129	7014396	01/27/07 03:51
Diisopropyl Ether	0.0500	0.0467		mg/kg	93%	70 - 122	7014396	01/27/07 03:51
Toluene	0.0500	0.0470		mg/kg	94%	77 - 124	7014396	01/27/07 03:51
Ethyl tert-Butyl Ether	0.0500	0.0529		mg/kg	106%	66 - 126	7014396	01/27/07 03:51
1,2-Dichloroethane	0.0500	0.0550		mg/kg	110%	73 - 131	7014396	01/27/07 03:51
Tert-Amyl Methyl Ether	0.0500	0.0560		mg/kg	112%	67 - 130	7014396	01/27/07 03:51
Xylenes, total	0.150	0.143		mg/kg	95%	77 - 128	7014396	01/27/07 03:51
1,2-Dibromoethane (EDB)	0.0500	0.0502		mg/kg	100%	79 - 129	7014396	01/27/07 03:51
Surrogate: 1,2-Dichloroethane-d4	50.0	50.1			100%	54 - 145	7014396	01/27/07 03:51
Surrogate: 1,2-Dichloroethane-d4	50.0	50.1			100%	54 - 145	7014396	01/27/07 03:51

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA
LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B								
7014396-BS1								
Surrogate: Dibromofluoromethane	50.0	50.4			101%	67 - 129	7014396	01/27/07 03:51
Surrogate: Dibromofluoromethane	50.0	50.4			101%	67 - 129	7014396	01/27/07 03:51
Surrogate: Toluene-d8	50.0	46.9			94%	66 - 142	7014396	01/27/07 03:51
Surrogate: Toluene-d8	50.0	46.9			94%	66 - 142	7014396	01/27/07 03:51
Surrogate: 4-Bromofluorobenzene	50.0	55.4			111%	68 - 150	7014396	01/27/07 03:51
Surrogate: 4-Bromofluorobenzene	50.0	55.4			111%	68 - 150	7014396	01/27/07 03:51
Purgeable Petroleum Hydrocarbons								
7014161-BS2								
GRO as Gasoline	10.0	9.49		mg/kg	95%	76 - 117	7014161	01/30/07 15:32
Surrogate: a,a,a-Trifluorotoluene	30.0	35.1			117%	66 - 146	7014161	01/30/07 15:32
7014162-BS2								
GRO as Gasoline	10.0	9.14		mg/kg	91%	76 - 117	7014162	01/30/07 07:40
Surrogate: a,a,a-Trifluorotoluene	30.0	35.4			118%	66 - 146	7014162	01/30/07 07:40
7014728-BS2								
GRO as Gasoline	10.0	9.51		mg/kg	95%	76 - 117	7014728	01/31/07 00:29
Surrogate: a,a,a-Trifluorotoluene	30.0	31.4			105%	66 - 146	7014728	01/31/07 00:29
7014911-BS2								
GRO as Gasoline	10.0	9.53		mg/kg	95%	76 - 117	7014911	01/31/07 21:08
Surrogate: a,a,a-Trifluorotoluene	30.0	33.5			112%	66 - 146	7014911	01/31/07 21:08
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
7014310-BS1								
Diesel	40.0	47.0		mg/kg	118%	41 - 141	7014310	02/03/07 16:53
Surrogate: o-Terphenyl	0.800	0.926			116%	32 - 132	7014310	02/03/07 16:53
7014311-BS1								
Diesel	40.0	35.8		mg/kg	90%	41 - 141	7014311	02/02/07 01:46
Surrogate: o-Terphenyl	0.800	0.785			98%	32 - 132	7014311	02/02/07 01:46

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ANALYTICAL TESTING CORPORATION
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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B												
7014728-BSD1												
Benzene		0.0975		mg/kg	0.100	97%	69 - 131	0.2	48	7014728		01/30/07 23:56
Ethylbenzene		0.0987		mg/kg	0.100	99%	79 - 123	0.8	46	7014728		01/30/07 23:56
Toluene		0.0996		mg/kg	0.100	100%	74 - 122	0.1	50	7014728		01/30/07 23:56
Xylenes, total		0.198		mg/kg	0.200	99%	75 - 125	0	50	7014728		01/30/07 23:56
Surrogate: a,a,a-Trifluorotoluene		30.0		ug/L	30.0	100%	59 - 159			7014728		01/30/07 23:56
7014911-BSD1												
Benzene		0.0992		mg/kg	0.100	99%	69 - 131	0.8	48	7014911		01/31/07 20:35
Ethylbenzene		0.0993		mg/kg	0.100	99%	79 - 123	2	46	7014911		01/31/07 20:35
Toluene		0.101		mg/kg	0.100	101%	74 - 122	2	50	7014911		01/31/07 20:35
Xylenes, total		0.202		mg/kg	0.200	101%	75 - 125	2	50	7014911		01/31/07 20:35
Surrogate: a,a,a-Trifluorotoluene		30.0		ug/L	30.0	100%	59 - 159			7014911		01/31/07 20:35

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ANALYTICAL TESTING CORPORATION
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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B										
7014161-MS1										
Benzene	0.00133	0.0488		mg/kg	0.0500	95%	10 - 147	7014161	NQA2762-20	01/30/07 14:29
Ethylbenzene	ND	0.0431		mg/kg	0.0500	86%	10 - 138	7014161	NQA2762-20	01/30/07 14:29
Toluene	0.000912	0.0439		mg/kg	0.0500	86%	10 - 138	7014161	NQA2762-20	01/30/07 14:29
Xylenes, total	0.000691	0.0845		mg/kg	0.100	84%	10 - 142	7014161	NQA2762-20	01/30/07 14:29
Surrogate: a,a,a-Trifluorotoluene		28.6		ug/L	30.0	95%	59 - 159	7014161	NQA2762-20	01/30/07 14:29
7014162-MS1										
Benzene	0.00288	0.0394		mg/kg	0.0500	73%	10 - 147	7014162	NQA2762-40	01/30/07 06:00
Ethylbenzene	ND	0.0261		mg/kg	0.0500	52%	10 - 138	7014162	NQA2762-40	01/30/07 06:00
Toluene	ND	0.0307		mg/kg	0.0500	61%	10 - 138	7014162	NQA2762-40	01/30/07 06:00
Xylenes, total	ND	0.0507		mg/kg	0.100	51%	10 - 142	7014162	NQA2762-40	01/30/07 06:00
Surrogate: a,a,a-Trifluorotoluene		29.7		ug/L	30.0	99%	59 - 159	7014162	NQA2762-40	01/30/07 06:00
7014728-MS1										
Benzene	ND	0.0446		mg/kg	0.0500	89%	10 - 147	7014728	NQA2752-17	01/30/07 12:26
Ethylbenzene	ND	0.0391		mg/kg	0.0500	78%	10 - 138	7014728	NQA2752-17	01/30/07 12:26
Toluene	ND	0.0401		mg/kg	0.0500	80%	10 - 138	7014728	NQA2752-17	01/30/07 12:26
Xylenes, total	ND	0.0760		mg/kg	0.100	76%	10 - 142	7014728	NQA2752-17	01/30/07 12:26
Surrogate: a,a,a-Trifluorotoluene		30.1		ug/L	30.0	100%	59 - 159	7014728	NQA2752-17	01/30/07 12:26
Selected Volatile Organic Compounds by EPA Method 8260B										
7014135-MS1										
Benzene	ND	0.0467		mg/kg	0.0500	93%	41 - 134	7014135	NQA2756-11	01/29/07 21:09
Tertiary Butyl Alcohol	ND	0.290		mg/kg	0.500	58%	10 - 167	7014135	NQA2756-11	01/29/07 21:09
Ethylbenzene	ND	0.0409		mg/kg	0.0500	82%	27 - 143	7014135	NQA2756-11	01/29/07 21:09
Methyl tert-Butyl Ether	ND	0.0337		mg/kg	0.0500	67%	26 - 147	7014135	NQA2756-11	01/29/07 21:09
Diisopropyl Ether	ND	0.0378		mg/kg	0.0500	76%	43 - 131	7014135	NQA2756-11	01/29/07 21:09
Toluene	ND	0.0424		mg/kg	0.0500	85%	31 - 145	7014135	NQA2756-11	01/29/07 21:09
Ethyl tert-Butyl Ether	ND	0.0384		mg/kg	0.0500	77%	45 - 136	7014135	NQA2756-11	01/29/07 21:09
1,2-Dichloroethane	ND	0.0386		mg/kg	0.0500	77%	39 - 143	7014135	NQA2756-11	01/29/07 21:09
Tert-Amyl Methyl Ether	ND	0.0356		mg/kg	0.0500	71%	37 - 149	7014135	NQA2756-11	01/29/07 21:09
Xylenes, total	ND	0.120		mg/kg	0.150	80%	27 - 140	7014135	NQA2756-11	01/29/07 21:09
1,2-Dibromoethane (EDB)	ND	0.0337		mg/kg	0.0500	67%	33 - 147	7014135	NQA2756-11	01/29/07 21:09
Surrogate: 1,2-Dichloroethane-d4		49.7		ug/kg	50.0	99%	54 - 145	7014135	NQA2756-11	01/29/07 21:09
Surrogate: 1,2-Dichloroethane-d4		49.7		ug/kg	50.0	99%	54 - 145	7014135	NQA2756-11	01/29/07 21:09
Surrogate: Dibromofluoromethane		50.2		ug/kg	50.0	100%	67 - 129	7014135	NQA2756-11	01/29/07 21:09
Surrogate: Dibromofluoromethane		50.2		ug/kg	50.0	100%	67 - 129	7014135	NQA2756-11	01/29/07 21:09
Surrogate: Toluene-d8		48.0		ug/kg	50.0	96%	66 - 142	7014135	NQA2756-11	01/29/07 21:09

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
7014135-MS1										
Surrogate: Toluene-d8		48.0		ug/kg	50.0	96%	66 - 142	7014135	NQA2756-11	01/29/07 21:09
Surrogate: 4-Bromofluorobenzene		50.9		ug/kg	50.0	102%	68 - 150	7014135	NQA2756-11	01/29/07 21:09
Surrogate: 4-Bromofluorobenzene		50.9		ug/kg	50.0	102%	68 - 150	7014135	NQA2756-11	01/29/07 21:09
7014137-MS1										
Benzene	ND	47.4		ug/kg	50.0	95%	41 - 134	7014137	NQA2762-20	01/27/07 12:27
Tertiary Butyl Alcohol	ND	275		ug/kg	500	55%	10 - 167	7014137	NQA2762-20	01/27/07 12:27
Ethylbenzene	ND	46.5		ug/kg	50.0	93%	27 - 143	7014137	NQA2762-20	01/27/07 12:27
Methyl tert-Butyl Ether	ND	38.6		ug/kg	50.0	77%	26 - 147	7014137	NQA2762-20	01/27/07 12:27
Diisopropyl Ether	ND	41.2		ug/kg	50.0	82%	43 - 131	7014137	NQA2762-20	01/27/07 12:27
Toluene	ND	47.6		ug/kg	50.0	95%	31 - 145	7014137	NQA2762-20	01/27/07 12:27
Ethyl tert-Butyl Ether	ND	41.5		ug/kg	50.0	83%	45 - 136	7014137	NQA2762-20	01/27/07 12:27
1,2-Dichloroethane	ND	44.9		ug/kg	50.0	90%	39 - 143	7014137	NQA2762-20	01/27/07 12:27
Tert-Amyl Methyl Ether	ND	40.4		ug/kg	50.0	81%	37 - 149	7014137	NQA2762-20	01/27/07 12:27
Xylenes, total	ND	137		ug/kg	150	91%	27 - 140	7014137	NQA2762-20	01/27/07 12:27
1,2-Dibromoethane (EDB)	ND	45.6		ug/kg	50.0	91%	33 - 147	7014137	NQA2762-20	01/27/07 12:27
Surrogate: 1,2-Dichloroethane-d4		58.1		ug/kg	50.0	116%	54 - 145	7014137	NQA2762-20	01/27/07 12:27
Surrogate: 1,2-Dichloroethane-d4		58.1		ug/kg	50.0	116%	54 - 145	7014137	NQA2762-20	01/27/07 12:27
Surrogate: Dibromofluoromethane		57.1		ug/kg	50.0	114%	67 - 129	7014137	NQA2762-20	01/27/07 12:27
Surrogate: Dibromofluoromethane		57.1		ug/kg	50.0	114%	67 - 129	7014137	NQA2762-20	01/27/07 12:27
Surrogate: Toluene-d8		58.2		ug/kg	50.0	116%	66 - 142	7014137	NQA2762-20	01/27/07 12:27
Surrogate: Toluene-d8		58.2		ug/kg	50.0	116%	66 - 142	7014137	NQA2762-20	01/27/07 12:27
Surrogate: 4-Bromofluorobenzene		53.9		ug/kg	50.0	108%	68 - 150	7014137	NQA2762-20	01/27/07 12:27
Surrogate: 4-Bromofluorobenzene		53.9		ug/kg	50.0	108%	68 - 150	7014137	NQA2762-20	01/27/07 12:27
7014138-MS1										
Benzene	ND	0.0485		mg/kg	0.0500	97%	41 - 134	7014138	NQA2762-22	01/27/07 01:46
Tertiary Butyl Alcohol	ND	0.417		mg/kg	0.500	83%	10 - 167	7014138	NQA2762-22	01/27/07 01:46
Ethylbenzene	ND	0.0368		mg/kg	0.0500	74%	27 - 143	7014138	NQA2762-22	01/27/07 01:46
Methyl tert-Butyl Ether	ND	0.0459		mg/kg	0.0500	92%	26 - 147	7014138	NQA2762-22	01/27/07 01:46
Diisopropyl Ether	ND	0.0504		mg/kg	0.0500	101%	43 - 131	7014138	NQA2762-22	01/27/07 01:46
Toluene	ND	0.0416		mg/kg	0.0500	83%	31 - 145	7014138	NQA2762-22	01/27/07 01:46
Ethyl tert-Butyl Ether	ND	0.0516		mg/kg	0.0500	103%	45 - 136	7014138	NQA2762-22	01/27/07 01:46
1,2-Dichloroethane	ND	0.0456		mg/kg	0.0500	91%	39 - 143	7014138	NQA2762-22	01/27/07 01:46
Tert-Amyl Methyl Ether	ND	0.0504		mg/kg	0.0500	101%	37 - 149	7014138	NQA2762-22	01/27/07 01:46
Xylenes, total	ND	0.102		mg/kg	0.150	68%	27 - 140	7014138	NQA2762-22	01/27/07 01:46
1,2-Dibromoethane (EDB)	ND	0.0437		mg/kg	0.0500	87%	33 - 147	7014138	NQA2762-22	01/27/07 01:46
Surrogate: 1,2-Dichloroethane-d4		43.0		ug/kg	50.0	86%	54 - 145	7014138	NQA2762-22	01/27/07 01:46

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B										
7014138-MS1										
Surrogate: 1,2-Dichloroethane-d4		43.0		ug/kg	50.0	86%	54 - 145	7014138	NQA2762-22	01/27/07 01:46
Surrogate: Dibromofluoromethane		42.4		ug/kg	50.0	85%	67 - 129	7014138	NQA2762-22	01/27/07 01:46
Surrogate: Dibromofluoromethane		42.4		ug/kg	50.0	85%	67 - 129	7014138	NQA2762-22	01/27/07 01:46
Surrogate: Toluene-d8		50.2		ug/kg	50.0	100%	66 - 142	7014138	NQA2762-22	01/27/07 01:46
Surrogate: Toluene-d8		50.2		ug/kg	50.0	100%	66 - 142	7014138	NQA2762-22	01/27/07 01:46
Surrogate: 4-Bromofluorobenzene		44.2		ug/kg	50.0	88%	68 - 150	7014138	NQA2762-22	01/27/07 01:46
Surrogate: 4-Bromofluorobenzene		44.2		ug/kg	50.0	88%	68 - 150	7014138	NQA2762-22	01/27/07 01:46
7014139-MS1										
Benzene	1.51	40.1		ug/kg	50.0	77%	41 - 134	7014139	NQA2762-08	01/30/07 15:15
Tertiary Butyl Alcohol	ND	230		ug/kg	500	46%	10 - 167	7014139	NQA2762-08	01/30/07 15:15
Ethylbenzene	ND	40.5		ug/kg	50.0	81%	27 - 143	7014139	NQA2762-08	01/30/07 15:15
Methyl tert-Butyl Ether	ND	36.1		ug/kg	50.0	72%	26 - 147	7014139	NQA2762-08	01/30/07 15:15
Diisopropyl Ether	ND	59.7		ug/kg	50.0	119%	43 - 131	7014139	NQA2762-08	01/30/07 15:15
Toluene	1.72	41.0		ug/kg	50.0	79%	31 - 145	7014139	NQA2762-08	01/30/07 15:15
Ethyl tert-Butyl Ether	ND	36.9		ug/kg	50.0	74%	45 - 136	7014139	NQA2762-08	01/30/07 15:15
1,2-Dichloroethane	ND	33.2		ug/kg	50.0	66%	39 - 143	7014139	NQA2762-08	01/30/07 15:15
Tert-Amyl Methyl Ether	ND	36.3		ug/kg	50.0	73%	37 - 149	7014139	NQA2762-08	01/30/07 15:15
Xylenes, total	0.900	119		ug/kg	150	79%	27 - 140	7014139	NQA2762-08	01/30/07 15:15
1,2-Dibromoethane (EDB)	ND	38.6		ug/kg	50.0	77%	33 - 147	7014139	NQA2762-08	01/30/07 15:15
Surrogate: 1,2-Dichloroethane-d4		45.6		ug/kg	50.0	91%	54 - 145	7014139	NQA2762-08	01/30/07 15:15
Surrogate: 1,2-Dichloroethane-d4		45.6		ug/kg	50.0	91%	54 - 145	7014139	NQA2762-08	01/30/07 15:15
Surrogate: Dibromofluoromethane		50.9		ug/kg	50.0	102%	67 - 129	7014139	NQA2762-08	01/30/07 15:15
Surrogate: Dibromofluoromethane		50.9		ug/kg	50.0	102%	67 - 129	7014139	NQA2762-08	01/30/07 15:15
Surrogate: Toluene-d8		59.5		ug/kg	50.0	119%	66 - 142	7014139	NQA2762-08	01/30/07 15:15
Surrogate: Toluene-d8		59.5		ug/kg	50.0	119%	66 - 142	7014139	NQA2762-08	01/30/07 15:15
Surrogate: 4-Bromofluorobenzene		54.3		ug/kg	50.0	109%	68 - 150	7014139	NQA2762-08	01/30/07 15:15
Surrogate: 4-Bromofluorobenzene		54.3		ug/kg	50.0	109%	68 - 150	7014139	NQA2762-08	01/30/07 15:15
7014396-MS1										
Benzene	0.00155	0.0366		mg/kg	0.0500	70%	41 - 134	7014396	NQA2762-40	01/27/07 13:30
Tertiary Butyl Alcohol	ND	1.64	M1	mg/kg	0.500	328%	10 - 167	7014396	NQA2762-40	01/27/07 13:30
Ethylbenzene	ND	0.0228		mg/kg	0.0500	46%	27 - 143	7014396	NQA2762-40	01/27/07 13:30
Methyl tert-Butyl Ether	ND	0.0490		mg/kg	0.0500	98%	26 - 147	7014396	NQA2762-40	01/27/07 13:30
Diisopropyl Ether	ND	0.0368		mg/kg	0.0500	74%	43 - 131	7014396	NQA2762-40	01/27/07 13:30
Toluene	0.00109	0.0284		mg/kg	0.0500	55%	31 - 145	7014396	NQA2762-40	01/27/07 13:30
Ethyl tert-Butyl Ether	ND	0.0433		mg/kg	0.0500	87%	45 - 136	7014396	NQA2762-40	01/27/07 13:30
1,2-Dichloroethane	ND	0.0450		mg/kg	0.0500	90%	39 - 143	7014396	NQA2762-40	01/27/07 13:30

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike - Cont.

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8260B										
7014396-MS1										
Tert-Amyl Methyl Ether	ND	0.0461		mg/kg	0.0500	92%	37 - 149	7014396	NQA2762-40	01/27/07 13:30
Xylenes, total	0.00257	0.0681		mg/kg	0.150	44%	27 - 140	7014396	NQA2762-40	01/27/07 13:30
1,2-Dibromoethane (EDB)	ND	0.0444		mg/kg	0.0500	89%	33 - 147	7014396	NQA2762-40	01/27/07 13:30
Surrogate: 1,2-Dichloroethane-d4		55.3		ug/kg	50.0	111%	54 - 145	7014396	NQA2762-40	01/27/07 13:30
Surrogate: 1,2-Dichloroethane-d4		55.3		ug/kg	50.0	111%	54 - 145	7014396	NQA2762-40	01/27/07 13:30
Surrogate: Dibromofluoromethane		51.8		ug/kg	50.0	104%	67 - 129	7014396	NQA2762-40	01/27/07 13:30
Surrogate: Dibromofluoromethane		51.8		ug/kg	50.0	104%	67 - 129	7014396	NQA2762-40	01/27/07 13:30
Surrogate: Toluene-d8		47.3		ug/kg	50.0	95%	66 - 142	7014396	NQA2762-40	01/27/07 13:30
Surrogate: Toluene-d8		47.3		ug/kg	50.0	95%	66 - 142	7014396	NQA2762-40	01/27/07 13:30
Surrogate: 4-Bromofluorobenzene		50.7		ug/kg	50.0	101%	68 - 150	7014396	NQA2762-40	01/27/07 13:30
Surrogate: 4-Bromofluorobenzene		50.7		ug/kg	50.0	101%	68 - 150	7014396	NQA2762-40	01/27/07 13:30
Extractable Petroleum Hydrocarbons with Silica Gel Treatment										
7014310-MS1										
Diesel	ND	41.6		mg/kg	38.6	108%	24 - 133	7014310	NQA2762-12	02/03/07 17:11
Surrogate: o-Terphenyl		0.828		mg/kg	0.772	107%	32 - 132	7014310	NQA2762-12	02/03/07 17:11
7014311-MS1										
Diesel	ND	40.6		mg/kg	38.6	105%	24 - 133	7014311	NQA2762-24	02/02/07 02:03
Surrogate: o-Terphenyl		0.851		mg/kg	0.771	110%	32 - 132	7014311	NQA2762-24	02/02/07 02:03

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B												
7014161-MSD1												
Benzene	0.00133	0.0504		mg/kg	0.0500	98%	10 - 147	3	48	7014161	NQA2762-20	01/30/07 14:50
Ethylbenzene	ND	0.0440		mg/kg	0.0500	88%	10 - 138	2	46	7014161	NQA2762-20	01/30/07 14:50
Toluene	0.000912	0.0453		mg/kg	0.0500	89%	10 - 138	3	50	7014161	NQA2762-20	01/30/07 14:50
Xylenes, total	0.000691	0.0867		mg/kg	0.100	86%	10 - 142	3	50	7014161	NQA2762-20	01/30/07 14:50
Surrogate: a,a,a-Trifluorotoluene		29.5		ug/L	30.0	98%	59 - 159			7014161	NQA2762-20	01/30/07 14:50
7014162-MSD1												
Benzene	0.00288	0.0421		mg/kg	0.0500	78%	10 - 147	7	48	7014162	NQA2762-40	01/30/07 06:32
Ethylbenzene	ND	0.0380		mg/kg	0.0500	76%	10 - 138	37	46	7014162	NQA2762-40	01/30/07 06:32
Toluene	ND	0.0380		mg/kg	0.0500	76%	10 - 138	21	50	7014162	NQA2762-40	01/30/07 06:32
Xylenes, total	ND	0.0739		mg/kg	0.100	74%	10 - 142	37	50	7014162	NQA2762-40	01/30/07 06:32
Surrogate: a,a,a-Trifluorotoluene		30.1		ug/L	30.0	100%	59 - 159			7014162	NQA2762-40	01/30/07 06:32
7014728-MSD1												
Benzene	ND	0.0390		mg/kg	0.0500	78%	10 - 147	13	48	7014728	NQA2752-17	01/30/07 12:59
Ethylbenzene	ND	0.0334		mg/kg	0.0500	67%	10 - 138	16	46	7014728	NQA2752-17	01/30/07 12:59
Toluene	ND	0.0336		mg/kg	0.0500	67%	10 - 138	18	50	7014728	NQA2752-17	01/30/07 12:59
Xylenes, total	ND	0.0624		mg/kg	0.100	62%	10 - 142	20	50	7014728	NQA2752-17	01/30/07 12:59
Surrogate: a,a,a-Trifluorotoluene		30.1		ug/L	30.0	100%	59 - 159			7014728	NQA2752-17	01/30/07 12:59
Selected Volatile Organic Compounds by EPA Method 8260B												
7014135-MSD1												
Benzene	ND	0.0458		mg/kg	0.0500	92%	41 - 134	2	42	7014135	NQA2756-11	01/29/07 21:39
Tertiary Butyl Alcohol	ND	0.268		mg/kg	0.500	54%	10 - 167	8	47	7014135	NQA2756-11	01/29/07 21:39
Ethylbenzene	ND	0.0402		mg/kg	0.0500	80%	27 - 143	2	42	7014135	NQA2756-11	01/29/07 21:39
Methyl tert-Butyl Ether	ND	0.0314		mg/kg	0.0500	63%	26 - 147	7	47	7014135	NQA2756-11	01/29/07 21:39
Diisopropyl Ether	ND	0.0367		mg/kg	0.0500	73%	43 - 131	3	40	7014135	NQA2756-11	01/29/07 21:39
Toluene	ND	0.0409		mg/kg	0.0500	82%	31 - 145	4	50	7014135	NQA2756-11	01/29/07 21:39
Ethyl tert-Butyl Ether	ND	0.0368		mg/kg	0.0500	74%	45 - 136	4	50	7014135	NQA2756-11	01/29/07 21:39
1,2-Dichloroethane	ND	0.0361		mg/kg	0.0500	72%	39 - 143	7	42	7014135	NQA2756-11	01/29/07 21:39
Tert-Amyl Methyl Ether	ND	0.0339		mg/kg	0.0500	68%	37 - 149	5	43	7014135	NQA2756-11	01/29/07 21:39
Xylenes, total	ND	0.116		mg/kg	0.150	77%	27 - 140	3	50	7014135	NQA2756-11	01/29/07 21:39
1,2-Dibromoethane (EDB)	ND	0.0307		mg/kg	0.0500	61%	33 - 147	9	50	7014135	NQA2756-11	01/29/07 21:39
Surrogate: 1,2-Dichloroethane-d4		50.6		ug/kg	50.0	101%	54 - 145			7014135	NQA2756-11	01/29/07 21:39
Surrogate: 1,2-Dichloroethane-d4		50.6		ug/kg	50.0	101%	54 - 145			7014135	NQA2756-11	01/29/07 21:39
Surrogate: Dibromofluoromethane		50.2		ug/kg	50.0	100%	67 - 129			7014135	NQA2756-11	01/29/07 21:39
Surrogate: Dibromofluoromethane		50.2		ug/kg	50.0	100%	67 - 129			7014135	NQA2756-11	01/29/07 21:39
Surrogate: Toluene-d8		47.9		ug/kg	50.0	96%	66 - 142			7014135	NQA2756-11	01/29/07 21:39
Surrogate: Toluene-d8		47.9		ug/kg	50.0	96%	66 - 142			7014135	NQA2756-11	01/29/07 21:39
Surrogate: 4-Bromofluorobenzene		50.4		ug/kg	50.0	101%	68 - 150			7014135	NQA2756-11	01/29/07 21:39
Surrogate: 4-Bromofluorobenzene		50.4		ug/kg	50.0	101%	68 - 150			7014135	NQA2756-11	01/29/07 21:39

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B												
7014137-MSD1												
Benzene	ND	40.0		ug/kg	50.0	80%	41 - 134	17	42	7014137	NQA2762-20	01/27/07 12:58
Tertiary Butyl Alcohol	ND	183		ug/kg	500	37%	10 - 167	40	47	7014137	NQA2762-20	01/27/07 12:58
Ethylbenzene	ND	38.0		ug/kg	50.0	76%	27 - 143	20	42	7014137	NQA2762-20	01/27/07 12:58
Methyl tert-Butyl Ether	ND	29.2		ug/kg	50.0	58%	26 - 147	28	47	7014137	NQA2762-20	01/27/07 12:58
Diisopropyl Ether	ND	33.5		ug/kg	50.0	67%	43 - 131	21	40	7014137	NQA2762-20	01/27/07 12:58
Toluene	ND	39.8		ug/kg	50.0	80%	31 - 145	18	50	7014137	NQA2762-20	01/27/07 12:58
Ethyl tert-Butyl Ether	ND	33.4		ug/kg	50.0	67%	45 - 136	22	50	7014137	NQA2762-20	01/27/07 12:58
1,2-Dichloroethane	ND	34.6		ug/kg	50.0	69%	39 - 143	26	42	7014137	NQA2762-20	01/27/07 12:58
Tert-Amyl Methyl Ether	ND	31.6		ug/kg	50.0	63%	37 - 149	24	43	7014137	NQA2762-20	01/27/07 12:58
Xylenes, total	ND	112		ug/kg	150	75%	27 - 140	20	50	7014137	NQA2762-20	01/27/07 12:58
1,2-Dibromoethane (EDB)	ND	34.4		ug/kg	50.0	69%	33 - 147	28	50	7014137	NQA2762-20	01/27/07 12:58
Surrogate: 1,2-Dichloroethane-d4		56.8		ug/kg	50.0	114%	54 - 145			7014137	NQA2762-20	01/27/07 12:58
Surrogate: 1,2-Dichloroethane-d4		56.8		ug/kg	50.0	114%	54 - 145			7014137	NQA2762-20	01/27/07 12:58
Surrogate: Dibromofluoromethane		56.7		ug/kg	50.0	113%	67 - 129			7014137	NQA2762-20	01/27/07 12:58
Surrogate: Dibromofluoromethane		56.7		ug/kg	50.0	113%	67 - 129			7014137	NQA2762-20	01/27/07 12:58
Surrogate: Toluene-d8		58.6		ug/kg	50.0	117%	66 - 142			7014137	NQA2762-20	01/27/07 12:58
Surrogate: Toluene-d8		58.6		ug/kg	50.0	117%	66 - 142			7014137	NQA2762-20	01/27/07 12:58
Surrogate: 4-Bromofluorobenzene		53.7		ug/kg	50.0	107%	68 - 150			7014137	NQA2762-20	01/27/07 12:58
Surrogate: 4-Bromofluorobenzene		53.7		ug/kg	50.0	107%	68 - 150			7014137	NQA2762-20	01/27/07 12:58
7014138-MSD1												
Benzene	ND	0.0501		mg/kg	0.0500	100%	41 - 134	3	42	7014138	NQA2762-22	01/27/07 02:18
Tertiary Butyl Alcohol	ND	0.486		mg/kg	0.500	97%	10 - 167	15	47	7014138	NQA2762-22	01/27/07 02:18
Ethylbenzene	ND	0.0367		mg/kg	0.0500	73%	27 - 143	0.3	42	7014138	NQA2762-22	01/27/07 02:18
Methyl tert-Butyl Ether	ND	0.0485		mg/kg	0.0500	97%	26 - 147	6	47	7014138	NQA2762-22	01/27/07 02:18
Diisopropyl Ether	ND	0.0514		mg/kg	0.0500	103%	43 - 131	2	40	7014138	NQA2762-22	01/27/07 02:18
Toluene	ND	0.0426		mg/kg	0.0500	85%	31 - 145	2	50	7014138	NQA2762-22	01/27/07 02:18
Ethyl tert-Butyl Ether	ND	0.0526		mg/kg	0.0500	105%	45 - 136	2	50	7014138	NQA2762-22	01/27/07 02:18
1,2-Dichloroethane	ND	0.0474		mg/kg	0.0500	95%	39 - 143	4	42	7014138	NQA2762-22	01/27/07 02:18
Tert-Amyl Methyl Ether	ND	0.0530		mg/kg	0.0500	106%	37 - 149	5	43	7014138	NQA2762-22	01/27/07 02:18
Xylenes, total	ND	0.103		mg/kg	0.150	69%	27 - 140	1	50	7014138	NQA2762-22	01/27/07 02:18
1,2-Dibromoethane (EDB)	ND	0.0459		mg/kg	0.0500	92%	33 - 147	5	50	7014138	NQA2762-22	01/27/07 02:18
Surrogate: 1,2-Dichloroethane-d4		44.8		ug/kg	50.0	90%	54 - 145			7014138	NQA2762-22	01/27/07 02:18
Surrogate: 1,2-Dichloroethane-d4		44.8		ug/kg	50.0	90%	54 - 145			7014138	NQA2762-22	01/27/07 02:18
Surrogate: Dibromofluoromethane		43.1		ug/kg	50.0	86%	67 - 129			7014138	NQA2762-22	01/27/07 02:18
Surrogate: Dibromofluoromethane		43.1		ug/kg	50.0	86%	67 - 129			7014138	NQA2762-22	01/27/07 02:18
Surrogate: Toluene-d8		48.3		ug/kg	50.0	97%	66 - 142			7014138	NQA2762-22	01/27/07 02:18
Surrogate: Toluene-d8		48.3		ug/kg	50.0	97%	66 - 142			7014138	NQA2762-22	01/27/07 02:18
Surrogate: 4-Bromofluorobenzene		43.7		ug/kg	50.0	87%	68 - 150			7014138	NQA2762-22	01/27/07 02:18
Surrogate: 4-Bromofluorobenzene		43.7		ug/kg	50.0	87%	68 - 150			7014138	NQA2762-22	01/27/07 02:18
7014139-MSD1												

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Selected Volatile Organic Compounds by EPA Method 8260B												
7014139-MSD1												
Benzene	1.51	42.2		ug/kg	50.0	81%	41 - 134	5	42	7014139	NQA2762-08	01/30/07 15:46
Tertiary Butyl Alcohol	ND	259		ug/kg	500	52%	10 - 167	12	47	7014139	NQA2762-08	01/30/07 15:46
Ethylbenzene	ND	43.0		ug/kg	50.0	86%	27 - 143	6	42	7014139	NQA2762-08	01/30/07 15:46
Methyl tert-Butyl Ether	ND	39.1		ug/kg	50.0	78%	26 - 147	8	47	7014139	NQA2762-08	01/30/07 15:46
Diisopropyl Ether	ND	64.5		ug/kg	50.0	129%	43 - 131	8	40	7014139	NQA2762-08	01/30/07 15:46
Toluene	1.72	43.0		ug/kg	50.0	83%	31 - 145	5	50	7014139	NQA2762-08	01/30/07 15:46
Ethyl tert-Butyl Ether	ND	38.6		ug/kg	50.0	77%	45 - 136	5	50	7014139	NQA2762-08	01/30/07 15:46
1,2-Dichloroethane	ND	34.6		ug/kg	50.0	69%	39 - 143	4	42	7014139	NQA2762-08	01/30/07 15:46
Tert-Amyl Methyl Ether	ND	38.3		ug/kg	50.0	77%	37 - 149	5	43	7014139	NQA2762-08	01/30/07 15:46
Xylenes, total	0.900	126		ug/kg	150	83%	27 - 140	6	50	7014139	NQA2762-08	01/30/07 15:46
1,2-Dibromoethane (EDB)	ND	40.5		ug/kg	50.0	81%	33 - 147	5	50	7014139	NQA2762-08	01/30/07 15:46
Surrogate: 1,2-Dichloroethane-d4		45.7		ug/kg	50.0	91%	54 - 145			7014139	NQA2762-08	01/30/07 15:46
Surrogate: 1,2-Dichloroethane-d4		45.7		ug/kg	50.0	91%	54 - 145			7014139	NQA2762-08	01/30/07 15:46
Surrogate: Dibromofluoromethane		51.0		ug/kg	50.0	102%	67 - 129			7014139	NQA2762-08	01/30/07 15:46
Surrogate: Dibromofluoromethane		51.0		ug/kg	50.0	102%	67 - 129			7014139	NQA2762-08	01/30/07 15:46
Surrogate: Toluene-d8		59.4		ug/kg	50.0	119%	66 - 142			7014139	NQA2762-08	01/30/07 15:46
Surrogate: Toluene-d8		59.4		ug/kg	50.0	119%	66 - 142			7014139	NQA2762-08	01/30/07 15:46
Surrogate: 4-Bromofluorobenzene		52.5		ug/kg	50.0	105%	68 - 150			7014139	NQA2762-08	01/30/07 15:46
Surrogate: 4-Bromofluorobenzene		52.5		ug/kg	50.0	105%	68 - 150			7014139	NQA2762-08	01/30/07 15:46
7014396-MSD1												
Benzene	0.00155	0.0397		mg/kg	0.0500	76%	41 - 134	8	42	7014396	NQA2762-40	01/27/07 14:01
Tertiary Butyl Alcohol	ND	1.63	M1	mg/kg	0.500	326%	10 - 167	0.6	47	7014396	NQA2762-40	01/27/07 14:01
Ethylbenzene	ND	0.0287		mg/kg	0.0500	57%	27 - 143	23	42	7014396	NQA2762-40	01/27/07 14:01
Methyl tert-Butyl Ether	ND	0.0485		mg/kg	0.0500	97%	26 - 147	1	47	7014396	NQA2762-40	01/27/07 14:01
Diisopropyl Ether	ND	0.0371		mg/kg	0.0500	74%	43 - 131	0.8	40	7014396	NQA2762-40	01/27/07 14:01
Toluene	0.00109	0.0328		mg/kg	0.0500	63%	31 - 145	14	50	7014396	NQA2762-40	01/27/07 14:01
Ethyl tert-Butyl Ether	ND	0.0440		mg/kg	0.0500	88%	45 - 136	2	50	7014396	NQA2762-40	01/27/07 14:01
1,2-Dichloroethane	ND	0.0466		mg/kg	0.0500	93%	39 - 143	3	42	7014396	NQA2762-40	01/27/07 14:01
Tert-Amyl Methyl Ether	ND	0.0470		mg/kg	0.0500	94%	37 - 149	2	43	7014396	NQA2762-40	01/27/07 14:01
Xylenes, total	0.00257	0.0850		mg/kg	0.150	55%	27 - 140	22	50	7014396	NQA2762-40	01/27/07 14:01
1,2-Dibromoethane (EDB)	ND	0.0472		mg/kg	0.0500	94%	33 - 147	6	50	7014396	NQA2762-40	01/27/07 14:01
Surrogate: 1,2-Dichloroethane-d4		55.6		ug/kg	50.0	111%	54 - 145			7014396	NQA2762-40	01/27/07 14:01
Surrogate: 1,2-Dichloroethane-d4		55.6		ug/kg	50.0	111%	54 - 145			7014396	NQA2762-40	01/27/07 14:01
Surrogate: Dibromofluoromethane		51.6		ug/kg	50.0	103%	67 - 129			7014396	NQA2762-40	01/27/07 14:01
Surrogate: Dibromofluoromethane		51.6		ug/kg	50.0	103%	67 - 129			7014396	NQA2762-40	01/27/07 14:01
Surrogate: Toluene-d8		47.5		ug/kg	50.0	95%	66 - 142			7014396	NQA2762-40	01/27/07 14:01
Surrogate: Toluene-d8		47.5		ug/kg	50.0	95%	66 - 142			7014396	NQA2762-40	01/27/07 14:01
Surrogate: 4-Bromofluorobenzene		50.2		ug/kg	50.0	100%	68 - 150			7014396	NQA2762-40	01/27/07 14:01
Surrogate: 4-Bromofluorobenzene		50.2		ug/kg	50.0	100%	68 - 150			7014396	NQA2762-40	01/27/07 14:01

TestAmerica
ANALYTICAL TESTING CORPORATION
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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup - Cont.

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Extractable Petroleum Hydrocarbons with Silica Gel Treatment												
7014310-MSD1												
Diesel	ND	47.0		mg/kg	39.2	120%	24 - 133	12	50	7014310	NQA2762-12	02/03/07 17:29
Surrogate: o-Terphenyl		0.928		mg/kg	0.783	119%	32 - 132			7014310	NQA2762-12	02/03/07 17:29
7014311-MSD1												
Diesel	ND	38.8		mg/kg	38.8	100%	24 - 133	5	50	7014311	NQA2762-24	02/02/07 02:20
Surrogate: o-Terphenyl		0.804		mg/kg	0.775	104%	32 - 132			7014311	NQA2762-24	02/02/07 02:20

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	California
NA	Soil			
SW846 8015B	Soil	N/A	X	X
SW846 8021B	Soil	N/A	X	X
SW846 8260B	Soil	N/A	X	X
SW-846	Soil			

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte
SW-846	Soil	% Dry Solids

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2762
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

DATA QUALIFIERS AND DEFINITIONS

C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
ID2	Secondary ion abundances were outside method requirements. Identification based on analytical judgement.
M1	The MS and/or MSD were above the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
Z2	Surrogate recovery was above the acceptance limits. Data not impacted.
ZX	Due to sample matrix effects, the surrogate recovery was outside the acceptance limits.

METHOD MODIFICATION NOTES

TestAmerica
ANALYTICAL TESTING CORPORATION

NQA2762

Nashville Division
COOLER RECEIPT FORM BC#

Cooler Received/Opened On 1/26/07 @ 8:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 4219

Fed-Ex UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: -0.6 **Degrees Celsius**
(indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 10594 90942856

3. Were custody seals on outside of cooler?..... YES....NO....NA

a. If yes, how many and where: 1 front

4. Were the seals intact, signed, and dated correctly?..... YES....NO...NA

5. Were custody papers inside cooler?..... YES....NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... JR

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

Plastic bag Paper Other_____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... JR

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... JR

15. Were custody papers properly filled out (ink, signed, etc)?..... YES...NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES...NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... JR

I certify that I attached a label with the unique LIMS number to each container (intial)..... JR

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #_____

BIS = Broken in shipment

TestAmerica
ANALYTICAL TESTING CORPORATION

Nashville Division
COOLER RECEIPT FORM BC#

Cooler Received/Opened On 1/26/07 @ 8:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 0330

Fed-Ex UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: -1.0 Degrees Celsius (indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 10594 90942856

3. Were custody seals on outside of cooler?..... YES....NO....NA

a. If yes, how many and where: 1 Front

4. Were the seals intact, signed, and dated correctly?..... YES....NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... JP

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly?..... YES...NO...NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert Plastic bag Paper Other_____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... YES...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... YES...NO...NA

11. Did all container labels and tags agree with custody papers?..... YES...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... JP

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...NA

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...NA

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... JP

15. Were custody papers properly filled out (ink, signed, etc)?..... YES....NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES....NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... JP

I certify that I attached a label with the unique LIMS number to each container (intial)..... JP

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO #_____

BIS = Broken in shipment

TestAmerica
ANALYTICAL TESTING CORPORATION

Morgan Hill Division
885 Jarvis Drive
Morgan Hill, CA 95037

Phone: 408-776-9600
Fax: 408-782-6308

ExxonMobil

Consultant Name:	ETIC Engineering	TA Account #:	10256
Address:	2285 Morello Avenue	Invoice To:	(ExxonMobil PM unless otherwise indicated)
City/State/Zip:	Pleasant Hill, Ca 94523	Report To:	
ExxonMobil Project Mgr:	Jennifer Sedlachek	PO #:	4508104331
Consultant Project Mgr:	Erik Appel	PROJECT #:	TM4121 Task 3
		Facility ID #	7-4121
Consultant Telephone Number:	925-602-4710	Site Address	10605 Foothill Boulevard
Fax No.:	925-602-4720	City, State, Zip	Oakland, CA
Sampler Name: (Print)	Erik Appel	Regulatory District (CA)	
Sampler Signature:			

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: TPH-g & TPH-d - EPA8015B	BTEX - EPA 8021B	Oxygenates * - EPA8260B								RUSH TAT (Pre-Schedule) *	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
MW1@6-6.5	1/23/07	0835	1																X		X	X	X	NQA2762-1								10	NO	
MW1@8-8.5		0845	1																X		X	X	X	2											
MW1@10-10.5		0850	1																X		X	X	X	3											
MW1@11.5-12		0854	1																X		X	X	X	4											
MW1@12-12.5		0855	1																X		X	X	X	5											
MW1@14-14.5		0855	1																X		X	X	X	6											
MW1@15.5-16		0905	1																X		X	X	X	7											
MW1@16-16.5		0905	1																X		X	X	X	8											
MW1@17.5-18		0908	1																X		X	X	X	9											
MW1@18-18.5	↓	0908	1																X		X	X	X	10											

Comments/Special Instructions:

* OXYGENATES = MTBE, TBA, DIPE, ETBE, TAME, EDB, & 1,2-DCA

Laboratory Comments:

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

QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other

* It will be the responsibility of ExxonMobil or its consultant to notify the TestAmerica Project Manager by phone or fax that a rush sample will be submitted.
TA Project Manager: Date:

Relinquished by:	Date	Time	Received by:	Date	Time
	1/23/07	1850		1-24-07	1545
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	1-24-07	1845		1/24/07	1845

1/25/07 13:50

1/26/07 -0.6° 8:00

TestAmerica ANALYTICAL TESTING CORPORATION

Morgan Hill Division
885 Jarvis Drive
Morgan Hill, CA 95037

Phone: 408-776-9600
Fax: 408-782-6308

ExxonMobil

10256

Consultant Name: ETIC Engineering
Address: 2285 Morello Avenue
City/State/Zip: Pleasant Hill, Ca 94523
ExxonMobil Project Mgr: Jennifer Sedlachek
Consultant Project Mgr: Erik Appel
Consultant Telephone Number: 925-602-4710 **Fax No.:** 925-602-4720
Sampler Name: (Print) Erik Appel
Sampler Signature:

TA Account #:
Invoice To: (ExxonMobil PM unless otherwise indicated)
Report To:
PO #: 4508104331
PROJECT #: TM4121 Task 3
Facility ID # 7-4121
Site Address 10605 Foothill Boulevard
City, State, Zip Oakland, CA
Regulatory District (CA)

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: TPH-g & TPH-d - EPA8015B	BTEX - EPA 8021B	Oxygenates * - EPA8260B								RUSH TAT (Pre-Schedule) *	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
MW1@ 19.5-20	1/23/07	0910	1																X		X	X	X		2762-	11						10	no	
MW1@ 20-20.5		0910	1																X		X	X	X			12								
MW1@ 22-22.5		0920	1																X		X	X	X			13								
MW2@ 6-6.5		1100	1																X		X	X	X			14								
MW2@ 8-8.5		1110	1																X		X	X	X			15								
MW2@ 10-10.5		1115	1																X		X	X	X			16								
MW2@ 12-12.5		1120	1																X		X	X	X			17								
MW2@ 14-14.5		1123	1																X		X	X	X			18								
MW2@ 15-15		1130	1																X		X	X	X			19								
MW2@ 16-16.5		1130	1																X		X	X	X			20								

Comments/Special Instructions:

* OXYGENATES = MTBE, TBA, DIPE, ETBE, TAME, EDB, & 1,2-DCA

Laboratory Comments:

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

QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other

* It will be the responsibility of ExxonMobil or its consultant to notify the TestAmerica Project Manager by phone or fax that a rush sample will be submitted.
TA Project Manager: Date:

Relinquished by:	Date	Time	Received by:	Date	Time
	1/23/07	1850		1-24-07	1545
Relinquished by:	**Date**	**Time**	**Received by TestAmerica:**	**Date**	**Time**
	1-24-07	1840		1/26/07	1840

1/25/07 13:50

1/26/07 8:00 -0.6°C

TestAmerica ANALYTICAL TESTING CORPORATION

Morgan Hill Division
885 Jarvis Drive
Morgan Hill, CA 95037

Phone: 408-776-9600
Fax: 408-782-6308

ExxonMobil

TA Account #: 10256

Consultant Name: ETIC Engineering
Address: 2285 Morello Avenue
City/State/Zip: Pleasant Hill, Ca 94523
ExxonMobil Project Mgr: Jennifer Sedlachek
Consultant Project Mgr: Erik Appel

Consultant Telephone Number: 925-602-4710 Fax No.: 925-602-4720
Sampler Name: (Print) Erik Appel
Sampler Signature:

Invoice To: (ExxonMobil PM unless otherwise indicated)
Report To:
PO #: 4508104331
PROJECT #: TM4121 Task 3
Facility ID # 7-4121
Site Address 10605 Foothill Boulevard
City, State, Zip Oakland, CA
Regulatory District (CA)

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: TPH-g & TPH-d - EPA8015B	BTEX - EPA 8021B	Oxygenates * - EPA8260B	27 62-							RUSH TAT (Pre-Schedule) *	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
MW2@18-18.5	1/23/07	1135	1																X		X	X	X	21								10	no	
MW2@19.5-20		1135	1																X		X	X	X	22										
MW2@20-20.5		1135	1																X		X	X	X	23										
MW2@21.5-22		1145	1																X		X	X	X	24										
MW2@22-22.5		1145	1																X		X	X	X	25										
MW2@23.5-24		1148	1																X		X	X	X	26										
MW2@24-24.5		1148	1																X		X	X	X	27										
MW2@26-26.5		1150	1																X		X	X	X	28										
MW5@6-6.5		1415	1																X		X	X	X	29										
MW5@8-8.5		1420	1																X		X	X	X	30										

Comments/Special Instructions:

* OXYGENATES = MTBE, TBA, DIPE, ETBE, TAME, EDB, & 1,2-DCA

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other
* It will be the responsibility of ExxonMobil or its consultant to notify the TestAmerica Project Manager by phone or fax that a rush sample will be submitted.
TA Project Manager: Date:

Relinquished by:	Date	Time	Received by:	Date	Time
	1/23/07	1850		1-24-07	1545
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	1-24-07	1840		1/24/07	1840

1/25/07 13:50

1/26/07 -0.6C 8:00

TestAmerica
ANALYTICAL TESTING CORPORATION

Morgan Hill Division
885 Jarvis Drive
Morgan Hill, CA 95037

Phone: 408-776-9600
Fax: 408-782-6308

ExxonMobil

Consultant Name: ETIC Engineering
Address: 2285 Morello Avenue
City/State/Zip: Pleasant Hill, Ca 94523
ExxonMobil Project Mgr: Jennifer Sedlachek
Consultant Project Mgr: Erik Appel

Consultant Telephone Number: 925-602-4710 Fax No.: 925-602-4720
Sampler Name: (Print) Erik Appel
Sampler Signature:

TA Account #: 10236
Invoice To: (ExxonMobil PM unless otherwise indicated)
Report To:
PO #: 4508104331
PROJECT #: TM4121 Task 3
Facility ID # 7-4121
Site Address 10605 Foothill Boulevard
City, State, Zip Oakland, CA
Regulatory District (CA)

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: TPH-g & TPH-d - EPA8015B	BTEX - EPA 8021B	Oxygenates * - EPA8260B							RUSH TAT (Pre-Schedule) *	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
MW5 @ 10-10.5	1/23/07	1422	1																X		X	X	X		2762-	31					10	Y	
MW5 @ 12-12.5		1426	1																X		X	X	X			32							
MW5 @ 14-14.5		1432	1																X		X	X	X			33							
MW5 @ 16-16.5		1435	1																X		X	X	X			34							
MW5 @ 18-18.5		1440	1																X		X	X	X			35							
MW5 @ 19.5-20		1445	1																X		X	X	X			36							
MW5 @ 20-20.5		1445	1																X		X	X	X			37							
MW5 @ 22-22.5		1448	1																X		X	X	X			38							
MW5 @ 24-24.5		1453	1																X		X	X	X			39							
MW5 @ 26-26.5	↓	1456	1																X		X	X	X			40						↓	↓	

Comments/Special Instructions:

* OXYGENATES = MTBE, TBA, DIPE, ETBE, TAME, EDB, & 1,2-DCA

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other

Relinquished by:	Date	Time	Received by:	Date	Time
	1/23/07	1850		1-24-07	1545
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	1-24-07	1840		11/24/07	1840

* It will be the responsibility of ExxonMobil or its consultant to notify the TestAmerica Project Manager by phone or fax that a rush sample will be submitted.
TA Project Manager: Date:

1/25/07 13:50

1/26/07 -0.6°C 8:00

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

February 08, 2007 3:51:27PM

Client: ETIC Engineering Pleasant Hill (10236)
2285 Morello Avenue
Pleasant Hill, CA 94523
Attn: Erik Appel

Work Order: NQA2756
Project Name: Exxon 7-4121
Project Nbr: 7-4121
P/O Nbr: 4508104331
Date Received: 01/26/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
MW3 @ 6-6.5	NQA2756-01	01/24/07 08:40
MW3 @ 8-8.5	NQA2756-02	01/24/07 08:45
MW3 @ 10-10.5	NQA2756-03	01/24/07 08:48
MW3 @ 12-12.5	NQA2756-04	01/24/07 08:53
MW3 @ 14-14.5	NQA2756-05	01/24/07 08:58
MW3 @ 16-16.5	NQA2756-06	01/24/07 09:03
MW3 @ 18-18.5	NQA2756-07	01/24/07 09:07
MW3 @ 20-20.5	NQA2756-08	01/24/07 09:10
MW3 @ 22-22.5	NQA2756-09	01/24/07 09:15
MW3 @ 24-24.5	NQA2756-10	01/24/07 09:19
MW3 @ 26-26.5	NQA2756-11	01/24/07 09:23

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. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

The Chain(s) of Custody, 3 pages, are included and are an integral part of this report.

Estimated uncertainity is available upon request.

This report has been electronically signed.

Report Approved By:

Jim Hatfield

Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2756
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2756-01 (MW3 @ 6-6.5 - Soil) Sampled: 01/24/07 08:40								
General Chemistry Parameters								
% Dry Solids	**81.7**		%	0.500	1	02/07/07 14:26	SW-846	7020809
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.00101	1	01/30/07 18:00	SW846 8021B	7014158
Ethylbenzene	ND		mg/kg	0.00101	1	01/30/07 18:00	SW846 8021B	7014158
Toluene	ND		mg/kg	0.00101	1	01/30/07 18:00	SW846 8021B	7014158
Xylenes, total	ND		mg/kg	0.00302	1	01/30/07 18:00	SW846 8021B	7014158
Surr: a,a,a-Trifluorotoluene (59-159%)	*94 %*					*01/30/07 18:00*	*SW846 8021B*	*7014158*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/29/07 13:00	SW846 8260B	7014135
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/29/07 13:00	SW846 8260B	7014135
Ethylbenzene	ND		mg/kg	0.00200	1	01/29/07 13:00	SW846 8260B	7014135
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/29/07 13:00	SW846 8260B	7014135
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/29/07 13:00	SW846 8260B	7014135
Toluene	ND		mg/kg	0.00200	1	01/29/07 13:00	SW846 8260B	7014135
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/29/07 13:00	SW846 8260B	7014135
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/29/07 13:00	SW846 8260B	7014135
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/29/07 13:00	SW846 8260B	7014135
Xylenes, total	ND		mg/kg	0.00500	1	01/29/07 13:00	SW846 8260B	7014135
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/29/07 13:00	SW846 8260B	7014135
Surr: 1,2-Dichloroethane-d4 (54-145%)	*99 %*					*01/29/07 13:00*	*SW846 8260B*	*7014135*
Surr: 1,2-Dichloroethane-d4 (54-145%)	*99 %*					*01/29/07 13:00*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*101 %*					*01/29/07 13:00*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*101 %*					*01/29/07 13:00*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*95 %*					*01/29/07 13:00*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*95 %*					*01/29/07 13:00*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*102 %*					*01/29/07 13:00*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*102 %*					*01/29/07 13:00*	*SW846 8260B*	*7014135*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.101	1	01/30/07 18:00	SW846 8015B	7014158
Surr: a,a,a-Trifluorotoluene (66-146%)	*94 %*					*01/30/07 18:00*	*SW846 8015B*	*7014158*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.82	1	02/01/07 22:23	SW846 8015B	7014427
Surr: o-Terphenyl (32-132%)	*77 %*					*02/01/07 22:23*	*SW846 8015B*	*7014427*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2756
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2756-02 (MW3 @ 8-8.5 - Soil) Sampled: 01/24/07 08:45								
General Chemistry Parameters								
% Dry Solids	**81.3**		%	0.500	1	02/07/07 14:26	SW-846	7020809
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.000992	1	01/30/07 18:21	SW846 8021B	7014158
Ethylbenzene	ND		mg/kg	0.000992	1	01/30/07 18:21	SW846 8021B	7014158
Toluene	ND		mg/kg	0.000992	1	01/30/07 18:21	SW846 8021B	7014158
Xylenes, total	ND		mg/kg	0.00298	1	01/30/07 18:21	SW846 8021B	7014158
Surr: a,a,a-Trifluorotoluene (59-159%)	*98 %*					*01/30/07 18:21*	*SW846 8021B*	*7014158*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/29/07 13:31	SW846 8260B	7014135
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/29/07 13:31	SW846 8260B	7014135
Ethylbenzene	ND		mg/kg	0.00200	1	01/29/07 13:31	SW846 8260B	7014135
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/29/07 13:31	SW846 8260B	7014135
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/29/07 13:31	SW846 8260B	7014135
Toluene	ND		mg/kg	0.00200	1	01/29/07 13:31	SW846 8260B	7014135
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/29/07 13:31	SW846 8260B	7014135
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/29/07 13:31	SW846 8260B	7014135
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/29/07 13:31	SW846 8260B	7014135
Xylenes, total	ND		mg/kg	0.00500	1	01/29/07 13:31	SW846 8260B	7014135
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/29/07 13:31	SW846 8260B	7014135
Surr: 1,2-Dichloroethane-d4 (54-145%)	*101 %*					*01/29/07 13:31*	*SW846 8260B*	*7014135*
Surr: 1,2-Dichloroethane-d4 (54-145%)	*101 %*					*01/29/07 13:31*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*100 %*					*01/29/07 13:31*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*100 %*					*01/29/07 13:31*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*95 %*					*01/29/07 13:31*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*95 %*					*01/29/07 13:31*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*102 %*					*01/29/07 13:31*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*102 %*					*01/29/07 13:31*	*SW846 8260B*	*7014135*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.0992	1	01/30/07 18:21	SW846 8015B	7014158
Surr: a,a,a-Trifluorotoluene (66-146%)	*98 %*					*01/30/07 18:21*	*SW846 8015B*	*7014158*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.79	1	02/01/07 22:41	SW846 8015B	7014427
Surr: o-Terphenyl (32-132%)	*82 %*					*02/01/07 22:41*	*SW846 8015B*	*7014427*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2756
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2756-03 (MW3 @ 10-10.5 - Soil) Sampled: 01/24/07 08:48								
General Chemistry Parameters								
% Dry Solids	**82.6**		%	0.500	1	02/07/07 14:26	SW-846	7020809
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00231**		mg/kg	0.00101	1	01/30/07 18:43	SW846 8021B	7014158
Ethylbenzene	ND		mg/kg	0.00101	1	01/30/07 18:43	SW846 8021B	7014158
Toluene	**0.00114**		mg/kg	0.00101	1	01/30/07 18:43	SW846 8021B	7014158
Xylenes, total	ND		mg/kg	0.00302	1	01/30/07 18:43	SW846 8021B	7014158
Surr: a,a,a-Trifluorotoluene (59-159%)	*96 %*					*01/30/07 18:43*	*SW846 8021B*	*7014158*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/29/07 14:01	SW846 8260B	7014135
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/29/07 14:01	SW846 8260B	7014135
Ethylbenzene	ND		mg/kg	0.00200	1	01/29/07 14:01	SW846 8260B	7014135
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/29/07 14:01	SW846 8260B	7014135
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/29/07 14:01	SW846 8260B	7014135
Toluene	ND		mg/kg	0.00200	1	01/29/07 14:01	SW846 8260B	7014135
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/29/07 14:01	SW846 8260B	7014135
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/29/07 14:01	SW846 8260B	7014135
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/29/07 14:01	SW846 8260B	7014135
Xylenes, total	ND		mg/kg	0.00500	1	01/29/07 14:01	SW846 8260B	7014135
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/29/07 14:01	SW846 8260B	7014135
Surr: 1,2-Dichloroethane-d4 (54-145%)	*99 %*					*01/29/07 14:01*	*SW846 8260B*	*7014135*
Surr: 1,2-Dichloroethane-d4 (54-145%)	*99 %*					*01/29/07 14:01*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*99 %*					*01/29/07 14:01*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*99 %*					*01/29/07 14:01*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*95 %*					*01/29/07 14:01*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*95 %*					*01/29/07 14:01*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*99 %*					*01/29/07 14:01*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*99 %*					*01/29/07 14:01*	*SW846 8260B*	*7014135*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**0.141**		mg/kg	0.101	1	01/30/07 18:43	SW846 8015B	7014158
Surr: a,a,a-Trifluorotoluene (66-146%)	*96 %*					*01/30/07 18:43*	*SW846 8015B*	*7014158*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.70	1	02/01/07 22:59	SW846 8015B	7014427
Surr: o-Terphenyl (32-132%)	*75 %*					*02/01/07 22:59*	*SW846 8015B*	*7014427*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2756
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2756-04 (MW3 @ 12-12.5 - Soil) Sampled: 01/24/07 08:53								
General Chemistry Parameters								
% Dry Solids	**80.2**		%	0.500	1	02/07/07 14:26	SW-846	7020809
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00102**		mg/kg	0.00101	1	01/30/07 19:04	SW846 8021B	7014158
Ethylbenzene	ND		mg/kg	0.00101	1	01/30/07 19:04	SW846 8021B	7014158
Toluene	ND		mg/kg	0.00101	1	01/30/07 19:04	SW846 8021B	7014158
Xylenes, total	ND		mg/kg	0.00302	1	01/30/07 19:04	SW846 8021B	7014158
Surr: a,a,a-Trifluorotoluene (59-159%)	*98 %*					*01/30/07 19:04*	*SW846 8021B*	*7014158*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/29/07 14:32	SW846 8260B	7014135
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/29/07 14:32	SW846 8260B	7014135
Ethylbenzene	ND		mg/kg	0.00200	1	01/29/07 14:32	SW846 8260B	7014135
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/29/07 14:32	SW846 8260B	7014135
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/29/07 14:32	SW846 8260B	7014135
Toluene	ND		mg/kg	0.00200	1	01/29/07 14:32	SW846 8260B	7014135
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/29/07 14:32	SW846 8260B	7014135
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/29/07 14:32	SW846 8260B	7014135
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/29/07 14:32	SW846 8260B	7014135
Xylenes, total	ND		mg/kg	0.00500	1	01/29/07 14:32	SW846 8260B	7014135
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/29/07 14:32	SW846 8260B	7014135
Surr: 1,2-Dichloroethane-d4 (54-145%)	*102 %*					*01/29/07 14:32*	*SW846 8260B*	*7014135*
Surr: 1,2-Dichloroethane-d4 (54-145%)	*102 %*					*01/29/07 14:32*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*102 %*					*01/29/07 14:32*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*102 %*					*01/29/07 14:32*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*96 %*					*01/29/07 14:32*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*96 %*					*01/29/07 14:32*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*101 %*					*01/29/07 14:32*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*101 %*					*01/29/07 14:32*	*SW846 8260B*	*7014135*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.101	1	01/30/07 19:04	SW846 8015B	7014158
Surr: a,a,a-Trifluorotoluene (66-146%)	*98 %*					*01/30/07 19:04*	*SW846 8015B*	*7014158*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.99	1	02/01/07 23:18	SW846 8015B	7014427
Surr: o-Terphenyl (32-132%)	*81 %*					*02/01/07 23:18*	*SW846 8015B*	*7014427*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2756
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2756-05 (MW3 @ 14-14.5 - Soil) Sampled: 01/24/07 08:58								
General Chemistry Parameters								
% Dry Solids	**82.7**		%	0.500	1	02/07/07 14:26	SW-846	7020809
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00484**		mg/kg	0.00100	1	01/30/07 19:25	SW846 8021B	7014158
Ethylbenzene	ND		mg/kg	0.00100	1	01/30/07 19:25	SW846 8021B	7014158
Toluene	**0.00206**		mg/kg	0.00100	1	01/30/07 19:25	SW846 8021B	7014158
Xylenes, total	ND		mg/kg	0.00301	1	01/30/07 19:25	SW846 8021B	7014158
Surr: a,a,a-Trifluorotoluene (59-159%)	*96 %*					*01/30/07 19:25*	*SW846 8021B*	*7014158*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/29/07 15:02	SW846 8260B	7014135
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/29/07 15:02	SW846 8260B	7014135
Ethylbenzene	ND		mg/kg	0.00200	1	01/29/07 15:02	SW846 8260B	7014135
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/29/07 15:02	SW846 8260B	7014135
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/29/07 15:02	SW846 8260B	7014135
Toluene	ND		mg/kg	0.00200	1	01/29/07 15:02	SW846 8260B	7014135
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/29/07 15:02	SW846 8260B	7014135
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/29/07 15:02	SW846 8260B	7014135
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/29/07 15:02	SW846 8260B	7014135
Xylenes, total	ND		mg/kg	0.00500	1	01/29/07 15:02	SW846 8260B	7014135
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/29/07 15:02	SW846 8260B	7014135
Surr: 1,2-Dichloroethane-d4 (54-145%)	*102 %*					*01/29/07 15:02*	*SW846 8260B*	*7014135*
Surr: 1,2-Dichloroethane-d4 (54-145%)	*102 %*					*01/29/07 15:02*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*100 %*					*01/29/07 15:02*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*100 %*					*01/29/07 15:02*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*95 %*					*01/29/07 15:02*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*95 %*					*01/29/07 15:02*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*102 %*					*01/29/07 15:02*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*102 %*					*01/29/07 15:02*	*SW846 8260B*	*7014135*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**0.363**		mg/kg	0.100	1	01/30/07 19:25	SW846 8015B	7014158
Surr: a,a,a-Trifluorotoluene (66-146%)	*96 %*					*01/30/07 19:25*	*SW846 8015B*	*7014158*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.80	1	02/01/07 23:36	SW846 8015B	7014427
Surr: o-Terphenyl (32-132%)	*78 %*					*02/01/07 23:36*	*SW846 8015B*	*7014427*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2756
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2756-06 (MW3 @ 16-16.5 - Soil) Sampled: 01/24/07 09:03								
General Chemistry Parameters								
% Dry Solids	**82.2**		%	0.500	1	02/07/07 14:26	SW-846	7020809
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.00101	1	01/30/07 19:46	SW846 8021B	7014158
Ethylbenzene	ND		mg/kg	0.00101	1	01/30/07 19:46	SW846 8021B	7014158
Toluene	ND		mg/kg	0.00101	1	01/30/07 19:46	SW846 8021B	7014158
Xylenes, total	ND		mg/kg	0.00303	1	01/30/07 19:46	SW846 8021B	7014158
Surr: a,a,a-Trifluorotoluene (59-159%)	*97 %*					*01/30/07 19:46*	*SW846 8021B*	*7014158*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/29/07 15:33	SW846 8260B	7014135
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/29/07 15:33	SW846 8260B	7014135
Ethylbenzene	ND		mg/kg	0.00200	1	01/29/07 15:33	SW846 8260B	7014135
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/29/07 15:33	SW846 8260B	7014135
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/29/07 15:33	SW846 8260B	7014135
Toluene	ND		mg/kg	0.00200	1	01/29/07 15:33	SW846 8260B	7014135
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/29/07 15:33	SW846 8260B	7014135
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/29/07 15:33	SW846 8260B	7014135
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/29/07 15:33	SW846 8260B	7014135
Xylenes, total	ND		mg/kg	0.00500	1	01/29/07 15:33	SW846 8260B	7014135
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/29/07 15:33	SW846 8260B	7014135
Surr: 1,2-Dichloroethane-d4 (54-145%)	*102 %*					*01/29/07 15:33*	*SW846 8260B*	*7014135*
Surr: 1,2-Dichloroethane-d4 (54-145%)	*102 %*					*01/29/07 15:33*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*102 %*					*01/29/07 15:33*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*102 %*					*01/29/07 15:33*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*95 %*					*01/29/07 15:33*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*95 %*					*01/29/07 15:33*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*101 %*					*01/29/07 15:33*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*101 %*					*01/29/07 15:33*	*SW846 8260B*	*7014135*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.101	1	01/30/07 19:46	SW846 8015B	7014158
Surr: a,a,a-Trifluorotoluene (66-146%)	*97 %*					*01/30/07 19:46*	*SW846 8015B*	*7014158*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.95	1	02/01/07 23:55	SW846 8015B	7014427
Surr: o-Terphenyl (32-132%)	*77 %*					*02/01/07 23:55*	*SW846 8015B*	*7014427*

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ANALYTICAL TESTING CORPORATION
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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2756
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2756-07 (MW3 @ 18-18.5 - Soil) Sampled: 01/24/07 09:07								
General Chemistry Parameters								
% Dry Solids	**80.4**		%	0.500	1	02/07/07 14:26	SW-846	7020809
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00917**		mg/kg	0.00100	1	01/30/07 20:07	SW846 8021B	7014158
Ethylbenzene	**0.00151**		mg/kg	0.00100	1	01/30/07 20:07	SW846 8021B	7014158
Toluene	**0.00404**		mg/kg	0.00100	1	01/30/07 20:07	SW846 8021B	7014158
Xylenes, total	ND		mg/kg	0.00301	1	01/30/07 20:07	SW846 8021B	7014158
Surr: a,a,a-Trifluorotoluene (59-159%)	*97 %*					*01/30/07 20:07*	*SW846 8021B*	*7014158*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/29/07 16:04	SW846 8260B	7014135
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/29/07 16:04	SW846 8260B	7014135
Ethylbenzene	ND		mg/kg	0.00200	1	01/29/07 16:04	SW846 8260B	7014135
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/29/07 16:04	SW846 8260B	7014135
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/29/07 16:04	SW846 8260B	7014135
Toluene	ND		mg/kg	0.00200	1	01/29/07 16:04	SW846 8260B	7014135
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/29/07 16:04	SW846 8260B	7014135
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/29/07 16:04	SW846 8260B	7014135
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/29/07 16:04	SW846 8260B	7014135
Xylenes, total	ND		mg/kg	0.00500	1	01/29/07 16:04	SW846 8260B	7014135
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/29/07 16:04	SW846 8260B	7014135
Surr: 1,2-Dichloroethane-d4 (54-145%)	*98 %*					*01/29/07 16:04*	*SW846 8260B*	*7014135*
Surr: 1,2-Dichloroethane-d4 (54-145%)	*98 %*					*01/29/07 16:04*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*98 %*					*01/29/07 16:04*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*98 %*					*01/29/07 16:04*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*96 %*					*01/29/07 16:04*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*96 %*					*01/29/07 16:04*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*101 %*					*01/29/07 16:04*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*101 %*					*01/29/07 16:04*	*SW846 8260B*	*7014135*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**0.794**		mg/kg	0.100	1	01/30/07 20:07	SW846 8015B	7014158
Surr: a,a,a-Trifluorotoluene (66-146%)	*97 %*					*01/30/07 20:07*	*SW846 8015B*	*7014158*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.71	1	02/02/07 00:13	SW846 8015B	7014427
Surr: o-Terphenyl (32-132%)	*77 %*					*02/02/07 00:13*	*SW846 8015B*	*7014427*

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2756
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2756-08 (MW3 @ 20-20.5 - Soil) Sampled: 01/24/07 09:10								
General Chemistry Parameters								
% Dry Solids	**81.8**		%	0.500	1	02/07/07 14:26	SW-846	7020809
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.00101	1	01/30/07 20:28	SW846 8021B	7014158
Ethylbenzene	ND		mg/kg	0.00101	1	01/30/07 20:28	SW846 8021B	7014158
Toluene	ND		mg/kg	0.00101	1	01/30/07 20:28	SW846 8021B	7014158
Xylenes, total	ND		mg/kg	0.00303	1	01/30/07 20:28	SW846 8021B	7014158
Surr: a,a,a-Trifluorotoluene (59-159%)	*98 %*					*01/30/07 20:28*	*SW846 8021B*	*7014158*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/29/07 16:34	SW846 8260B	7014135
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/29/07 16:34	SW846 8260B	7014135
Ethylbenzene	ND		mg/kg	0.00200	1	01/29/07 16:34	SW846 8260B	7014135
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/29/07 16:34	SW846 8260B	7014135
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/29/07 16:34	SW846 8260B	7014135
Toluene	ND		mg/kg	0.00200	1	01/29/07 16:34	SW846 8260B	7014135
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/29/07 16:34	SW846 8260B	7014135
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/29/07 16:34	SW846 8260B	7014135
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/29/07 16:34	SW846 8260B	7014135
Xylenes, total	ND		mg/kg	0.00500	1	01/29/07 16:34	SW846 8260B	7014135
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/29/07 16:34	SW846 8260B	7014135
Surr: 1,2-Dichloroethane-d4 (54-145%)	*102 %*					*01/29/07 16:34*	*SW846 8260B*	*7014135*
Surr: 1,2-Dichloroethane-d4 (54-145%)	*102 %*					*01/29/07 16:34*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*100 %*					*01/29/07 16:34*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*100 %*					*01/29/07 16:34*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*95 %*					*01/29/07 16:34*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*95 %*					*01/29/07 16:34*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*101 %*					*01/29/07 16:34*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*101 %*					*01/29/07 16:34*	*SW846 8260B*	*7014135*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.101	1	01/30/07 20:28	SW846 8015B	7014158
Surr: a,a,a-Trifluorotoluene (66-146%)	*98 %*					*01/30/07 20:28*	*SW846 8015B*	*7014158*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.96	1	02/02/07 00:32	SW846 8015B	7014427
Surr: o-Terphenyl (32-132%)	*79 %*					*02/02/07 00:32*	*SW846 8015B*	*7014427*

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2756
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2756-09 (MW3 @ 22-22.5 - Soil) Sampled: 01/24/07 09:15								
General Chemistry Parameters								
% Dry Solids	**84.1**		%	0.500	1	02/07/07 14:26	SW-846	7020809
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00174**		mg/kg	0.000990	1	01/30/07 20:49	SW846 8021B	7014158
Ethylbenzene	ND		mg/kg	0.000990	1	01/30/07 20:49	SW846 8021B	7014158
Toluene	ND		mg/kg	0.000990	1	01/30/07 20:49	SW846 8021B	7014158
Xylenes, total	ND		mg/kg	0.00297	1	01/30/07 20:49	SW846 8021B	7014158
Surr: a,a,a-Trifluorotoluene (59-159%)	*96 %*					*01/30/07 20:49*	*SW846 8021B*	*7014158*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/29/07 17:05	SW846 8260B	7014135
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/29/07 17:05	SW846 8260B	7014135
Ethylbenzene	ND		mg/kg	0.00200	1	01/29/07 17:05	SW846 8260B	7014135
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/29/07 17:05	SW846 8260B	7014135
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/29/07 17:05	SW846 8260B	7014135
Toluene	ND		mg/kg	0.00200	1	01/29/07 17:05	SW846 8260B	7014135
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/29/07 17:05	SW846 8260B	7014135
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/29/07 17:05	SW846 8260B	7014135
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/29/07 17:05	SW846 8260B	7014135
Xylenes, total	ND		mg/kg	0.00500	1	01/29/07 17:05	SW846 8260B	7014135
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/29/07 17:05	SW846 8260B	7014135
Surr: 1,2-Dichloroethane-d4 (54-145%)	*97 %*					*01/29/07 17:05*	*SW846 8260B*	*7014135*
Surr: 1,2-Dichloroethane-d4 (54-145%)	*97 %*					*01/29/07 17:05*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*99 %*					*01/29/07 17:05*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*99 %*					*01/29/07 17:05*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*97 %*					*01/29/07 17:05*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*97 %*					*01/29/07 17:05*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*103 %*					*01/29/07 17:05*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*103 %*					*01/29/07 17:05*	*SW846 8260B*	*7014135*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.0990	1	01/30/07 20:49	SW846 8015B	7014158
Surr: a,a,a-Trifluorotoluene (66-146%)	*96 %*					*01/30/07 20:49*	*SW846 8015B*	*7014158*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.71	1	02/02/07 01:27	SW846 8015B	7014427
Surr: o-Terphenyl (32-132%)	*75 %*					*02/02/07 01:27*	*SW846 8015B*	*7014427*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2756
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2756-10 (MW3 @ 24-24.5 - Soil) Sampled: 01/24/07 09:19								
General Chemistry Parameters								
% Dry Solids	**81.5**		%	0.500	1	02/07/07 14:26	SW-846	7020809
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.000996	1	01/30/07 21:11	SW846 8021B	7014158
Ethylbenzene	ND		mg/kg	0.000996	1	01/30/07 21:11	SW846 8021B	7014158
Toluene	ND		mg/kg	0.000996	1	01/30/07 21:11	SW846 8021B	7014158
Xylenes, total	ND		mg/kg	0.00299	1	01/30/07 21:11	SW846 8021B	7014158
Surr: a,a,a-Trifluorotoluene (59-159%)	*99 %*					*01/30/07 21:11*	*SW846 8021B*	*7014158*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/29/07 17:35	SW846 8260B	7014135
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/29/07 17:35	SW846 8260B	7014135
Ethylbenzene	ND		mg/kg	0.00200	1	01/29/07 17:35	SW846 8260B	7014135
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/29/07 17:35	SW846 8260B	7014135
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/29/07 17:35	SW846 8260B	7014135
Toluene	ND		mg/kg	0.00200	1	01/29/07 17:35	SW846 8260B	7014135
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/29/07 17:35	SW846 8260B	7014135
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/29/07 17:35	SW846 8260B	7014135
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/29/07 17:35	SW846 8260B	7014135
Xylenes, total	ND		mg/kg	0.00500	1	01/29/07 17:35	SW846 8260B	7014135
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/29/07 17:35	SW846 8260B	7014135
Surr: 1,2-Dichloroethane-d4 (54-145%)	*105 %*					*01/29/07 17:35*	*SW846 8260B*	*7014135*
Surr: 1,2-Dichloroethane-d4 (54-145%)	*105 %*					*01/29/07 17:35*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*102 %*					*01/29/07 17:35*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*102 %*					*01/29/07 17:35*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*96 %*					*01/29/07 17:35*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*96 %*					*01/29/07 17:35*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*104 %*					*01/29/07 17:35*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*104 %*					*01/29/07 17:35*	*SW846 8260B*	*7014135*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.0996	1	01/30/07 21:11	SW846 8015B	7014158
Surr: a,a,a-Trifluorotoluene (66-146%)	*99 %*					*01/30/07 21:11*	*SW846 8015B*	*7014158*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.76	1	02/02/07 01:45	SW846 8015B	7014427
Surr: o-Terphenyl (32-132%)	*84 %*					*02/02/07 01:45*	*SW846 8015B*	*7014427*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2756
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2756-11 (MW3 @ 26-26.5 - Soil) Sampled: 01/24/07 09:23								
General Chemistry Parameters								
% Dry Solids	**84.1**		%	0.500	1	02/07/07 14:26	SW-846	7020809
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.000992	1	01/30/07 21:32	SW846 8021B	7014158
Ethylbenzene	ND		mg/kg	0.000992	1	01/30/07 21:32	SW846 8021B	7014158
Toluene	ND		mg/kg	0.000992	1	01/30/07 21:32	SW846 8021B	7014158
Xylenes, total	ND		mg/kg	0.00298	1	01/30/07 21:32	SW846 8021B	7014158
Surr: a,a,a-Trifluorotoluene (59-159%)	*95 %*					*01/30/07 21:32*	*SW846 8021B*	*7014158*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/29/07 18:06	SW846 8260B	7014135
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/29/07 18:06	SW846 8260B	7014135
Ethylbenzene	ND		mg/kg	0.00200	1	01/29/07 18:06	SW846 8260B	7014135
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/29/07 18:06	SW846 8260B	7014135
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/29/07 18:06	SW846 8260B	7014135
Toluene	ND		mg/kg	0.00200	1	01/29/07 18:06	SW846 8260B	7014135
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/29/07 18:06	SW846 8260B	7014135
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/29/07 18:06	SW846 8260B	7014135
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/29/07 18:06	SW846 8260B	7014135
Xylenes, total	ND		mg/kg	0.00500	1	01/29/07 18:06	SW846 8260B	7014135
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/29/07 18:06	SW846 8260B	7014135
Surr: 1,2-Dichloroethane-d4 (54-145%)	*100 %*					*01/29/07 18:06*	*SW846 8260B*	*7014135*
Surr: 1,2-Dichloroethane-d4 (54-145%)	*100 %*					*01/29/07 18:06*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*100 %*					*01/29/07 18:06*	*SW846 8260B*	*7014135*
Surr: Dibromofluoromethane (67-129%)	*100 %*					*01/29/07 18:06*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*97 %*					*01/29/07 18:06*	*SW846 8260B*	*7014135*
Surr: Toluene-d8 (66-142%)	*97 %*					*01/29/07 18:06*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*101 %*					*01/29/07 18:06*	*SW846 8260B*	*7014135*
Surr: 4-Bromofluorobenzene (68-150%)	*101 %*					*01/29/07 18:06*	*SW846 8260B*	*7014135*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.0992	1	01/30/07 21:32	SW846 8015B	7014158
Surr: a,a,a-Trifluorotoluene (66-146%)	*95 %*					*01/30/07 21:32*	*SW846 8015B*	*7014158*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.89	1	02/02/07 02:03	SW846 8015B	7014427
Surr: o-Terphenyl (32-132%)	*92 %*					*02/02/07 02:03*	*SW846 8015B*	*7014427*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2756
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons with Silica Gel Treatment							
SW846 8015B	7014427	NQA2756-01	26.19	1.00	01/31/07 15:00	CDJ	EPA 3550B
SW846 8015B	7014427	NQA2756-02	26.39	1.00	01/31/07 15:00	CDJ	EPA 3550B
SW846 8015B	7014427	NQA2756-03	27.02	1.00	01/31/07 15:00	CDJ	EPA 3550B
SW846 8015B	7014427	NQA2756-04	25.05	1.00	01/31/07 15:00	CDJ	EPA 3550B
SW846 8015B	7014427	NQA2756-05	26.30	1.00	01/31/07 15:00	CDJ	EPA 3550B
SW846 8015B	7014427	NQA2756-06	25.34	1.00	01/31/07 15:00	CDJ	EPA 3550B
SW846 8015B	7014427	NQA2756-07	26.95	1.00	01/31/07 15:00	CDJ	EPA 3550B
SW846 8015B	7014427	NQA2756-08	25.26	1.00	01/31/07 15:00	CDJ	EPA 3550B
SW846 8015B	7014427	NQA2756-09	26.97	1.00	01/31/07 15:00	CDJ	EPA 3550B
SW846 8015B	7014427	NQA2756-10	26.61	1.00	01/31/07 15:00	CDJ	EPA 3550B
SW846 8015B	7014427	NQA2756-11	25.71	1.00	01/31/07 15:00	CDJ	EPA 3550B
Purgeable Petroleum Hydrocarbons							
SW846 8015B	7014158	NQA2756-01	4.97	5.00	01/27/07 09:05	NKN	EPA 5035A (GC)
SW846 8015B	7014158	NQA2756-02	5.04	5.00	01/27/07 09:07	NKN	EPA 5035A (GC)
SW846 8015B	7014158	NQA2756-03	4.97	5.00	01/27/07 09:10	NKN	EPA 5035A (GC)
SW846 8015B	7014158	NQA2756-04	4.96	5.00	01/27/07 09:12	NKN	EPA 5035A (GC)
SW846 8015B	7014158	NQA2756-05	4.98	5.00	01/27/07 09:15	NKN	EPA 5035A (GC)
SW846 8015B	7014158	NQA2756-06	4.95	5.00	01/27/07 09:17	NKN	EPA 5035A (GC)
SW846 8015B	7014158	NQA2756-07	4.99	5.00	01/27/07 09:20	NKN	EPA 5035A (GC)
SW846 8015B	7014158	NQA2756-08	4.95	5.00	01/27/07 09:22	NKN	EPA 5035A (GC)
SW846 8015B	7014158	NQA2756-09	5.05	5.00	01/27/07 09:24	NKN	EPA 5035A (GC)
SW846 8015B	7014158	NQA2756-10	5.02	5.00	01/27/07 09:28	NKN	EPA 5035A (GC)
SW846 8015B	7014158	NQA2756-11	5.04	5.00	01/27/07 09:30	NKN	EPA 5035A (GC)
Selected Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	7014135	NQA2756-01	5.00	5.00	01/27/07 09:05	SNN	EPA 5035
SW846 8260B	7014135	NQA2756-02	5.00	5.00	01/27/07 09:07	SNN	EPA 5035
SW846 8260B	7014135	NQA2756-03	5.00	5.00	01/27/07 09:10	SNN	EPA 5035
SW846 8260B	7014135	NQA2756-04	5.00	5.00	01/27/07 09:12	SNN	EPA 5035
SW846 8260B	7014135	NQA2756-05	5.00	5.00	01/27/07 09:15	SNN	EPA 5035
SW846 8260B	7014135	NQA2756-06	5.00	5.00	01/27/07 09:17	SNN	EPA 5035
SW846 8260B	7014135	NQA2756-07	5.00	5.00	01/27/07 09:20	SNN	EPA 5035
SW846 8260B	7014135	NQA2756-08	5.00	5.00	01/27/07 09:22	SNN	EPA 5035
SW846 8260B	7014135	NQA2756-09	5.00	5.00	01/27/07 09:24	SNN	EPA 5035
SW846 8260B	7014135	NQA2756-10	5.00	5.00	01/27/07 09:28	SNN	EPA 5035
SW846 8260B	7014135	NQA2756-11	5.00	5.00	01/27/07 09:30	SNN	EPA 5035
Volatile Organic Compounds by EPA Method 8021B							
SW846 8021B	7014158	NQA2756-01	4.97	5.00	01/27/07 09:05	NKN	EPA 5035A (GC)
SW846 8021B	7014158	NQA2756-02	5.04	5.00	01/27/07 09:07	NKN	EPA 5035A (GC)
SW846 8021B	7014158	NQA2756-03	4.97	5.00	01/27/07 09:10	NKN	EPA 5035A (GC)
SW846 8021B	7014158	NQA2756-04	4.96	5.00	01/27/07 09:12	NKN	EPA 5035A (GC)
SW846 8021B	7014158	NQA2756-05	4.98	5.00	01/27/07 09:15	NKN	EPA 5035A (GC)
SW846 8021B	7014158	NQA2756-06	4.95	5.00	01/27/07 09:17	NKN	EPA 5035A (GC)
SW846 8021B	7014158	NQA2756-07	4.99	5.00	01/27/07 09:20	NKN	EPA 5035A (GC)
SW846 8021B	7014158	NQA2756-08	4.95	5.00	01/27/07 09:22	NKN	EPA 5035A (GC)

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2756
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
SW846 8021B	7014158	NQA2756-09	5.05	5.00	01/27/07 09:24	NKN	EPA 5035A (GC)
SW846 8021B	7014158	NQA2756-10	5.02	5.00	01/27/07 09:28	NKN	EPA 5035A (GC)
SW846 8021B	7014158	NQA2756-11	5.04	5.00	01/27/07 09:30	NKN	EPA 5035A (GC)
Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	7014135	NQA2756-01	5.00	5.00	01/27/07 09:05	SNN	EPA 5035
SW846 8260B	7014135	NQA2756-02	5.00	5.00	01/27/07 09:07	SNN	EPA 5035
SW846 8260B	7014135	NQA2756-03	5.00	5.00	01/27/07 09:10	SNN	EPA 5035
SW846 8260B	7014135	NQA2756-04	5.00	5.00	01/27/07 09:12	SNN	EPA 5035
SW846 8260B	7014135	NQA2756-05	5.00	5.00	01/27/07 09:15	SNN	EPA 5035
SW846 8260B	7014135	NQA2756-06	5.00	5.00	01/27/07 09:17	SNN	EPA 5035
SW846 8260B	7014135	NQA2756-07	5.00	5.00	01/27/07 09:20	SNN	EPA 5035
SW846 8260B	7014135	NQA2756-08	5.00	5.00	01/27/07 09:22	SNN	EPA 5035
SW846 8260B	7014135	NQA2756-09	5.00	5.00	01/27/07 09:24	SNN	EPA 5035
SW846 8260B	7014135	NQA2756-10	5.00	5.00	01/27/07 09:28	SNN	EPA 5035
SW846 8260B	7014135	NQA2756-11	5.00	5.00	01/27/07 09:30	SNN	EPA 5035

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2756
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7014158-BLK1						
Benzene	<0.000400		mg/kg	7014158	7014158-BLK1	01/30/07 17:39
Ethylbenzene	<0.000400		mg/kg	7014158	7014158-BLK1	01/30/07 17:39
Toluene	<0.000300		mg/kg	7014158	7014158-BLK1	01/30/07 17:39
Xylenes, total	<0.000400		mg/kg	7014158	7014158-BLK1	01/30/07 17:39
Surrogate: a,a,a-Trifluorotoluene	95%			7014158	7014158-BLK1	01/30/07 17:39
Selected Volatile Organic Compounds by EPA Method 8260B						
7014135-BLK1						
Benzene	<0.000600		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
Tertiary Butyl Alcohol	<0.0131		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
Ethylbenzene	<0.000630		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
Methyl tert-Butyl Ether	<0.000530		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
Diisopropyl Ether	<0.000460		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
Toluene	<0.000660		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
Ethyl tert-Butyl Ether	<0.000660		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
1,2-Dichloroethane	<0.000540		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
Tert-Amyl Methyl Ether	<0.000570		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
Xylenes, total	0.00141		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
1,2-Dibromoethane (EDB)	<0.000610		mg/kg	7014135	7014135-BLK1	01/29/07 11:29
Surrogate: 1,2-Dichloroethane-d4	96%			7014135	7014135-BLK1	01/29/07 11:29
Surrogate: 1,2-Dichloroethane-d4	96%			7014135	7014135-BLK1	01/29/07 11:29
Surrogate: Dibromofluoromethane	99%			7014135	7014135-BLK1	01/29/07 11:29
Surrogate: Dibromofluoromethane	99%			7014135	7014135-BLK1	01/29/07 11:29
Surrogate: Toluene-d8	95%			7014135	7014135-BLK1	01/29/07 11:29
Surrogate: Toluene-d8	95%			7014135	7014135-BLK1	01/29/07 11:29
Surrogate: 4-Bromofluorobenzene	100%			7014135	7014135-BLK1	01/29/07 11:29
Surrogate: 4-Bromofluorobenzene	100%			7014135	7014135-BLK1	01/29/07 11:29
Purgeable Petroleum Hydrocarbons						
7014158-BLK1						
GRO as Gasoline	<0.0180		mg/kg	7014158	7014158-BLK1	01/30/07 17:39
Surrogate: a,a,a-Trifluorotoluene	95%			7014158	7014158-BLK1	01/30/07 17:39
Extractable Petroleum Hydrocarbons with Silica Gel Treatment						
7014427-BLK1						
Diesel	<2.00		mg/kg	7014427	7014427-BLK1	02/02/07 09:37
Surrogate: o-Terphenyl	80%			7014427	7014427-BLK1	02/02/07 09:37

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2756
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B								
7014158-BS1								
Benzene	0.100	0.111		mg/kg	111%	69 - 131	7014158	01/31/07 01:24
Ethylbenzene	0.100	0.103		mg/kg	103%	79 - 123	7014158	01/31/07 01:24
Toluene	0.100	0.102		mg/kg	102%	74 - 122	7014158	01/31/07 01:24
Xylenes, total	0.200	0.204		mg/kg	102%	75 - 125	7014158	01/31/07 01:24
Surrogate: a,a,a-Trifluorotoluene	30.0	29.3			98%	59 - 159	7014158	01/31/07 01:24
Selected Volatile Organic Compounds by EPA Method 8260B								
7014135-BS1								
Benzene	0.0500	0.0500		mg/kg	100%	78 - 123	7014135	01/29/07 10:58
Tertiary Butyl Alcohol	0.500	0.421		mg/kg	84%	22 - 159	7014135	01/29/07 10:58
Ethylbenzene	0.0500	0.0480		mg/kg	96%	78 - 127	7014135	01/29/07 10:58
Methyl tert-Butyl Ether	0.0500	0.0492		mg/kg	98%	62 - 129	7014135	01/29/07 10:58
Diisopropyl Ether	0.0500	0.0444		mg/kg	89%	70 - 122	7014135	01/29/07 10:58
Toluene	0.0500	0.0471		mg/kg	94%	77 - 124	7014135	01/29/07 10:58
Ethyl tert-Butyl Ether	0.0500	0.0494		mg/kg	99%	66 - 126	7014135	01/29/07 10:58
1,2-Dichloroethane	0.0500	0.0486		mg/kg	97%	73 - 131	7014135	01/29/07 10:58
Tert-Amyl Methyl Ether	0.0500	0.0538		mg/kg	108%	67 - 130	7014135	01/29/07 10:58
Xylenes, total	0.150	0.143		mg/kg	95%	77 - 128	7014135	01/29/07 10:58
1,2-Dibromoethane (EDB)	0.0500	0.0471		mg/kg	94%	79 - 129	7014135	01/29/07 10:58
Surrogate: 1,2-Dichloroethane-d4	50.0	46.4			93%	54 - 145	7014135	01/29/07 10:58
Surrogate: 1,2-Dichloroethane-d4	50.0	46.4			93%	54 - 145	7014135	01/29/07 10:58
Surrogate: Dibromofluoromethane	50.0	49.8			100%	67 - 129	7014135	01/29/07 10:58
Surrogate: Dibromofluoromethane	50.0	49.8			100%	67 - 129	7014135	01/29/07 10:58
Surrogate: Toluene-d8	50.0	47.6			95%	66 - 142	7014135	01/29/07 10:58
Surrogate: Toluene-d8	50.0	47.6			95%	66 - 142	7014135	01/29/07 10:58
Surrogate: 4-Bromofluorobenzene	50.0	50.2			100%	68 - 150	7014135	01/29/07 10:58
Surrogate: 4-Bromofluorobenzene	50.0	50.2			100%	68 - 150	7014135	01/29/07 10:58
Purgeable Petroleum Hydrocarbons								
7014158-BS2								
GRO as Gasoline	10.0	9.85		mg/kg	98%	76 - 117	7014158	01/31/07 01:45
Surrogate: a,a,a-Trifluorotoluene	30.0	34.6			115%	66 - 146	7014158	01/31/07 01:45
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
7014427-BS1								
Diesel	40.0	34.4		mg/kg	86%	41 - 141	7014427	02/01/07 21:27
Surrogate: o-Terphenyl	0.800	0.716			90%	32 - 132	7014427	02/01/07 21:27

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2756
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B										
7014158-MS1										
Benzene	0.000527	0.0477		mg/kg	0.0500	94%	10 - 147	7014158	NQA2756-11	01/31/07 00:42
Ethylbenzene	ND	0.0444		mg/kg	0.0500	89%	10 - 138	7014158	NQA2756-11	01/31/07 00:42
Toluene	ND	0.0445		mg/kg	0.0500	89%	10 - 138	7014158	NQA2756-11	01/31/07 00:42
Xylenes, total	ND	0.0890		mg/kg	0.100	89%	10 - 142	7014158	NQA2756-11	01/31/07 00:42
Surrogate: a,a,a-Trifluorotoluene		29.4		ug/L	30.0	98%	59 - 159	7014158	NQA2756-11	01/31/07 00:42
Selected Volatile Organic Compounds by EPA Method 8260B										
7014135-MS1										
Benzene	ND	0.0467		mg/kg	0.0500	93%	41 - 134	7014135	NQA2756-11	01/29/07 21:09
Tertiary Butyl Alcohol	ND	0.290		mg/kg	0.500	58%	10 - 167	7014135	NQA2756-11	01/29/07 21:09
Ethylbenzene	ND	0.0409		mg/kg	0.0500	82%	27 - 143	7014135	NQA2756-11	01/29/07 21:09
Methyl tert-Butyl Ether	ND	0.0337		mg/kg	0.0500	67%	26 - 147	7014135	NQA2756-11	01/29/07 21:09
Diisopropyl Ether	ND	0.0378		mg/kg	0.0500	76%	43 - 131	7014135	NQA2756-11	01/29/07 21:09
Toluene	ND	0.0424		mg/kg	0.0500	85%	31 - 145	7014135	NQA2756-11	01/29/07 21:09
Ethyl tert-Butyl Ether	ND	0.0384		mg/kg	0.0500	77%	45 - 136	7014135	NQA2756-11	01/29/07 21:09
1,2-Dichloroethane	ND	0.0386		mg/kg	0.0500	77%	39 - 143	7014135	NQA2756-11	01/29/07 21:09
Tert-Amyl Methyl Ether	ND	0.0356		mg/kg	0.0500	71%	37 - 149	7014135	NQA2756-11	01/29/07 21:09
Xylenes, total	ND	0.120		mg/kg	0.150	80%	27 - 140	7014135	NQA2756-11	01/29/07 21:09
1,2-Dibromoethane (EDB)	ND	0.0337		mg/kg	0.0500	67%	33 - 147	7014135	NQA2756-11	01/29/07 21:09
Surrogate: 1,2-Dichloroethane-d4		49.7		ug/kg	50.0	99%	54 - 145	7014135	NQA2756-11	01/29/07 21:09
Surrogate: 1,2-Dichloroethane-d4		49.7		ug/kg	50.0	99%	54 - 145	7014135	NQA2756-11	01/29/07 21:09
Surrogate: Dibromofluoromethane		50.2		ug/kg	50.0	100%	67 - 129	7014135	NQA2756-11	01/29/07 21:09
Surrogate: Dibromofluoromethane		50.2		ug/kg	50.0	100%	67 - 129	7014135	NQA2756-11	01/29/07 21:09
Surrogate: Toluene-d8		48.0		ug/kg	50.0	96%	66 - 142	7014135	NQA2756-11	01/29/07 21:09
Surrogate: Toluene-d8		48.0		ug/kg	50.0	96%	66 - 142	7014135	NQA2756-11	01/29/07 21:09
Surrogate: 4-Bromofluorobenzene		50.9		ug/kg	50.0	102%	68 - 150	7014135	NQA2756-11	01/29/07 21:09
Surrogate: 4-Bromofluorobenzene		50.9		ug/kg	50.0	102%	68 - 150	7014135	NQA2756-11	01/29/07 21:09
Extractable Petroleum Hydrocarbons with Silica Gel Treatment										
7014427-MS1										
Diesel	ND	30.9		mg/kg	37.0	84%	24 - 133	7014427	NQA2756-11	02/01/07 21:46
Surrogate: o-Terphenyl		0.654		mg/kg	0.740	88%	32 - 132	7014427	NQA2756-11	02/01/07 21:46

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2756
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B												
7014158-MSD1												
Benzene	0.000527	0.0491		mg/kg	0.0500	97%	10 - 147	3	48	7014158	NQA2756-11	01/31/07 01:03
Ethylbenzene	ND	0.0459		mg/kg	0.0500	92%	10 - 138	3	46	7014158	NQA2756-11	01/31/07 01:03
Toluene	ND	0.0452		mg/kg	0.0500	90%	10 - 138	2	50	7014158	NQA2756-11	01/31/07 01:03
Xylenes, total	ND	0.0906		mg/kg	0.100	91%	10 - 142	2	50	7014158	NQA2756-11	01/31/07 01:03
Surrogate: a,a,a-Trifluorotoluene		28.4		ug/L	30.0	95%	59 - 159			7014158	NQA2756-11	01/31/07 01:03
Selected Volatile Organic Compounds by EPA Method 8260B												
7014135-MSD1												
Benzene	ND	0.0458		mg/kg	0.0500	92%	41 - 134	2	42	7014135	NQA2756-11	01/29/07 21:39
Tertiary Butyl Alcohol	ND	0.268		mg/kg	0.500	54%	10 - 167	8	47	7014135	NQA2756-11	01/29/07 21:39
Ethylbenzene	ND	0.0402		mg/kg	0.0500	80%	27 - 143	2	42	7014135	NQA2756-11	01/29/07 21:39
Methyl tert-Butyl Ether	ND	0.0314		mg/kg	0.0500	63%	26 - 147	7	47	7014135	NQA2756-11	01/29/07 21:39
Diisopropyl Ether	ND	0.0367		mg/kg	0.0500	73%	43 - 131	3	40	7014135	NQA2756-11	01/29/07 21:39
Toluene	ND	0.0409		mg/kg	0.0500	82%	31 - 145	4	50	7014135	NQA2756-11	01/29/07 21:39
Ethyl tert-Butyl Ether	ND	0.0368		mg/kg	0.0500	74%	45 - 136	4	50	7014135	NQA2756-11	01/29/07 21:39
1,2-Dichloroethane	ND	0.0361		mg/kg	0.0500	72%	39 - 143	7	42	7014135	NQA2756-11	01/29/07 21:39
Tert-Amyl Methyl Ether	ND	0.0339		mg/kg	0.0500	68%	37 - 149	5	43	7014135	NQA2756-11	01/29/07 21:39
Xylenes, total	ND	0.116		mg/kg	0.150	77%	27 - 140	3	50	7014135	NQA2756-11	01/29/07 21:39
1,2-Dibromoethane (EDB)	ND	0.0307		mg/kg	0.0500	61%	33 - 147	9	50	7014135	NQA2756-11	01/29/07 21:39
Surrogate: 1,2-Dichloroethane-d4		50.6		ug/kg	50.0	101%	54 - 145			7014135	NQA2756-11	01/29/07 21:39
Surrogate: 1,2-Dichloroethane-d4		50.6		ug/kg	50.0	101%	54 - 145			7014135	NQA2756-11	01/29/07 21:39
Surrogate: Dibromofluoromethane		50.2		ug/kg	50.0	100%	67 - 129			7014135	NQA2756-11	01/29/07 21:39
Surrogate: Dibromofluoromethane		50.2		ug/kg	50.0	100%	67 - 129			7014135	NQA2756-11	01/29/07 21:39
Surrogate: Toluene-d8		47.9		ug/kg	50.0	96%	66 - 142			7014135	NQA2756-11	01/29/07 21:39
Surrogate: Toluene-d8		47.9		ug/kg	50.0	96%	66 - 142			7014135	NQA2756-11	01/29/07 21:39
Surrogate: 4-Bromofluorobenzene		50.4		ug/kg	50.0	101%	68 - 150			7014135	NQA2756-11	01/29/07 21:39
Surrogate: 4-Bromofluorobenzene		50.4		ug/kg	50.0	101%	68 - 150			7014135	NQA2756-11	01/29/07 21:39
Extractable Petroleum Hydrocarbons with Silica Gel Treatment												
7014427-MSD1												
Diesel	ND	35.7		mg/kg	39.2	91%	24 - 133	14	50	7014427	NQA2756-11	02/01/07 22:04
Surrogate: o-Terphenyl		0.730		mg/kg	0.783	93%	32 - 132			7014427	NQA2756-11	02/01/07 22:04

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2756
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	California
NA	Soil			
SW846 8015B	Soil	N/A	X	X
SW846 8021B	Soil	N/A	X	X
SW846 8260B	Soil	N/A	X	X
SW-846	Soil			

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	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte
SW-846	Soil	% Dry Solids

TestAmerica
ANALYTICAL TESTING CORPORATION

NQA2756

Nashville Division
COOLER RECEIPT FORM

BC#

Cooler Received/Opened On 1/26/07 @ 8:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 4219

Fed-Ex UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: -0.6 Degrees Celsius (indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 10594 90942856

3. Were custody seals on outside of cooler?..... YES....NO....NA

a. If yes, how many and where: 1 Front

4. Were the seals intact, signed, and dated correctly?..... YES....NO...NA

5. Were custody papers inside cooler?..... YES....NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... JR

6. Were custody seals on containers: YES (NO) and Intact YES NO (NA)

were these signed, and dated correctly?..... YES...NO...(NA)

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

(Plastic bag) Paper Other_____ None

8. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... (YES)...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... (YES)...NO...NA

11. Did all container labels and tags agree with custody papers?..... (YES)...NO...NA

12. a. Were VOA vials received?..... YES...NO...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...(NA)

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... JR

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...(NA)

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...(NA)

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... JR

15. Were custody papers properly filled out (ink, signed, etc)?..... YES....NO...NA

16. Did you sign the custody papers in the appropriate place?..... YES....NO...NA

17. Were correct containers used for the analysis requested?..... YES...NO...NA

18. Was sufficient amount of sample sent in each container?..... YES...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... JR

I certify that I attached a label with the unique LIMS number to each container (intial)..... JR

19. Were there Non-Conformance issues at login YES (NO) Was a PIPE generated YES NO #_____

BIS = Broken in shipment

TestAmerica
ANALYTICAL TESTING CORPORATION

Morgan Hill Division
885 Jarvis Drive
Morgan Hill, CA 95037

Phone: 408-776-9600
Fax: 408-782-6308

ExxonMobil

Consultant Name: ETIC Engineering
Address: 2285 Morello Avenue
City/State/Zip: Pleasant Hill, Ca 94523
ExxonMobil Project Mgr: Jennifer Sedlachek
Consultant Project Mgr: Erik Appel

Consultant Telephone Number: 925-602-4710 **Fax No.:** 925-602-4720
Sampler Name: (Print) Erik Appel
Sampler Signature:

TA Account #:
Invoice To: (ExxonMobil PM unless otherwise indicated)
Report To:
PO #: 4508104331
PROJECT #: TM4121 Task 3
Facility ID # 7-4121
Site Address 10605 Foothill Boulevard
City, State, Zip Oakland, CA
Regulatory District (CA)

NQA2756
02/09/07 23:59

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: TPH-g & TPH-d - EPA8015B	BTEX - EPA 8021B	Oxygenates * - EPA8260B										RUSH TAT (Pre-Schedule) *	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
MW3 @ 6 - 6.5	1/24/07	0840	1																X		X	X	X	NQA2756-1											
MW3 @ 8 - 8.5	1/24/07	0845	1																X		X	X	X			2										
MW3 @ 10 - 10.5	1/24/07	0848	1																X		X	X	X			3										
MW3 @ 12 - 12.5	1/24/07	0853	1																X		X	X	X			4										
MW3 @ 14 - 14.5	1/24/07	0959	1																X		X	X	X			5										
MW3 @ 16 - 16.5	1/24/07	0903	1																X		X	X	X			6										
MW3 @ 18 - 18.5	1/24/07	0907	1																X		X	X	X			7										
MW3 @ 20 - 20.5	1/24/07	0910	1																X		X	X	X			8										
MW3 @ 22 - 22.5	1/24/07	0915	1																X		X	X	X			9										
MW3 @ 24 - 24.5	1/24/07	0919	1																X		X	X	X			10										

Comments/Special Instructions:

* **OXYGENATES = MTBE, TBA, DIPE, ETBE, TAME, EDB, & 1,2-DCA**

Relinquished by:	Date	Time	Received by:	Date	Time
	1/24/07	1570		1-24-07	1545
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	1-24-07	1840		1/24/07	19:40

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other
* It will be the responsibility of ExxonMobil or its consultant to notify the TestAmerica Project Manager by phone or fax that a rush sample will be submitted.
TA Project Manager: Date:

1/25/07 13:50

1/26/07 8:00 -0.6°C

TestAmerica
ANALYTICAL TESTING CORPORATION

Morgan Hill Division
885 Jarvis Drive
Morgan Hill, CA 95037

Phone: 408-776-9600
Fax: 408-782-6308

ExxonMobil

Consultant Name: ETIC Engineering
Address: 2285 Morello Avenue
City/State/Zip: Pleasant Hill, Ca 94523
ExxonMobil Project Mgr: Jennifer Sedlachek
Consultant Project Mgr: Erik Appel

Consultant Telephone Number: 925-602-4710
Fax No.: 925-602-4720
Sampler Name: (Print) Erik Appel
Sampler Signature:

TA Account #:
Invoice To: (ExxonMobil PM unless otherwise indicated)
Report To:
PO #: 4508104331
PROJECT #: TM4121 Task 3
Facility ID # 7-4121
Site Address 10605 Foothill Boulevard
City, State, Zip Oakland, CA
Regulatory District (CA)

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: TPH-g & TPH-d - EPA8015B	BTEX - EPA 8021B	Oxygenates * - EPA8260B									RUSH TAT (Pre-Schedule) *	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
MW3 @ 26-26.5	1/24/07	0923	1																X		X	X	X	2726-H										

Comments/Special Instructions:

* OXYGENATES = MTBE, TBA, DIPE, ETBE, TAME, EDB, & 1,2-DCA

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other
* It will be the responsibility of ExxonMobil or its consultant to notify the TestAmerica Project Manager by phone or fax that a rush sample will be submitted.
TA Project Manager: Date:

Relinquished by:	Date	Time	Received by:	Date	Time
	1/29/07	1530		1-24-07	1545
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	1-24-07	1800		1/24/07	13:50

1/25/07 13:50

1/26/07 8:00 -0.6°C

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

February 06, 2007 5:49:15PM

Client: ETIC Engineering Pleasant Hill (10236)
2285 Morello Avenue
Pleasant Hill, CA 94523
Attn: Erik Appel

Work Order: NQA2564
Project Name: Exxon 7-4121
Project Nbr: 7-4121
P/O Nbr: 4508104331
Date Received: 01/25/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
VW1@5-5.5'	NQA2564-01	01/22/07 12:00
VW1@5.5-6'	NQA2564-02	01/22/07 12:08
VW2@5-5.5'	NQA2564-03	01/22/07 12:42
VW2@5.5-6'	NQA2564-04	01/22/07 12:45
VW3@5-5.5'	NQA2564-05	01/22/07 14:45
VW3@5.5-6'	NQA2564-06	01/22/07 14:50
VW4@5-5.5'	NQA2564-07	01/22/07 15:00
VW4@5.5-6'	NQA2564-08	01/22/07 15:03
VW5@5-5.5'	NQA2564-09	01/22/07 11:10
VW5@5.5-6'	NQA2564-10	01/22/07 11:20

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. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

The Chain(s) of Custody, 9 pages, are included and are an integral part of this report.

Estimated uncertainity is available upon request.

This report has been electronically signed.

Report Approved By:

Jim Hatfield

Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2564
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/25/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2564-01 (VW1@5-5.5' - Soil) Sampled: 01/22/07 12:00								
Subcontracted Analysis								
See Attached Report								
See Attached Report								
Sample ID: NQA2564-02 (VW1@5.5-6' - Soil) Sampled: 01/22/07 12:08								
General Chemistry Parameters								
% Dry Solids	**81.3**		%	0.500	1	02/06/07 13:31	SW-846	7020165
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.00101	1	01/25/07 18:46	SW846 8021B	7013920
Ethylbenzene	ND		mg/kg	0.00101	1	01/25/07 18:46	SW846 8021B	7013920
Toluene	ND		mg/kg	0.00101	1	01/25/07 18:46	SW846 8021B	7013920
Xylenes, total	ND		mg/kg	0.00303	1	01/25/07 18:46	SW846 8021B	7013920
Surr: a,a,a-Trifluorotoluene (59-159%)	*101 %*					*01/25/07 18:46*	*SW846 8021B*	*7013920*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/26/07 10:25	SW846 8260B	7013788
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/26/07 10:25	SW846 8260B	7013788
Ethylbenzene	ND		mg/kg	0.00200	1	01/26/07 10:25	SW846 8260B	7013788
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/26/07 10:25	SW846 8260B	7013788
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/26/07 10:25	SW846 8260B	7013788
Toluene	ND		mg/kg	0.00200	1	01/26/07 10:25	SW846 8260B	7013788
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/26/07 10:25	SW846 8260B	7013788
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/26/07 10:25	SW846 8260B	7013788
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/26/07 10:25	SW846 8260B	7013788
Xylenes, total	ND		mg/kg	0.00500	1	01/26/07 10:25	SW846 8260B	7013788
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/26/07 10:25	SW846 8260B	7013788
Surr: 1,2-Dichloroethane-d4 (54-145%)	*102 %*					*01/26/07 10:25*	*SW846 8260B*	*7013788*
Surr: 1,2-Dichloroethane-d4 (54-145%)	*102 %*					*01/26/07 10:25*	*SW846 8260B*	*7013788*
Surr: Dibromofluoromethane (67-129%)	*103 %*					*01/26/07 10:25*	*SW846 8260B*	*7013788*
Surr: Dibromofluoromethane (67-129%)	*103 %*					*01/26/07 10:25*	*SW846 8260B*	*7013788*
Surr: Toluene-d8 (66-142%)	*95 %*					*01/26/07 10:25*	*SW846 8260B*	*7013788*
Surr: Toluene-d8 (66-142%)	*95 %*					*01/26/07 10:25*	*SW846 8260B*	*7013788*
Surr: 4-Bromofluorobenzene (68-150%)	*95 %*					*01/26/07 10:25*	*SW846 8260B*	*7013788*
Surr: 4-Bromofluorobenzene (68-150%)	*95 %*					*01/26/07 10:25*	*SW846 8260B*	*7013788*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.101	1	01/25/07 18:46	SW846 8015B	7013920
Surr: a,a,a-Trifluorotoluene (66-146%)	*101 %*					*01/25/07 18:46*	*SW846 8015B*	*7013920*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.96	1	01/29/07 19:26	SW846 8015B	7013990
Surr: o-Terphenyl (32-132%)	*88 %*					*01/29/07 19:26*	*SW846 8015B*	*7013990*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2564
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/25/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2564-03 (VW2@5-5.5' - Soil) Sampled: 01/22/07 12:42								
Subcontracted Analysis								
See Attached Report								
See Attached Report								
Sample ID: NQA2564-04 (VW2@5.5-6' - Soil) Sampled: 01/22/07 12:45								
General Chemistry Parameters								
% Dry Solids	**85.4**		%	0.500	1	02/06/07 13:31	SW-846	7020165
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.000990	1	01/25/07 19:19	SW846 8021B	7013920
Ethylbenzene	ND		mg/kg	0.000990	1	01/25/07 19:19	SW846 8021B	7013920
Toluene	ND		mg/kg	0.000990	1	01/25/07 19:19	SW846 8021B	7013920
Xylenes, total	ND		mg/kg	0.00297	1	01/25/07 19:19	SW846 8021B	7013920
Surr: a,a,a-Trifluorotoluene (59-159%)	*101 %*					*01/25/07 19:19*	*SW846 8021B*	*7013920*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/26/07 10:55	SW846 8260B	7013788
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/26/07 10:55	SW846 8260B	7013788
Ethylbenzene	ND		mg/kg	0.00200	1	01/26/07 10:55	SW846 8260B	7013788
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/26/07 10:55	SW846 8260B	7013788
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/26/07 10:55	SW846 8260B	7013788
Toluene	ND		mg/kg	0.00200	1	01/26/07 10:55	SW846 8260B	7013788
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/26/07 10:55	SW846 8260B	7013788
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/26/07 10:55	SW846 8260B	7013788
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/26/07 10:55	SW846 8260B	7013788
Xylenes, total	ND		mg/kg	0.00500	1	01/26/07 10:55	SW846 8260B	7013788
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/26/07 10:55	SW846 8260B	7013788
Surr: 1,2-Dichloroethane-d4 (54-145%)	*100 %*					*01/26/07 10:55*	*SW846 8260B*	*7013788*
Surr: 1,2-Dichloroethane-d4 (54-145%)	*100 %*					*01/26/07 10:55*	*SW846 8260B*	*7013788*
Surr: Dibromofluoromethane (67-129%)	*104 %*					*01/26/07 10:55*	*SW846 8260B*	*7013788*
Surr: Dibromofluoromethane (67-129%)	*104 %*					*01/26/07 10:55*	*SW846 8260B*	*7013788*
Surr: Toluene-d8 (66-142%)	*96 %*					*01/26/07 10:55*	*SW846 8260B*	*7013788*
Surr: Toluene-d8 (66-142%)	*96 %*					*01/26/07 10:55*	*SW846 8260B*	*7013788*
Surr: 4-Bromofluorobenzene (68-150%)	*100 %*					*01/26/07 10:55*	*SW846 8260B*	*7013788*
Surr: 4-Bromofluorobenzene (68-150%)	*100 %*					*01/26/07 10:55*	*SW846 8260B*	*7013788*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.0990	1	01/25/07 19:19	SW846 8015B	7013920
Surr: a,a,a-Trifluorotoluene (66-146%)	*101 %*					*01/25/07 19:19*	*SW846 8015B*	*7013920*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.91	1	01/29/07 19:43	SW846 8015B	7013990
Surr: o-Terphenyl (32-132%)	*82 %*					*01/29/07 19:43*	*SW846 8015B*	*7013990*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2564
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/25/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2564-05 (VW3@5-5.5' - Soil) Sampled: 01/22/07 14:45								
Subcontracted Analysis								
See Attached Report								
See Attached Report								
Sample ID: NQA2564-06 (VW3@5.5-6' - Soil) Sampled: 01/22/07 14:50								
General Chemistry Parameters								
% Dry Solids	**82.1**		%	0.500	1	02/06/07 13:31	SW-846	7020165
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.00101	1	01/25/07 19:52	SW846 8021B	7013920
Ethylbenzene	ND		mg/kg	0.00101	1	01/25/07 19:52	SW846 8021B	7013920
Toluene	ND		mg/kg	0.00101	1	01/25/07 19:52	SW846 8021B	7013920
Xylenes, total	ND		mg/kg	0.00302	1	01/25/07 19:52	SW846 8021B	7013920
Surr: a,a,a-Trifluorotoluene (59-159%)	*101 %*					*01/25/07 19:52*	*SW846 8021B*	*7013920*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/26/07 11:26	SW846 8260B	7013788
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/26/07 11:26	SW846 8260B	7013788
Ethylbenzene	ND		mg/kg	0.00200	1	01/26/07 11:26	SW846 8260B	7013788
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/26/07 11:26	SW846 8260B	7013788
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/26/07 11:26	SW846 8260B	7013788
Toluene	ND		mg/kg	0.00200	1	01/26/07 11:26	SW846 8260B	7013788
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/26/07 11:26	SW846 8260B	7013788
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/26/07 11:26	SW846 8260B	7013788
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/26/07 11:26	SW846 8260B	7013788
Xylenes, total	ND		mg/kg	0.00500	1	01/26/07 11:26	SW846 8260B	7013788
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/26/07 11:26	SW846 8260B	7013788
Surr: 1,2-Dichloroethane-d4 (54-145%)	*100 %*					*01/26/07 11:26*	*SW846 8260B*	*7013788*
Surr: 1,2-Dichloroethane-d4 (54-145%)	*100 %*					*01/26/07 11:26*	*SW846 8260B*	*7013788*
Surr: Dibromofluoromethane (67-129%)	*101 %*					*01/26/07 11:26*	*SW846 8260B*	*7013788*
Surr: Dibromofluoromethane (67-129%)	*101 %*					*01/26/07 11:26*	*SW846 8260B*	*7013788*
Surr: Toluene-d8 (66-142%)	*95 %*					*01/26/07 11:26*	*SW846 8260B*	*7013788*
Surr: Toluene-d8 (66-142%)	*95 %*					*01/26/07 11:26*	*SW846 8260B*	*7013788*
Surr: 4-Bromofluorobenzene (68-150%)	*100 %*					*01/26/07 11:26*	*SW846 8260B*	*7013788*
Surr: 4-Bromofluorobenzene (68-150%)	*100 %*					*01/26/07 11:26*	*SW846 8260B*	*7013788*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.101	1	01/25/07 19:52	SW846 8015B	7013920
Surr: a,a,a-Trifluorotoluene (66-146%)	*101 %*					*01/25/07 19:52*	*SW846 8015B*	*7013920*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.87	1	01/29/07 20:00	SW846 8015B	7013990
Surr: o-Terphenyl (32-132%)	*81 %*					*01/29/07 20:00*	*SW846 8015B*	*7013990*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2564
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/25/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2564-07 (VW4@5-5.5' - Soil) Sampled: 01/22/07 15:00								
Subcontracted Analysis								
See Attached Report								
See Attached Report								
Sample ID: NQA2564-08 (VW4@5.5-6' - Soil) Sampled: 01/22/07 15:03								
General Chemistry Parameters								
% Dry Solids	**81.6**		%	0.500	1	02/06/07 13:31	SW-846	7020165
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.00101	1	01/25/07 20:25	SW846 8021B	7013920
Ethylbenzene	ND		mg/kg	0.00101	1	01/25/07 20:25	SW846 8021B	7013920
Toluene	ND		mg/kg	0.00101	1	01/25/07 20:25	SW846 8021B	7013920
Xylenes, total	ND		mg/kg	0.00303	1	01/25/07 20:25	SW846 8021B	7013920
Surr: a,a,a-Trifluorotoluene (59-159%)	*100 %*					*01/25/07 20:25*	*SW846 8021B*	*7013920*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/26/07 11:56	SW846 8260B	7013788
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/26/07 11:56	SW846 8260B	7013788
Ethylbenzene	ND		mg/kg	0.00200	1	01/26/07 11:56	SW846 8260B	7013788
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/26/07 11:56	SW846 8260B	7013788
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/26/07 11:56	SW846 8260B	7013788
Toluene	ND		mg/kg	0.00200	1	01/26/07 11:56	SW846 8260B	7013788
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/26/07 11:56	SW846 8260B	7013788
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/26/07 11:56	SW846 8260B	7013788
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/26/07 11:56	SW846 8260B	7013788
Xylenes, total	ND		mg/kg	0.00500	1	01/26/07 11:56	SW846 8260B	7013788
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/26/07 11:56	SW846 8260B	7013788
Surr: 1,2-Dichloroethane-d4 (54-145%)	*96 %*					*01/26/07 11:56*	*SW846 8260B*	*7013788*
Surr: 1,2-Dichloroethane-d4 (54-145%)	*96 %*					*01/26/07 11:56*	*SW846 8260B*	*7013788*
Surr: Dibromofluoromethane (67-129%)	*103 %*					*01/26/07 11:56*	*SW846 8260B*	*7013788*
Surr: Dibromofluoromethane (67-129%)	*103 %*					*01/26/07 11:56*	*SW846 8260B*	*7013788*
Surr: Toluene-d8 (66-142%)	*99 %*					*01/26/07 11:56*	*SW846 8260B*	*7013788*
Surr: Toluene-d8 (66-142%)	*99 %*					*01/26/07 11:56*	*SW846 8260B*	*7013788*
Surr: 4-Bromofluorobenzene (68-150%)	*108 %*					*01/26/07 11:56*	*SW846 8260B*	*7013788*
Surr: 4-Bromofluorobenzene (68-150%)	*108 %*					*01/26/07 11:56*	*SW846 8260B*	*7013788*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.101	1	01/25/07 20:25	SW846 8015B	7013920
Surr: a,a,a-Trifluorotoluene (66-146%)	*100 %*					*01/25/07 20:25*	*SW846 8015B*	*7013920*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	**8.73**		mg/kg	3.86	1	01/30/07 10:21	SW846 8015B	7013990
Surr: o-Terphenyl (32-132%)	*92 %*					*01/30/07 10:21*	*SW846 8015B*	*7013990*
Sample ID: NQA2564-09 (VW5@5-5.5' - Soil) Sampled: 01/22/07 11:10								
Subcontracted Analysis								
See Attached Report								

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2564
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/25/07 07:50

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2564-09 (VW5@5-5.5' - Soil) - cont. Sampled: 01/22/07 11:10								
Subcontracted Analysis - cont.								
See Attached Report								
Sample ID: NQA2564-10 (VW5@5.5-6' - Soil) Sampled: 01/22/07 11:20								
General Chemistry Parameters								
% Dry Solids	**81.0**		%	0.500	1	02/06/07 13:31	SW-846	7020165
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.000990	1	01/25/07 20:57	SW846 8021B	7013920
Ethylbenzene	ND		mg/kg	0.000990	1	01/25/07 20:57	SW846 8021B	7013920
Toluene	ND		mg/kg	0.000990	1	01/25/07 20:57	SW846 8021B	7013920
Xylenes, total	ND		mg/kg	0.00297	1	01/25/07 20:57	SW846 8021B	7013920
Surr: a,a,a-Trifluorotoluene (59-159%)	*100 %*					*01/25/07 20:57*	*SW846 8021B*	*7013920*
Selected Volatile Organic Compounds by EPA Method 8260B								
Benzene	ND		mg/kg	0.00200	1	01/26/07 12:27	SW846 8260B	7013788
Tertiary Butyl Alcohol	ND		mg/kg	0.0500	1	01/26/07 12:27	SW846 8260B	7013788
Ethylbenzene	ND		mg/kg	0.00200	1	01/26/07 12:27	SW846 8260B	7013788
Methyl tert-Butyl Ether	ND		mg/kg	0.00200	1	01/26/07 12:27	SW846 8260B	7013788
Diisopropyl Ether	ND		mg/kg	0.00200	1	01/26/07 12:27	SW846 8260B	7013788
Toluene	ND		mg/kg	0.00200	1	01/26/07 12:27	SW846 8260B	7013788
Ethyl tert-Butyl Ether	ND		mg/kg	0.00500	1	01/26/07 12:27	SW846 8260B	7013788
1,2-Dichloroethane	ND		mg/kg	0.00200	1	01/26/07 12:27	SW846 8260B	7013788
Tert-Amyl Methyl Ether	ND		mg/kg	0.00200	1	01/26/07 12:27	SW846 8260B	7013788
Xylenes, total	ND		mg/kg	0.00500	1	01/26/07 12:27	SW846 8260B	7013788
1,2-Dibromoethane (EDB)	ND		mg/kg	0.00200	1	01/26/07 12:27	SW846 8260B	7013788
Surr: 1,2-Dichloroethane-d4 (54-145%)	*99 %*					*01/26/07 12:27*	*SW846 8260B*	*7013788*
Surr: 1,2-Dichloroethane-d4 (54-145%)	*99 %*					*01/26/07 12:27*	*SW846 8260B*	*7013788*
Surr: Dibromofluoromethane (67-129%)	*102 %*					*01/26/07 12:27*	*SW846 8260B*	*7013788*
Surr: Dibromofluoromethane (67-129%)	*102 %*					*01/26/07 12:27*	*SW846 8260B*	*7013788*
Surr: Toluene-d8 (66-142%)	*99 %*					*01/26/07 12:27*	*SW846 8260B*	*7013788*
Surr: Toluene-d8 (66-142%)	*99 %*					*01/26/07 12:27*	*SW846 8260B*	*7013788*
Surr: 4-Bromofluorobenzene (68-150%)	*103 %*					*01/26/07 12:27*	*SW846 8260B*	*7013788*
Surr: 4-Bromofluorobenzene (68-150%)	*103 %*					*01/26/07 12:27*	*SW846 8260B*	*7013788*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.0990	1	01/25/07 20:57	SW846 8015B	7013920
Surr: a,a,a-Trifluorotoluene (66-146%)	*100 %*					*01/25/07 20:57*	*SW846 8015B*	*7013920*
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	ND		mg/kg	3.86	1	01/29/07 20:34	SW846 8015B	7013990
Surr: o-Terphenyl (32-132%)	*90 %*					*01/29/07 20:34*	*SW846 8015B*	*7013990*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2564
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/25/07 07:50

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Extractable Petroleum Hydrocarbons with Silica Gel Treatment							
SW846 8015B	7013990	NQA2564-02	25.28	1.00	01/27/07 11:02	BJM	EPA 3550B
SW846 8015B	7013990	NQA2564-04	25.58	1.00	01/27/07 11:02	BJM	EPA 3550B
SW846 8015B	7013990	NQA2564-06	25.81	1.00	01/27/07 11:02	BJM	EPA 3550B
SW846 8015B	7013990	NQA2564-08	25.91	1.00	01/27/07 11:02	BJM	EPA 3550B
SW846 8015B	7013990	NQA2564-08RE1	25.91	1.00	01/27/07 11:02	BJM	EPA 3550B
SW846 8015B	7013990	NQA2564-10	25.90	1.00	01/27/07 11:02	BJM	EPA 3550B
Purgeable Petroleum Hydrocarbons							
SW846 8015B	7013920	NQA2564-02	4.95	5.00	01/25/07 10:46	NKN	EPA 5035A (GC)
SW846 8015B	7013920	NQA2564-04	5.05	5.00	01/25/07 11:00	NKN	EPA 5035A (GC)
SW846 8015B	7013920	NQA2564-06	4.96	5.00	01/25/07 11:03	NKN	EPA 5035A (GC)
SW846 8015B	7013920	NQA2564-08	4.95	5.00	01/25/07 11:06	NKN	EPA 5035A (GC)
SW846 8015B	7013920	NQA2564-10	5.05	5.00	01/25/07 11:10	NKN	EPA 5035A (GC)
Selected Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	7013788	NQA2564-02	5.00	5.00	01/25/07 11:37	SNN	EPA 5035
SW846 8260B	7013788	NQA2564-04	5.00	5.00	01/25/07 11:41	SNN	EPA 5035
SW846 8260B	7013788	NQA2564-06	5.00	5.00	01/25/07 11:50	SNN	EPA 5035
SW846 8260B	7013788	NQA2564-08	5.00	5.00	01/25/07 11:54	SNN	EPA 5035
SW846 8260B	7013788	NQA2564-10	5.00	5.00	01/25/07 11:59	SNN	EPA 5035
Volatile Organic Compounds by EPA Method 8021B							
SW846 8021B	7013920	NQA2564-02	4.95	5.00	01/25/07 10:46	NKN	EPA 5035A (GC)
SW846 8021B	7013920	NQA2564-04	5.05	5.00	01/25/07 11:00	NKN	EPA 5035A (GC)
SW846 8021B	7013920	NQA2564-06	4.96	5.00	01/25/07 11:03	NKN	EPA 5035A (GC)
SW846 8021B	7013920	NQA2564-08	4.95	5.00	01/25/07 11:06	NKN	EPA 5035A (GC)
SW846 8021B	7013920	NQA2564-10	5.05	5.00	01/25/07 11:10	NKN	EPA 5035A (GC)
Volatile Organic Compounds by EPA Method 8260B							
SW846 8260B	7013788	NQA2564-02	5.00	5.00	01/25/07 11:37	JPH	EPA 5035
SW846 8260B	7013788	NQA2564-04	5.00	5.00	01/25/07 11:41	JPH	EPA 5035
SW846 8260B	7013788	NQA2564-06	5.00	5.00	01/25/07 11:50	JPH	EPA 5035
SW846 8260B	7013788	NQA2564-08	5.00	5.00	01/25/07 11:54	JPH	EPA 5035
SW846 8260B	7013788	NQA2564-10	5.00	5.00	01/25/07 11:59	JPH	EPA 5035

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2564
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/25/07 07:50

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B						
7013920-BLK1						
Benzene	<0.000400		mg/kg	7013920	7013920-BLK1	01/25/07 11:38
Ethylbenzene	<0.000400		mg/kg	7013920	7013920-BLK1	01/25/07 11:38
Toluene	<0.000300		mg/kg	7013920	7013920-BLK1	01/25/07 11:38
Xylenes, total	0.000416		mg/kg	7013920	7013920-BLK1	01/25/07 11:38
Surrogate: a,a,a-Trifluorotoluene	101%			7013920	7013920-BLK1	01/25/07 11:38
Selected Volatile Organic Compounds by EPA Method 8260B						
7013788-BLK1						
Benzene	<0.000600		mg/kg	7013788	7013788-BLK1	01/26/07 03:18
Tertiary Butyl Alcohol	<0.0131		mg/kg	7013788	7013788-BLK1	01/26/07 03:18
Ethylbenzene	<0.000630		mg/kg	7013788	7013788-BLK1	01/26/07 03:18
Methyl tert-Butyl Ether	<0.000530		mg/kg	7013788	7013788-BLK1	01/26/07 03:18
Diisopropyl Ether	<0.000460		mg/kg	7013788	7013788-BLK1	01/26/07 03:18
Toluene	<0.000660		mg/kg	7013788	7013788-BLK1	01/26/07 03:18
Ethyl tert-Butyl Ether	<0.000660		mg/kg	7013788	7013788-BLK1	01/26/07 03:18
1,2-Dichloroethane	<0.000540		mg/kg	7013788	7013788-BLK1	01/26/07 03:18
Tert-Amyl Methyl Ether	<0.000570		mg/kg	7013788	7013788-BLK1	01/26/07 03:18
Xylenes, total	<0.00130		mg/kg	7013788	7013788-BLK1	01/26/07 03:18
1,2-Dibromoethane (EDB)	<0.000610		mg/kg	7013788	7013788-BLK1	01/26/07 03:18
Surrogate: 1,2-Dichloroethane-d4	99%			7013788	7013788-BLK1	01/26/07 03:18
Surrogate: 1,2-Dichloroethane-d4	99%			7013788	7013788-BLK1	01/26/07 03:18
Surrogate: Dibromofluoromethane	102%			7013788	7013788-BLK1	01/26/07 03:18
Surrogate: Dibromofluoromethane	102%			7013788	7013788-BLK1	01/26/07 03:18
Surrogate: Toluene-d8	98%			7013788	7013788-BLK1	01/26/07 03:18
Surrogate: Toluene-d8	98%			7013788	7013788-BLK1	01/26/07 03:18
Surrogate: 4-Bromofluorobenzene	103%			7013788	7013788-BLK1	01/26/07 03:18
Surrogate: 4-Bromofluorobenzene	103%			7013788	7013788-BLK1	01/26/07 03:18
Purgeable Petroleum Hydrocarbons						
7013920-BLK1						
GRO as Gasoline	0.0509		mg/kg	7013920	7013920-BLK1	01/25/07 11:38
Surrogate: a,a,a-Trifluorotoluene	101%			7013920	7013920-BLK1	01/25/07 11:38
Extractable Petroleum Hydrocarbons with Silica Gel Treatment						
7013990-BLK1						
Diesel	<2.00		mg/kg	7013990	7013990-BLK1	01/29/07 18:17
Surrogate: o-Terphenyl	95%			7013990	7013990-BLK1	01/29/07 18:17

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2564
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/25/07 07:50

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B								
7013920-BS1								
Benzene	0.100	0.0801		mg/kg	80%	69 - 131	7013920	01/26/07 00:47
Ethylbenzene	0.100	0.0978		mg/kg	98%	79 - 123	7013920	01/26/07 00:47
Toluene	0.100	0.0947		mg/kg	95%	74 - 122	7013920	01/26/07 00:47
Xylenes, total	0.200	0.200		mg/kg	100%	75 - 125	7013920	01/26/07 00:47
Surrogate: a,a,a-Trifluorotoluene	30.0	29.9			100%	59 - 159	7013920	01/26/07 00:47
Selected Volatile Organic Compounds by EPA Method 8260B								
7013788-BS1								
Benzene	0.0500	0.0536		mg/kg	107%	78 - 123	7013788	01/26/07 02:48
Tertiary Butyl Alcohol	0.500	0.526		mg/kg	105%	22 - 159	7013788	01/26/07 02:48
Ethylbenzene	0.0500	0.0483		mg/kg	97%	78 - 127	7013788	01/26/07 02:48
Methyl tert-Butyl Ether	0.0500	0.0565		mg/kg	113%	62 - 129	7013788	01/26/07 02:48
Diisopropyl Ether	0.0500	0.0502		mg/kg	100%	70 - 122	7013788	01/26/07 02:48
Toluene	0.0500	0.0496		mg/kg	99%	77 - 124	7013788	01/26/07 02:48
Ethyl tert-Butyl Ether	0.0500	0.0553		mg/kg	111%	66 - 126	7013788	01/26/07 02:48
1,2-Dichloroethane	0.0500	0.0564		mg/kg	113%	73 - 131	7013788	01/26/07 02:48
Tert-Amyl Methyl Ether	0.0500	0.0587		mg/kg	117%	67 - 130	7013788	01/26/07 02:48
Xylenes, total	0.150	0.146		mg/kg	97%	77 - 128	7013788	01/26/07 02:48
1,2-Dibromoethane (EDB)	0.0500	0.0561		mg/kg	112%	79 - 129	7013788	01/26/07 02:48
Surrogate: 1,2-Dichloroethane-d4	50.0	50.5			101%	54 - 145	7013788	01/26/07 02:48
Surrogate: 1,2-Dichloroethane-d4	50.0	50.5			101%	54 - 145	7013788	01/26/07 02:48
Surrogate: Dibromofluoromethane	50.0	51.4			103%	67 - 129	7013788	01/26/07 02:48
Surrogate: Dibromofluoromethane	50.0	51.4			103%	67 - 129	7013788	01/26/07 02:48
Surrogate: Toluene-d8	50.0	48.2			96%	66 - 142	7013788	01/26/07 02:48
Surrogate: Toluene-d8	50.0	48.2			96%	66 - 142	7013788	01/26/07 02:48
Surrogate: 4-Bromofluorobenzene	50.0	50.9			102%	68 - 150	7013788	01/26/07 02:48
Surrogate: 4-Bromofluorobenzene	50.0	50.9			102%	68 - 150	7013788	01/26/07 02:48
Purgeable Petroleum Hydrocarbons								
7013920-BS2								
GRO as Gasoline	10.0	8.41		mg/kg	84%	76 - 117	7013920	01/26/07 01:20
Surrogate: a,a,a-Trifluorotoluene	30.0	31.7			106%	66 - 146	7013920	01/26/07 01:20
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
7013990-BS1								
Diesel	40.0	43.1		mg/kg	108%	41 - 141	7013990	01/29/07 18:34
Surrogate: o-Terphenyl	0.800	0.783			98%	32 - 132	7013990	01/29/07 18:34

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2564
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/25/07 07:50

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B										
7013920-MS1										
Benzene	0.000533	0.0451		mg/kg	0.0500	89%	10 - 147	7013920	NQA2564-10	01/25/07 23:41
Ethylbenzene	ND	0.0427		mg/kg	0.0500	85%	10 - 138	7013920	NQA2564-10	01/25/07 23:41
Toluene	ND	0.0419		mg/kg	0.0500	84%	10 - 138	7013920	NQA2564-10	01/25/07 23:41
Xylenes, total	ND	0.0849		mg/kg	0.100	85%	10 - 142	7013920	NQA2564-10	01/25/07 23:41
Surrogate: a,a,a-Trifluorotoluene		30.0		ug/L	30.0	100%	59 - 159	7013920	NQA2564-10	01/25/07 23:41
Selected Volatile Organic Compounds by EPA Method 8260B										
7013788-MS1										
Benzene	ND	0.0430		mg/kg	0.0500	86%	41 - 134	7013788	NQA2479-20	01/26/07 12:57
Tertiary Butyl Alcohol	ND	0.379		mg/kg	0.500	76%	10 - 167	7013788	NQA2479-20	01/26/07 12:57
Ethylbenzene	ND	0.0370		mg/kg	0.0500	74%	27 - 143	7013788	NQA2479-20	01/26/07 12:57
Methyl tert-Butyl Ether	0.00474	0.0448		mg/kg	0.0500	80%	26 - 147	7013788	NQA2479-20	01/26/07 12:57
Diisopropyl Ether	ND	0.0378		mg/kg	0.0500	76%	43 - 131	7013788	NQA2479-20	01/26/07 12:57
Toluene	ND	0.0387		mg/kg	0.0500	77%	31 - 145	7013788	NQA2479-20	01/26/07 12:57
Ethyl tert-Butyl Ether	ND	0.0398		mg/kg	0.0500	80%	45 - 136	7013788	NQA2479-20	01/26/07 12:57
1,2-Dichloroethane	ND	0.0382		mg/kg	0.0500	76%	39 - 143	7013788	NQA2479-20	01/26/07 12:57
Tert-Amyl Methyl Ether	ND	0.0386		mg/kg	0.0500	77%	37 - 149	7013788	NQA2479-20	01/26/07 12:57
Xylenes, total	ND	0.109		mg/kg	0.150	73%	27 - 140	7013788	NQA2479-20	01/26/07 12:57
1,2-Dibromoethane (EDB)	ND	0.0354		mg/kg	0.0500	71%	33 - 147	7013788	NQA2479-20	01/26/07 12:57
Surrogate: 1,2-Dichloroethane-d4		50.1		ug/kg	50.0	100%	54 - 145	7013788	NQA2479-20	01/26/07 12:57
Surrogate: 1,2-Dichloroethane-d4		50.1		ug/kg	50.0	100%	54 - 145	7013788	NQA2479-20	01/26/07 12:57
Surrogate: Dibromofluoromethane		52.0		ug/kg	50.0	104%	67 - 129	7013788	NQA2479-20	01/26/07 12:57
Surrogate: Dibromofluoromethane		52.0		ug/kg	50.0	104%	67 - 129	7013788	NQA2479-20	01/26/07 12:57
Surrogate: Toluene-d8		48.0		ug/kg	50.0	96%	66 - 142	7013788	NQA2479-20	01/26/07 12:57
Surrogate: Toluene-d8		48.0		ug/kg	50.0	96%	66 - 142	7013788	NQA2479-20	01/26/07 12:57
Surrogate: 4-Bromofluorobenzene		50.4		ug/kg	50.0	101%	68 - 150	7013788	NQA2479-20	01/26/07 12:57
Surrogate: 4-Bromofluorobenzene		50.4		ug/kg	50.0	101%	68 - 150	7013788	NQA2479-20	01/26/07 12:57
Extractable Petroleum Hydrocarbons with Silica Gel Treatment										
7013990-MS1										
Diesel	ND	36.2		mg/kg	38.9	93%	24 - 133	7013990	NQA2564-04	01/29/07 18:51
Surrogate: o-Terphenyl		0.822		mg/kg	0.777	106%	32 - 132	7013990	NQA2564-04	01/29/07 18:51

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ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2564
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/25/07 07:50

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Volatile Organic Compounds by EPA Method 8021B												
7013920-MSD1												
Benzene	0.000533	0.0470		mg/kg	0.0500	93%	10 - 147	4	48	7013920	NQA2564-10	01/26/07 00:14
Ethylbenzene	ND	0.0441		mg/kg	0.0500	88%	10 - 138	3	46	7013920	NQA2564-10	01/26/07 00:14
Toluene	ND	0.0441		mg/kg	0.0500	88%	10 - 138	5	50	7013920	NQA2564-10	01/26/07 00:14
Xylenes, total	ND	0.0892		mg/kg	0.100	89%	10 - 142	5	50	7013920	NQA2564-10	01/26/07 00:14
Surrogate: a,a,a-Trifluorotoluene		30.0		ug/L	30.0	100%	59 - 159			7013920	NQA2564-10	01/26/07 00:14
Selected Volatile Organic Compounds by EPA Method 8260B												
7013788-MSD1												
Benzene	ND	0.0495		mg/kg	0.0500	99%	41 - 134	14	42	7013788	NQA2479-20	01/26/07 13:28
Tertiary Butyl Alcohol	ND	0.375		mg/kg	0.500	75%	10 - 167	1	47	7013788	NQA2479-20	01/26/07 13:28
Ethylbenzene	ND	0.0473		mg/kg	0.0500	95%	27 - 143	24	42	7013788	NQA2479-20	01/26/07 13:28
Methyl tert-Butyl Ether	0.00474	0.0504		mg/kg	0.0500	91%	26 - 147	12	47	7013788	NQA2479-20	01/26/07 13:28
Diisopropyl Ether	ND	0.0423		mg/kg	0.0500	85%	43 - 131	11	40	7013788	NQA2479-20	01/26/07 13:28
Toluene	ND	0.0467		mg/kg	0.0500	93%	31 - 145	19	50	7013788	NQA2479-20	01/26/07 13:28
Ethyl tert-Butyl Ether	ND	0.0446		mg/kg	0.0500	89%	45 - 136	11	50	7013788	NQA2479-20	01/26/07 13:28
1,2-Dichloroethane	ND	0.0434		mg/kg	0.0500	87%	39 - 143	13	42	7013788	NQA2479-20	01/26/07 13:28
Tert-Amyl Methyl Ether	ND	0.0435		mg/kg	0.0500	87%	37 - 149	12	43	7013788	NQA2479-20	01/26/07 13:28
Xylenes, total	ND	0.138		mg/kg	0.150	92%	27 - 140	23	50	7013788	NQA2479-20	01/26/07 13:28
1,2-Dibromoethane (EDB)	ND	0.0403		mg/kg	0.0500	81%	33 - 147	13	50	7013788	NQA2479-20	01/26/07 13:28
Surrogate: 1,2-Dichloroethane-d4		50.9		ug/kg	50.0	102%	54 - 145			7013788	NQA2479-20	01/26/07 13:28
Surrogate: 1,2-Dichloroethane-d4		50.9		ug/kg	50.0	102%	54 - 145			7013788	NQA2479-20	01/26/07 13:28
Surrogate: Dibromofluoromethane		51.6		ug/kg	50.0	103%	67 - 129			7013788	NQA2479-20	01/26/07 13:28
Surrogate: Dibromofluoromethane		51.6		ug/kg	50.0	103%	67 - 129			7013788	NQA2479-20	01/26/07 13:28
Surrogate: Toluene-d8		48.3		ug/kg	50.0	97%	66 - 142			7013788	NQA2479-20	01/26/07 13:28
Surrogate: Toluene-d8		48.3		ug/kg	50.0	97%	66 - 142			7013788	NQA2479-20	01/26/07 13:28
Surrogate: 4-Bromofluorobenzene		49.3		ug/kg	50.0	99%	68 - 150			7013788	NQA2479-20	01/26/07 13:28
Surrogate: 4-Bromofluorobenzene		49.3		ug/kg	50.0	99%	68 - 150			7013788	NQA2479-20	01/26/07 13:28
Extractable Petroleum Hydrocarbons with Silica Gel Treatment												
7013990-MSD1												
Diesel	ND	35.0		mg/kg	38.9	90%	24 - 133	3	50	7013990	NQA2564-04	01/29/07 19:08
Surrogate: o-Terphenyl		0.665		mg/kg	0.777	86%	32 - 132			7013990	NQA2564-04	01/29/07 19:08

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	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/25/07 07:50

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	California
subcontract	Soil			
SW846 8015B	Soil	N/A	X	X
SW846 8021B	Soil	N/A	X	X
SW846 8260B	Soil	N/A	X	X
SW-846	Soil			

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	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/25/07 07:50

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte
Subcontract	Soil	See Attached Report
SW-846	Soil	% Dry Solids

BEAVER ENGINEERING, INC.

7378 COCKRILL BEND BLVD / NASHVILLE TN 37209
(615) 350-8124

E-MAIL: data@beaverengineering.com
FAX (615) 350-8149

January 31, 2007

Jim Hatfield
Test America
2960 Foster Creighton Dr
Nashville, TN 37204

Dear Jim,

We have completed the laboratory testing for your project NQA 2564.

Copies of those test results are attached.

Thanks for choosing Beaver Engineering. If we can be of further service, please let us know.

Sincerely,

Jo

Jo Hearn

Attached: Test Results

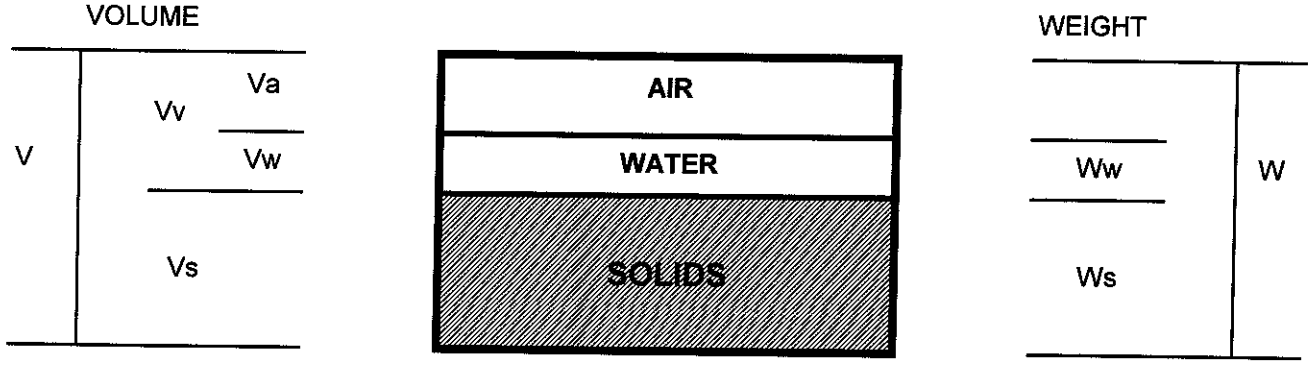
JAH/jah

BEAVER ENGINEERING

BEAVER ENGINEERING, INC.

7378 COCKRILL BEND BLVD
NASHVILLE, TN 37209
615-350-8124
e-mail: DATA@BEAVERENGINEERING.COM

DETERMINATION OF PHYSICAL PROPERTIES OF SOILS



Va = VOLUMETRIC AIR, Volume of Air
Vw =VOLUMETRIC WATER , Volume of Water
Vs = Volume of Solids
Vv = Volume of voids

W = TOTAL SAMPLE WEIGHT
Ww = Weight of Water
Ws = Weight of Soilds

POROSITY = Ratio of volume of voids to the total volume (V) of a given mass, Vv / V

SAMPLE IDENTIFICATION AND TEST RESULTS

DATE	**JANUARY 31, 2007**	
PROJECT NUMBER	**07-5403**	
PROJECT	**TEST AMERICA NQA 2564**	
LOCATION OF SAMPLE	**NQA 2564-01**	
TYPE SAMPLE	**METAL SHELBY TUBE**	
DESCRIPTION	CLAY, BROWN	
LENGTH	13.003 cm	
WEIGHT	505.7 grams	
MOISTURE		**23.4%**
TOTAL SOIL POROSITY		**.35** cm3/cm3 soil

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615-350-8124
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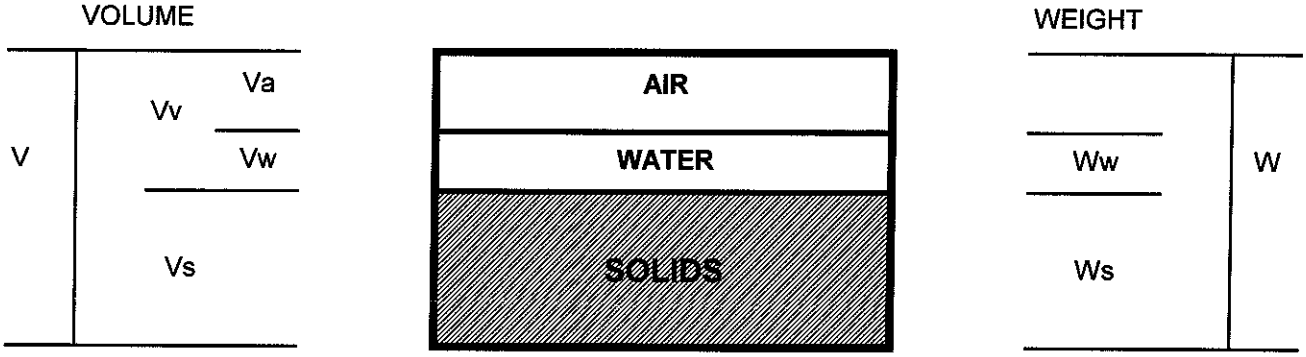
DETERMINATION OF PHYSICAL PROPERTIES OF SOILS



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SAMPLE IDENTIFICATION AND TEST RESULTS

DATE	**JANUARY 31, 2007**	
PROJECT NUMBER	**07-5403**	
PROJECT	**TEST AMERICA NQA 2564**	
LOCATION OF SAMPLE	**NQA 2564-03**	
TYPE SAMPLE	**METAL SHELBY TUBE**	
DESCRIPTION	CLAY, BROWN	
LENGTH	11.895 cm	
WEIGHT	444.3 grams	
MOISTURE		**17.4%**
TOTAL SOIL POROSITY		**.37** cm3/cm3 soil

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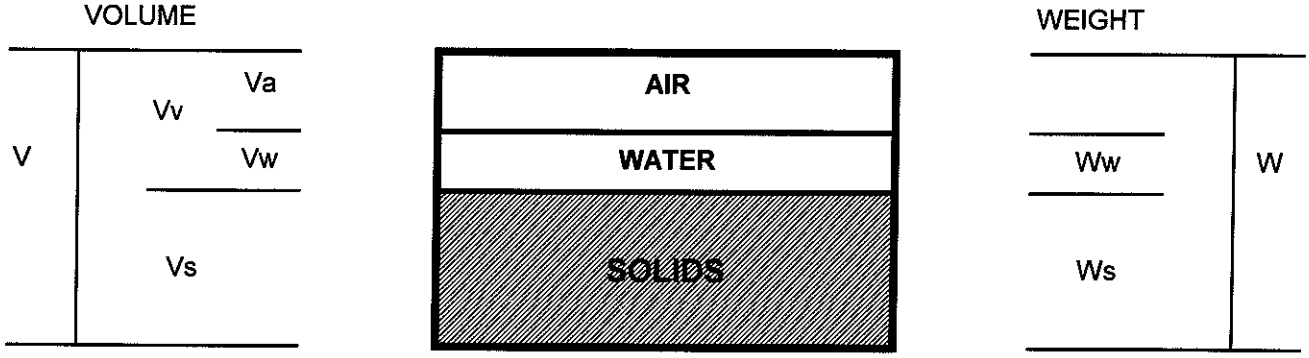
DETERMINATION OF PHYSICAL PROPERTIES OF SOILS



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SAMPLE IDENTIFICATION AND TEST RESULTS

DATE	**JANUARY 31, 2007**	
PROJECT NUMBER	**07-5403**	
PROJECT	**TEST AMERICA NQA 2564**	
LOCATION OF SAMPLE	**NQA 2564-05**	
TYPE SAMPLE	**METAL SHELBY TUBE**	
DESCRIPTION	CLAY, BROWN	
LENGTH	8.511 cm	
WEIGHT	320.9 grams	
MOISTURE		**21.6%**
TOTAL SOIL POROSITY		**.38** cm3/cm3 soil

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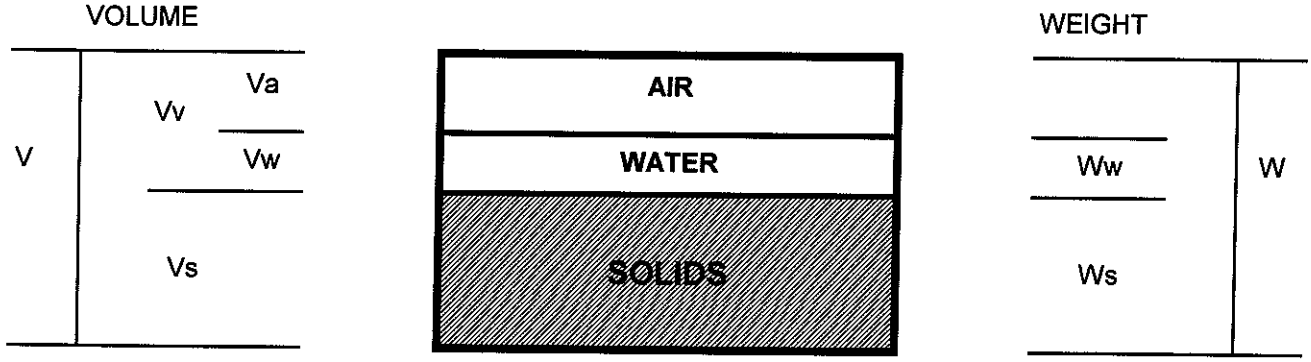
DETERMINATION OF PHYSICAL PROPERTIES OF SOILS



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SAMPLE IDENTIFICATION AND TEST RESULTS

DATE	**JANUARY 31, 2007**	
PROJECT NUMBER	**07-5403**	
PROJECT	**TEST AMERICA NQA 2564**	
LOCATION OF SAMPLE	**NQA 2564-07**	
TYPE SAMPLE	**METAL SHELBY TUBE**	
DESCRIPTION	CLAY, BROWN	
LENGTH	15.223 cm	
WEIGHT	477.6 grams	
MOISTURE		**21.7%**
TOTAL SOIL POROSITY		**.49** cm3/cm3 soil

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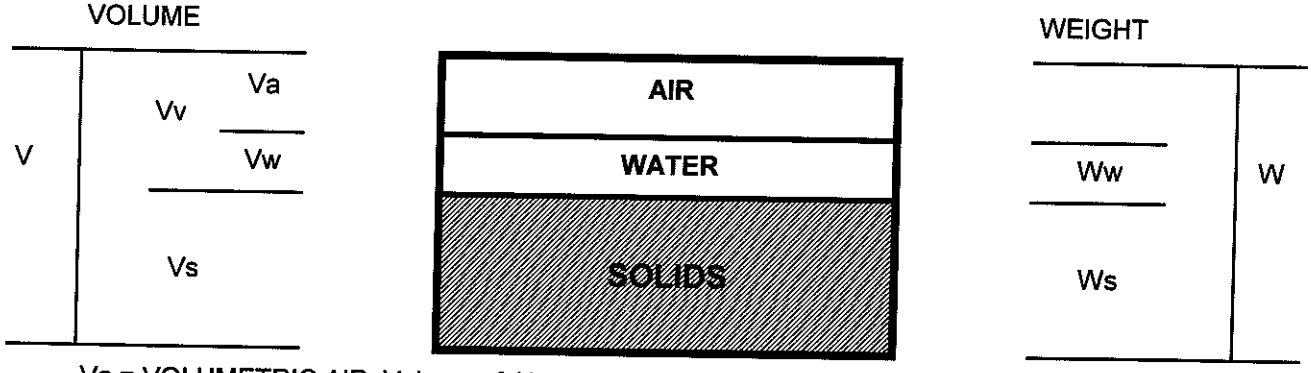
DETERMINATION OF PHYSICAL PROPERTIES OF SOILS



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SAMPLE IDENTIFICATION AND TEST RESULTS

DATE	**JANUARY 31, 2007**	
PROJECT NUMBER	**07-5403**	
PROJECT	**TEST AMERICA NQA 2564**	
LOCATION OF SAMPLE	**NQA 2564-09**	
TYPE SAMPLE	**METAL SHELBY TUBE**	
DESCRIPTION	CLAY, BROWN	
LENGTH	10.727 cm	
WEIGHT	370.5 grams	
MOISTURE		**24.3%**
TOTAL SOIL POROSITY		**.43** cm3/cm3 soil

TestAmerica ANALYTICAL TESTING CORPORATION

Morgan Hill Division
885 Jarvis Drive
Morgan Hill, CA 95037

Phone: 408-776-9600
Fax: 408-782-6308

ExxonMobil

Consultant Name: ETIC ENGINEERING
Address: 2285 MORELLO AVENUE
City/State/Zip: PLEASANT HILL, CA 92523
ExxonMobil Project Mgr: JENNIFER SEDLACHEK
Consultant Project Mgr: ERIK APPEL
Consultant Telephone Number: 925-602-4710
Fax No.: 925-602-4720
Sampler Name: (Print) ERIK APPEL
Sampler Signature: [signature]

TA Account #: 4508104331
Invoice To: (ExxonMobil PM unless otherwise indicated)
Report To:
PO #:
PROJECT #: TM 4121 THIRD
Facility ID #
Site Address 10605 FOOTHILL BLVD
City, State, Zip OAKLAND, CA
Regulatory District (CA)

NQA2564
02/08/07 23:59

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: Moisture Content D2216	Porosity ASTM D854	TPHg/TPHd 8015B	BTEX 8021B	8260B Oxygenates (*)	Lab No.	RUSH TAT (Pre-Schedule) *	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
VW1@5-5.5'	1/22/07	1200	1	X															X		X	X				01				
VW1@5.5-6'		1208	1	X															X				X	X	X	2				
VW2@5-5.5'		1242	1	X															X		X	X				3				
VW2@5.5-6'		1245	1	X															X				X	X	X	4				
VW3@5-5.5		1445	1	X															X		X	X				5				
VW3@5.5-6'		1450	1	X															X				X	X	X	6				
VW4@5-5.5		1500	1	X															X		X	X				7				
VW4@5.5-6'		1503	1	X															X				X	X	X	8				
VW5@5-5.5		1110	1	X															X		X	X				9				
VW5@5.5-6'	↓	1120	1	X															X				X	X	X	10				

Comments/Special Instructions:
(*) OXYGENATES: MTBE, TBA, DIPE, ETBE, TAME, EDB, 1,2-DCA

Relinquished by:	Date	Time	Received by:	Date	Time
[signature]	1/22/07	1735	[signature]	1/23/07	1410
Relinquished by: [signature]	1-23-07	1845	Received by TestAmerica: [signature]	1/23/07	1845

Laboratory Comments:
Temperature Upon Receipt: 2.6
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other

* It will be the responsibility of ExxonMobil or its consultant to notify the TestAmerica Project Manager by phone or fax that a rush sample will be submitted.
TA Project Manager: Date:

[signature] 1/24/07 1210 [signature] 1/25/07 7:50

Pedro Hufano

From: Christina Woodcock
Sent: Wednesday, January 24, 2007 8:26 AM
To: Evangeline Blanco; Pedro Hufano
Cc: Jim Hatfield
Subject: ETIC TM4121 1-22
Attachments: ETIC TM4121 1-22.pdf

send to Nashville

Christina Woodcock
Project Manager - Morgan Hill, CA Facility
Direct line: 408.782.8154
cwoodcock@testamericainc.com

TestAmerica
ANALYTICAL TESTING CORPORATION

NQA2564

Nashville Division
COOLER RECEIPT FORM BC#

Cooler Received/Opened On: January 25, 2007@ 750

. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 1010

Fed-Ex

2. Temperature of representative sample or temperature blank when opened: 2.0 Degrees Celsius
(indicate IR Gun ID#)

92171982

3. Were custody seals on outside of cooler? ..... YES NO NA

a If yes, how many and where: 1 Front

4. Were the seals intact, signed, and dated correctly? ..... YES NO NA

5. Were custody papers inside cooler? ..... YES NO NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... _____

6. Were custody seals on containers: YES NO and Intact YES NO NA

were these signed, and dated correctly? ..... YES NO NA

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert
Plastic bag Paper Other _____ None

8. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)? ..... YES NO NA

10. Were all container labels complete (#, date, signed, pres., etc)? ..... YES NO NA

11. Did all container labels and tags agree with custody papers? ..... YES NO NA

12. a. Were VOA vials received? ..... YES NO NA

b. Was there any observable head space present in any VOA vial? ..... YES NO NA

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... _____

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES NO NA

b. Did the bottle labels indicate that the correct preservatives were used ..... YES NO NA

If preservation in-house was needed, record standard ID of preservative used here _____

14. Was residual chlorine present? ..... YES NO NA

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... _____

15. Were custody papers properly filled out (ink, signed, etc)? ..... YES NO NA

16. Did you sign the custody papers in the appropriate place? ..... YES NO NA

17. Were correct containers used for the analysis requested? ..... YES NO NA

18. Was sufficient amount of sample sent in each container? ..... YES NO NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... _____

I certify that I attached a label with the unique LIMS number to each container (intial)..... _____

19. Were there Non-Conformance issues at login YES NO Was a PIPE generated YES NO # 11928

BIS = Broken in shipment

TestAmerica
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2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

February 08, 2007 3:46:12PM

Client: ETIC Engineering Pleasant Hill (10236)
2285 Morello Avenue
Pleasant Hill, CA 94523
Attn: Erik Appel

Work Order: NQA2752
Project Name: Exxon 7-4121
Project Nbr: 7-4121
P/O Nbr: 4508104331
Date Received: 01/26/07

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
Drum #1	NQA2752-01	01/24/07 12:00
Drum #2	NQA2752-02	01/24/07 12:00
Drum #3	NQA2752-03	01/24/07 12:00
Drum #4	NQA2752-04	01/24/07 12:00
Drum #5	NQA2752-05	01/24/07 12:00
Drum #6	NQA2752-06	01/24/07 12:00
Drum #7	NQA2752-07	01/24/07 12:00
Drum #8	NQA2752-08	01/24/07 12:00
Drum #9	NQA2752-09	01/24/07 12:00
Drum #10	NQA2752-10	01/24/07 12:00
Drum #11	NQA2752-11	01/24/07 12:00
Drum #15	NQA2752-12	01/24/07 12:00
Drum #16	NQA2752-13	01/24/07 12:00
Composite Of Drums-1,2,and 3	NQA2752-14	01/24/07 12:00
Composite of Drums -04,05,and 06	NQA2752-15	01/24/07 12:00
Composite of Drums -07 ,8 and 9	NQA2752-16	01/24/07 12:00
Composite of drums 10,11,15 and 16	NQA2752-17	01/24/07 12:00

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. Any opinions, if expressed, are outside the scope of the Laboratory's accredidation.

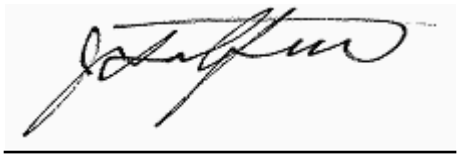
The Chain(s) of Custody, 4 pages, are included and are an integral part of this report.

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

Estimated uncertainity is available upon request.

This report has been electronically signed.

Report Approved By:



Jim Hatfield

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2752
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

Project Management

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2752
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2752-14 (Composite Of Drums-1,2,and 3 - Soil) Sampled: 01/24/07 12:00								
General Chemistry Parameters								
% Dry Solids	**53.7**		%	0.500	1	02/08/07 08:27	SW-846	7021144
Total Metals by EPA Method 6010B								
Lead	**7.81**		mg/kg	1.01	1	01/31/07 21:20	SW846 6010B	7014841
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00611**		mg/kg	0.000994	1	01/31/07 13:03	SW846 8021B	7014911
Ethylbenzene	ND		mg/kg	0.000994	1	01/31/07 13:03	SW846 8021B	7014911
Toluene	ND		mg/kg	0.000994	1	01/31/07 13:03	SW846 8021B	7014911
Xylenes, total	ND		mg/kg	0.00298	1	01/31/07 13:03	SW846 8021B	7014911
Surr: a,a,a-Trifluorotoluene (59-159%)	*100 %*					*01/31/07 13:03*	*SW846 8021B*	*7014911*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**0.336**		mg/kg	0.0994	1	01/31/07 13:03	SW846 8015B	7014911
Surr: a,a,a-Trifluorotoluene (66-146%)	*100 %*					*01/31/07 13:03*	*SW846 8015B*	*7014911*
Sample ID: NQA2752-15 (Composite of Drums -04,05,and 06 - Soil) Sampled: 01/24/07 12:00								
General Chemistry Parameters								
% Dry Solids	**71.7**		%	0.500	1	02/07/07 12:49	SW-846	7020810
Total Metals by EPA Method 6010B								
Lead	**33.1**		mg/kg	0.978	1	01/31/07 21:24	SW846 6010B	7014841
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00117**		mg/kg	0.000998	1	01/30/07 09:51	SW846 8021B	7014728
Ethylbenzene	ND		mg/kg	0.000998	1	01/30/07 09:51	SW846 8021B	7014728
Toluene	ND		mg/kg	0.000998	1	01/30/07 09:51	SW846 8021B	7014728
Xylenes, total	ND		mg/kg	0.00299	1	01/30/07 09:51	SW846 8021B	7014728
Surr: a,a,a-Trifluorotoluene (59-159%)	*102 %*					*01/30/07 09:51*	*SW846 8021B*	*7014728*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**0.157**		mg/kg	0.0998	1	01/30/07 09:51	SW846 8015B	7014728
Surr: a,a,a-Trifluorotoluene (66-146%)	*102 %*					*01/30/07 09:51*	*SW846 8015B*	*7014728*
Sample ID: NQA2752-16 (Composite of Drums -07 ,8 and 9 - Soil) Sampled: 01/24/07 12:00								
General Chemistry Parameters								
% Dry Solids	**82.7**		%	0.500	1	02/07/07 12:49	SW-846	7020810
Total Metals by EPA Method 6010B								
Lead	**5.91**		mg/kg	0.958	1	01/31/07 21:29	SW846 6010B	7014841
Volatile Organic Compounds by EPA Method 8021B								
Benzene	**0.00553**		mg/kg	0.00100	1	01/30/07 10:47	SW846 8021B	7014728
Ethylbenzene	**0.00119**		mg/kg	0.00100	1	01/30/07 10:47	SW846 8021B	7014728
Toluene	ND		mg/kg	0.00100	1	01/30/07 10:47	SW846 8021B	7014728
Xylenes, total	ND		mg/kg	0.00301	1	01/30/07 10:47	SW846 8021B	7014728
Surr: a,a,a-Trifluorotoluene (59-159%)	*101 %*					*01/30/07 10:47*	*SW846 8021B*	*7014728*

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2752
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NQA2752-16 (Composite of Drums -07 ,8 and 9 - Soil) - cont. Sampled: 01/24/07 12:00								
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	**0.871**		mg/kg	0.100	1	01/30/07 10:47	SW846 8015B	7014728
Surr: a,a,a-Trifluorotoluene (66-146%)	*101 %*					*01/30/07 10:47*	*SW846 8015B*	*7014728*
Sample ID: NQA2752-17 (Composite of drums 10,11,15 and 16 - Soil) Sampled: 01/24/07 12:00								
General Chemistry Parameters								
% Dry Solids	**72.1**		%	0.500	1	02/07/07 12:49	SW-846	7020810
Total Metals by EPA Method 6010B								
Lead	**8.00**		mg/kg	0.988	1	01/31/07 21:33	SW846 6010B	7014841
Volatile Organic Compounds by EPA Method 8021B								
Benzene	ND		mg/kg	0.00100	1	01/30/07 11:20	SW846 8021B	7014728
Ethylbenzene	ND		mg/kg	0.00100	1	01/30/07 11:20	SW846 8021B	7014728
Toluene	ND		mg/kg	0.00100	1	01/30/07 11:20	SW846 8021B	7014728
Xylenes, total	ND		mg/kg	0.00301	1	01/30/07 11:20	SW846 8021B	7014728
Surr: a,a,a-Trifluorotoluene (59-159%)	*101 %*					*01/30/07 11:20*	*SW846 8021B*	*7014728*
Purgeable Petroleum Hydrocarbons								
GRO as Gasoline	ND		mg/kg	0.100	1	01/30/07 11:20	SW846 8015B	7014728
Surr: a,a,a-Trifluorotoluene (66-146%)	*101 %*					*01/30/07 11:20*	*SW846 8015B*	*7014728*

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2752
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Purgeable Petroleum Hydrocarbons							
SW846 8015B	7014728	NQA2752-14	5.02	5.00	01/29/07 13:20	SNN	EPA 5035A (GC)
SW846 8015B	7014911	NQA2752-14RE1	5.03	5.00	01/29/07 13:20	SNN	EPA 5035A (GC)
SW846 8015B	7014728	NQA2752-15	5.01	5.00	01/29/07 13:23	SNN	EPA 5035A (GC)
SW846 8015B	7014728	NQA2752-16	4.98	5.00	01/29/07 13:26	SNN	EPA 5035A (GC)
SW846 8015B	7014728	NQA2752-17	4.99	5.00	01/29/07 13:30	SNN	EPA 5035A (GC)
Total Metals by EPA Method 6010B							
SW846 6010B	7014841	NQA2752-14	0.50	100.00	01/31/07 08:26	JMR	EPA 3051
SW846 6010B	7014841	NQA2752-15	0.51	100.00	01/31/07 08:26	JMR	EPA 3051
SW846 6010B	7014841	NQA2752-16	0.52	100.00	01/31/07 08:26	JMR	EPA 3051
SW846 6010B	7014841	NQA2752-17	0.51	100.00	01/31/07 08:26	JMR	EPA 3051
Volatile Organic Compounds by EPA Method 8021B							
SW846 8021B	7014728	NQA2752-14	5.02	5.00	01/29/07 13:20	SNN	EPA 5035A (GC)
SW846 8021B	7014911	NQA2752-14RE1	5.03	5.00	01/29/07 13:20	SNN	EPA 5035A (GC)
SW846 8021B	7014728	NQA2752-15	5.01	5.00	01/29/07 13:23	SNN	EPA 5035A (GC)
SW846 8021B	7014728	NQA2752-16	4.98	5.00	01/29/07 13:26	SNN	EPA 5035A (GC)
SW846 8021B	7014728	NQA2752-17	4.99	5.00	01/29/07 13:30	SNN	EPA 5035A (GC)

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2752
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA
Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Total Metals by EPA Method 6010B						
7014841-BLK1						
Lead	0.958		mg/kg	7014841	7014841-BLK1	01/31/07 20:37
Volatile Organic Compounds by EPA Method 8021B						
7014728-BLK1						
Benzene	<0.000400		mg/kg	7014728	7014728-BLK1	01/30/07 09:18
Ethylbenzene	<0.000400		mg/kg	7014728	7014728-BLK1	01/30/07 09:18
Toluene	<0.000300		mg/kg	7014728	7014728-BLK1	01/30/07 09:18
Xylenes, total	<0.000400		mg/kg	7014728	7014728-BLK1	01/30/07 09:18
Surrogate: a,a,a-Trifluorotoluene	101%			7014728	7014728-BLK1	01/30/07 09:18
7014911-BLK1						
Benzene	<0.000400		mg/kg	7014911	7014911-BLK1	01/31/07 10:19
Ethylbenzene	<0.000400		mg/kg	7014911	7014911-BLK1	01/31/07 10:19
Toluene	<0.000300		mg/kg	7014911	7014911-BLK1	01/31/07 10:19
Xylenes, total	<0.000400		mg/kg	7014911	7014911-BLK1	01/31/07 10:19
Surrogate: a,a,a-Trifluorotoluene	101%			7014911	7014911-BLK1	01/31/07 10:19
Purgeable Petroleum Hydrocarbons						
7014728-BLK1						
GRO as Gasoline	0.0383		mg/kg	7014728	7014728-BLK1	01/30/07 09:18
Surrogate: a,a,a-Trifluorotoluene	101%			7014728	7014728-BLK1	01/30/07 09:18
7014911-BLK1						
GRO as Gasoline	0.0451		mg/kg	7014911	7014911-BLK1	01/31/07 10:19
Surrogate: a,a,a-Trifluorotoluene	101%			7014911	7014911-BLK1	01/31/07 10:19

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	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA
LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Total Metals by EPA Method 6010B								
7014841-BS1								
Lead	100	102		mg/kg	102%	80 - 120	7014841	01/31/07 20:41
Volatile Organic Compounds by EPA Method 8021B								
7014728-BS1								
Benzene	0.100	0.0977		mg/kg	98%	69 - 131	7014728	01/30/07 23:23
Ethylbenzene	0.100	0.0979		mg/kg	98%	79 - 123	7014728	01/30/07 23:23
Toluene	0.100	0.0995		mg/kg	100%	74 - 122	7014728	01/30/07 23:23
Xylenes, total	0.200	0.198		mg/kg	99%	75 - 125	7014728	01/30/07 23:23
Surrogate: a,a,a-Trifluorotoluene	30.0	30.0			100%	59 - 159	7014728	01/30/07 23:23
7014911-BS1								
Benzene	0.100	0.100		mg/kg	100%	69 - 131	7014911	01/31/07 20:02
Ethylbenzene	0.100	0.101		mg/kg	101%	79 - 123	7014911	01/31/07 20:02
Toluene	0.100	0.103		mg/kg	103%	74 - 122	7014911	01/31/07 20:02
Xylenes, total	0.200	0.206		mg/kg	103%	75 - 125	7014911	01/31/07 20:02
Surrogate: a,a,a-Trifluorotoluene	30.0	30.0			100%	59 - 159	7014911	01/31/07 20:02
Purgeable Petroleum Hydrocarbons								
7014728-BS2								
GRO as Gasoline	10.0	9.51		mg/kg	95%	76 - 117	7014728	01/31/07 00:29
Surrogate: a,a,a-Trifluorotoluene	30.0	31.4			105%	66 - 146	7014728	01/31/07 00:29
7014911-BS2								
GRO as Gasoline	10.0	9.53		mg/kg	95%	76 - 117	7014911	01/31/07 21:08
Surrogate: a,a,a-Trifluorotoluene	30.0	33.5			112%	66 - 146	7014911	01/31/07 21:08

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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2752
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA

LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 6010B												
7014841-BSD1												
Lead		101		mg/kg	100	101%	80 - 120	1	20	7014841		01/31/07 20:46
Volatile Organic Compounds by EPA Method 8021B												
7014728-BSD1												
Benzene		0.0975		mg/kg	0.100	97%	69 - 131	0.2	48	7014728		01/30/07 23:56
Ethylbenzene		0.0987		mg/kg	0.100	99%	79 - 123	0.8	46	7014728		01/30/07 23:56
Toluene		0.0996		mg/kg	0.100	100%	74 - 122	0.1	50	7014728		01/30/07 23:56
Xylenes, total		0.198		mg/kg	0.200	99%	75 - 125	0	50	7014728		01/30/07 23:56
Surrogate: a,a,a-Trifluorotoluene		30.0		ug/L	30.0	100%	59 - 159			7014728		01/30/07 23:56
7014911-BSD1												
Benzene		0.0992		mg/kg	0.100	99%	69 - 131	0.8	48	7014911		01/31/07 20:35
Ethylbenzene		0.0993		mg/kg	0.100	99%	79 - 123	2	46	7014911		01/31/07 20:35
Toluene		0.101		mg/kg	0.100	101%	74 - 122	2	50	7014911		01/31/07 20:35
Xylenes, total		0.202		mg/kg	0.200	101%	75 - 125	2	50	7014911		01/31/07 20:35
Surrogate: a,a,a-Trifluorotoluene		30.0		ug/L	30.0	100%	59 - 159			7014911		01/31/07 20:35

TestAmerica
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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2752
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA
Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
Total Metals by EPA Method 6010B										
7014841-MS1										
Lead	10.2	117		mg/kg	99.4	107%	75 - 125	7014841	NQA2723-01	01/31/07 21:11
Volatile Organic Compounds by EPA Method 8021B										
7014728-MS1										
Benzene	ND	0.0446		mg/kg	0.0500	89%	10 - 147	7014728	NQA2752-17	01/30/07 12:26
Ethylbenzene	ND	0.0391		mg/kg	0.0500	78%	10 - 138	7014728	NQA2752-17	01/30/07 12:26
Toluene	ND	0.0401		mg/kg	0.0500	80%	10 - 138	7014728	NQA2752-17	01/30/07 12:26
Xylenes, total	ND	0.0760		mg/kg	0.100	76%	10 - 142	7014728	NQA2752-17	01/30/07 12:26
Surrogate: a,a,a-Trifluorotoluene		30.1		ug/L	30.0	100%	59 - 159	7014728	NQA2752-17	01/30/07 12:26

TestAmerica
ANALYTICAL TESTING CORPORATION
2960 Foster Creighton Road Nashville, TN 37204 * 800-765-0980 * Fax 615-726-3404

Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2752
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 6010B												
7014841-MSD1												
Lead	10.2	106		mg/kg	98.8	97%	75 - 125	10	20	7014841	NQA2723-01	01/31/07 21:15
Volatile Organic Compounds by EPA Method 8021B												
7014728-MSD1												
Benzene	ND	0.0390		mg/kg	0.0500	78%	10 - 147	13	48	7014728	NQA2752-17	01/30/07 12:59
Ethylbenzene	ND	0.0334		mg/kg	0.0500	67%	10 - 138	16	46	7014728	NQA2752-17	01/30/07 12:59
Toluene	ND	0.0336		mg/kg	0.0500	67%	10 - 138	18	50	7014728	NQA2752-17	01/30/07 12:59
Xylenes, total	ND	0.0624		mg/kg	0.100	62%	10 - 142	20	50	7014728	NQA2752-17	01/30/07 12:59
Surrogate: a,a,a-Trifluorotoluene		30.1		ug/L	30.0	100%	59 - 159			7014728	NQA2752-17	01/30/07 12:59

TestAmerica
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Client	ETIC Engineering Pleasant Hill (10236)	Work Order:	NQA2752
	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

CERTIFICATION SUMMARY

TestAmerica - Nashville, TN

Method	Matrix	AIHA	Nelac	California
NA	Soil			
SW846 6010B	Soil	N/A	X	X
SW846 8015B	Soil	N/A	X	X
SW846 8021B	Soil	N/A	X	X
SW-846	Soil			

TestAmerica
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	2285 Morello Avenue	Project Name:	Exxon 7-4121
	Pleasant Hill, CA 94523	Project Number:	7-4121
Attn	Erik Appel	Received:	01/26/07 08:00

NELAC CERTIFICATION SUMMARY

TestAmerica Analytical - Nashville does not hold NELAC certifications for the following analytes included in this report

Method	Matrix	Analyte
SW-846	Soil	% Dry Solids

TestAmerica
ANALYTICAL TESTING CORPORATION

NQA2752

Nashville Division
COOLER RECEIPT FORM

BC#

Cooler Received/Opened On 1/26/07 @ 8:00

1. Indicate the Airbill Tracking Number (last 4 digits for Fedex only) and Name of Courier below: 4219

Fed-Ex UPS Velocity DHL Route Off-street Misc.

2. Temperature of representative sample or temperature blank when opened: ~0.6 Degrees Celsius (indicate IR Gun ID#)

NA A00466 A00750 A01124 100190 101282 10594 90942856

3. Were custody seals on outside of cooler?..... YES...NO...NA

a. If yes, how many and where: 1 Front

4. Were the seals intact, signed, and dated correctly?..... YES...NO...NA

5. Were custody papers inside cooler?..... YES...NO...NA

I certify that I opened the cooler and answered questions 1-5 (intial)..... JR

6. Were custody seals on containers: YES (NO) and Intact YES NO (NA)

were these signed, and dated correctly?..... YES...NO...(NA)

7. What kind of packing material used? Bubblewrap Peanuts Vermiculite Foam Insert

(Plastic bag) Paper Other_____ None

8. Cooling process: (Ice) Ice-pack Ice (direct contact) Dry ice Other None

9. Did all containers arrive in good condition (unbroken)?..... (YES)...NO...NA

10. Were all container labels complete (#, date, signed, pres., etc)?..... (YES)...NO...NA

11. Did all container labels and tags agree with custody papers?..... (YES)...NO...NA

12. a. Were VOA vials received?..... YES...(NO)...NA

b. Was there any observable head space present in any VOA vial?..... YES...NO...(NA)

I certify that I unloaded the cooler and answered questions 6-12 (intial)..... JR

13. a. On preserved bottles did the pH test strips suggest that preservation reached the correct pH level? YES...NO...(NA)

b. Did the bottle labels indicate that the correct preservatives were used..... YES...NO...(NA)

If preservation in-house was needed, record standard ID of preservative used here_____

14. Was residual chlorine present?..... YES...NO...(NA)

I certify that I checked for chlorine and pH as per SOP and answered questions 13-14 (intial)..... JR

15. Were custody papers properly filled out (ink, signed, etc)?..... (YES)...NO...NA

16. Did you sign the custody papers in the appropriate place?..... (YES)...NO...NA

17. Were correct containers used for the analysis requested?..... (YES)...NO...NA

18. Was sufficient amount of sample sent in each container?..... (YES)...NO...NA

I certify that I entered this project into LIMS and answered questions 15-18 (intial)..... JR

I certify that I attached a label with the unique LIMS number to each container (intial)..... JR

19. Were there Non-Conformance issues at login YES (NO) Was a PIPE generated YES NO #_____

BIS = Broken in shipment
Cooler Receipt Form

Per Erik Appel 1-26
revised
COMPOSITE 1 → 3
4 → 6
7 → 9
10, 11, 15, & 16
for a total of four samples

TestAmerica
ANALYTICAL TESTING CORPORATION

Morgan Hill Division
885 Jarvis Drive
Morgan Hill, CA 95037

Phone: 408-776-9600
Fax: 408-782-6308

ExxonMobil

Consultant Name:	ETIC Engineering
Address:	2285 Morello Avenue
City/State/Zip:	Pleasant Hill, Ca 94523
ExxonMobil Project Mgr:	Jennifer Sedlachek
Consultant Project Mgr:	Erik Appel
Consultant Telephone Number:	925-602-4710
Fax No.:	925-602-4720
Sampler Name: (Print)	Erik Appel
Sampler Signature:	

TA Account #:	
Invoice To: (ExxonMobil PM unless otherwise indicated)	
Report To:	
PO #:	4508104331
PROJECT #:	TM4121 Task 3
Facility ID #:	7-4121
Site Address	10605 Foothill Boulevard
City, State, Zip	Oakland, CA
Regulatory District (CA)	

NQA2752
02/09/07 23:59

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass (Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: TPH-g	BTEX	Total Lead	Rush TAT (Pre-Schedule)	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
Drum #1	1/24/07	1200	1		X														X					1			
Drum #2	1/24/07	1200	1		X														X					4			
Drum #3	1/24/07	1200	1		X														X					3			
Drum #4	1/24/07	1200	1		X														X					4			
Drum #5	1/24/07	1200	1		X														X					5			
Drum #6	1/24/07	1200	1		X														X					6			
Drum #7	1/24/07	1200	1		X														X					7			
Drum #8	1/24/07	1200	1		X														X					8			
Drum #9	1/24/07	1200	1		X														X					9			
Drum #10	1/24/07	1200	1		X														X					10			

TPH-g BTEX Total Lead

1-26 NQA2752

COMPOSITE ALL SAMPLES AND RUN ONLY (1) ANALYSIS

Comments/Special Instructions:
COMPOSITE ALL SAMPLES AND ONLY RUN (1) ANALYSIS

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other
It will be the responsibility of ExxonMobil or its consultant to notify the TestAmerica Project Manager by phone or fax that a rush sample will be submitted.
TA Project Manager: Date:

Relinquished by:	Date	Time	Received by:	Date	Time
	1/24/07	1330		1-24-07	1545
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	1-24-07	1840		1/24/07	1840

11/25/07 13:50

11/26/07 8:00 ~0.6°C

ANALYZE COMPOSITE

Call (925) 250-4783 FOR QUESTIONS

page 2 of 2

TestAmerica ANALYTICAL TESTING CORPORATION

Morgan Hill Division
885 Jarvis Drive
Morgan Hill, CA 95037

Phone: 408-776-9600
Fax: 408-782-6308

ExxonMobil

Consultant Name: ETIC Engineering
Address: 2285 Morello Avenue
City/State/Zip: Pleasant Hill, Ca 94523
ExxonMobil Project Mgr: Jennifer Sedlachek
Consultant Project Mgr: Erik Appel

Consultant Telephone Number: 925-602-4710 **Fax No.:** 925-602-4720
Sampler Name: (Print) Erik Appel
Sampler Signature:

TA Account #:
Invoice To: (ExxonMobil PM unless otherwise indicated)
Report To:
PO #: 4508104331
PROJECT #: TM4121 Task 3
Facility ID #: 7-4121
Site Address 10605 Foothill Boulevard
City, State, Zip Oakland, CA
Regulatory District (CA)

Sample ID or Field ID	Date Sampled	Time Sampled	No. of Containers Shipped	Grab	Composite	Field Filtered	Preservative: Methanol	Sodium Bisulfate	HCl (Blue Label)	NaOH (Orange Label)	H_2SO_4 Plastic (Yellow Label)	H_2SO_4 Glass(Yellow Label)	HNO_3 (Red Label)	None (Black Label)	Matrix: Groundwater	Wastewater	Drinking Water	Sludge	Soil	Other (specify):	Analyze For: TPHg	BTEX	TPHd	See note on page 1	RUSH (TAT not guaranteed)	TAT request (in Bus. Days)	Fax Results (yes or no)	Due Date of Report
Drum #11	1/24/07	1200	1		X														X		X	X	X	Composite 2052-11				
Drum #15	1/24/07	1200	1		X														X					12				
Drum #16	1/24/07	1200	1		X														X					13				

Add 1 SAMPLE AND RUN ONE (1) ANALYSIS

Comments/Special Instructions: Composite Samples and Run one (1) Analysis

Relinquished by:	Date	Time	Received by:	Date	Time
	1/26/07	1330		1-24-07	1545
Relinquished by:	Date	Time	Received by TestAmerica:	Date	Time
	1-24-07	1840		1/28/07	1840

Laboratory Comments:
Temperature Upon Receipt:
Sample Containers Intact? Y N
VOCs Free of Headspace? Y N
QC Deliverables (please circle one)
Level 2 Level 3 Level 4 Other
* It will be the responsibility of ExxonMobil or its consultant to notify the TestAmerica Project Manager by phone or fax that a rush sample will be submitted.
TA Project Manager: Date:

1/25/07 13:50

Analyze Composite

1/26/07 8:00 -0.6°C

Pedro Hufano

From: Christina Woodcock
Sent: Thursday, January 25, 2007 8:27 AM
To: Evangeline Blanco; Pedro Hufano
Cc: Jim Hatfield
Subject: ETIC 7-4121 1-24_soilcomp
Attachments: ETIC 7-4121 1-24_soilcomp.pdf

send to Nashville

Christina Woodcock
Project Manager - Morgan Hill, CA Facility
Direct line: 408.782.8154
cwoodcock@testamericainc.com

Appendix I

Previous Soil and Groundwater Analytical Results from Soil Borings (ETIC 2006b)

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
05/02/06	5-5.5	<0.001	<0.1	**14**	<0.005
05/02/06	10-10.5	<0.001	<0.1	**5.2**	<0.005
05/02/06	15-15.5	<0.001	<0.1	**4.2**	<0.005
05/02/06	20-20.5	**0.120**	**14**	**9.3**	<0.005
05/02/06	24.5-25	<0.001	<0.1	<1.0	<0.005

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
05/27/05	5-5.5	<0.001	<5.02	<9.92	<0.002
05/27/05	18.5-19	<0.001	<5.05	<9.92	<0.002
05/27/05	24.5-25	**0.0011**	<4.95	<9.92	<0.002

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
03/19/04	11	**0.55**	**1,000**	**590**	<2.5

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
05/02/06	8-8.5	<0.001	<0.1	**1.4**	<0.005
05/02/06	13-13.5	<0.001	<0.1	<1.0	<0.005
05/02/06	18-18.5	<0.001	<0.1	**1.7**	**0.0088**
05/02/06	19.5-20	<0.001	<1	**2.4**	**0.012**
05/02/06	23-23.5	<0.001	<0.1	<1.0	<0.005
05/02/06	24.5-25	<0.001	<0.1	<1.0	<0.005

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
05/27/05	5-5.5	<0.001	<4.97	<10	<0.002
05/27/05	16.5-17	<0.001	<5.05	<9.88	<0.002
05/27/05	25.5-26	<0.001	<4.98	<9.96	<0.002

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
05/03/06	9.5-10	<0.001	<0.1	<1.0	<0.005

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
05/02/06	5.5-6	<0.001	<0.1	**14**	<0.005
05/02/06	10-10.5	**0.58**	**76**	**98**	<0.051
05/02/06	15-15.5	**26**	**1,300**	**270**	<0.12
05/02/06	19.5-20	**20**	**2,700**	**250**	<2.5
05/02/06	23.5-24	**0.013**	**0.610**	**7.0**	<0.005

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
05/02/06	5-5.5	<0.001	<0.1	**3.1**	<0.005
05/02/06	15-15.5	<0.001	<0.1	**8.7**	<0.005
05/02/06	20-20.5	<0.001	**0.160**	**2.5**	<0.005
05/02/06	24.5-25	<0.001	**0.270**	**1.3**	<0.005

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
05/27/05	5-5.5	<0.001	<5.01	<9.92	<0.002
05/27/05	17.5-18	<0.001	<5.03	<10	<0.002
05/27/05	24.5-25	<0.001	<5.01	<10	<0.002

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
03/19/04	18	<0.05	**65**	**37**	<0.5

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
05/03/06	5-5.5	<0.001	<0.1	<1.0	<0.005
05/03/06	7.5-8	<0.001	**0.240**	<1.0	<0.005

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
05/03/06	5-5.5	<0.001	<0.1	<1.0	<0.005
05/03/06	7.5-8	<0.001	<0.1	<1.0	<0.005

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
05/27/05	5-5.5	<0.001	<5.02	<9.80	<0.002
05/27/05	18-18.5	<0.001	<5	<10	<0.002
05/27/05	19.5-20	<0.001	<4.96	<10	<0.002
05/27/05	24.5-25	**1.58**	**279**	<9.88	<0.002

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
05/03/06	5-5.5	<0.001	<0.1	<1.0	<0.005
05/03/06	10-10.5	<0.001	<0.1	<1.0	<0.005
05/03/06	15-15.5	<0.001	<0.1	<1.0	<0.005
05/03/06	19.5-20	<0.10	**29**	**14**	<0.005
05/03/06	24.5-25	<0.001	<0.1	<1.0	<0.005

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
03/19/04	5	<0.005	<1.0	<1.0	<0.05

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
05/27/05	5-5.5	<0.001	<4.99	<10.2	<0.002
05/27/05	18.5-19	<0.001	<4.95	<10	<0.002
05/27/05	24.5-25	**0.0082**	<4.98	<10	<0.002

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
05/26/05	5-5.5	<0.001	<4.97	<9.92	<0.002
05/26/05	17.5-18	**0.0010**	<4.96	<9.92	<0.002
05/26/05	21.5-22	**0.0307**	**11.2**	<10	<0.002
05/26/05	24.5-25	**0.0414**	**10.2**	<10	<0.002

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
05/02/06	5-5.5	<0.001	<0.1	**1.4**	<0.005
05/02/06	10-10.5	<0.001	**0.230**	**4.8**	<0.005
05/02/06	15-15.5	<0.001	<0.1	**1.2**	<0.005
05/02/06	20-20.5	<0.10	**19**	**5.8**	<0.005
05/02/06	24.5-25	<0.001	<0.1	**1.7**	<0.005

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
05/03/06	5-5.5	<0.001	<0.1	<1.0	<0.005
05/03/06	7.5-8	<0.001	<0.1	**1.0**	<0.005

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
05/26/05	5-5.5	<0.001	<5.02	<10.2	<0.002
05/26/05	18-18.5	<0.001	<5	<10	<0.002
05/26/05	22.5-23	<0.001	<4.96	<10	<0.002
05/26/05	24.5-25	<0.001	<5.02	<10.2	<0.002

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
05/26/05	5-5.5	<0.001	<4.98	<10.1	<0.002
05/26/05	17.5-18	<0.001	<4.97	<9.92	<0.002
05/26/05	24.5-25	<0.001	<4.99	**10.6**	<0.002

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
05/02/06	5.5-6	<0.001	<0.1	**18**	<0.005
05/02/06	10-10.5	<0.01	**38**	**260**	<0.12
05/02/06	15-15.5	**0.018**	**0.700**	**3.5**	<0.005
05/02/06	19.5-20	**3.2**	**320**	**18**	<1.2
05/02/06	24.5-25	<0.001	<0.1	**1.1**	<0.005

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
03/19/04	5	<0.005	<1.0	**2.1**	<0.05

Date	Depth (feet)	Benzene	TPH-g	TPH-d	MTBE
05/26/05	5-5.5	<0.001	<5.03	**10.2**	<0.002
05/26/05	19.5-20	<0.001	<5.03	<10.1	<0.002
05/26/05	21.5-22	<0.001	<4.96	<10	<0.002
05/26/05	24.5-25	<0.001	<4.98	<10	<0.002

106th AVENUE
COBBLED MOUND
SIGN
DRIVEWAY
SB21
SB13
SB12
V1
SB14
V2
PLANTER
SB16
V3
SB15
SB1
IRRIGATION CABINET
FORMER USTs
SB10
SB20
DRIVEWAY
FOOTHILL BOULEVARD
V4
SB2
V10
SB17
V5
FORMER DISPENSER ISLANDS
RESIDENCE
SB18
SB11
SB19
SB9
PLANTER
PLANTER
V6
SB3
V8
FENCE
V7
SB4
SB8
PLANTER
V9
SB7
SB5
SB6
DRIVEWAY
RAIL
IRRIGATION CABINET
SHOPPING CENTER DRIVEWAY

0 30
Scale (feet)

LEGEND

- ● Soil Boring (Installed by AEI 3/19/04)
- ◉ Direct Push Soil Boring (Installed by ETIC)
- ▲ Soil Vapor Probe
- TPH-g Total Petroleum Hydrocarbons as gasoline
- TPH-d Total Petroleum Hydrocarbons as diesel
- MTBE Methyl Tertiary Butyl Ether

Notes:
Samples collected from SB-1 through SB21 were analyzed for TPH-g, TPH-d, BTEX, and MTBE.
Samples collected from SB14 through SB21 were also analyzed for other Volatile Organic Compounds.
Concentrations in milligrams per kilogram (mg/kg).

Basemap Source: Morrow Surveying, 2006

FILENAME: analytical0706.DWG 05/31/06

ETIC ENGINEERING

SITE PLAN SHOWING SOIL ANALYTICAL RESULTS
FORMER EXXON RS 7-4121
10605 FOOTHILL BOULEVARD
OAKLAND, CALIFORNIA

FIGURE: 7

5/2/06 Depth(ft. bgs): 20	
Benzene	**1.89**
Toluene	<0.500
Ethylbenzene	**102**
Total Xylenes	**5.56**
TPH-g	**2,340**
TPH-d	**820**
MTBE	<0.500
VOCs	ND

5/2/06 Depth(ft. bgs): 20	
Benzene	**30.3**
Toluene	**0.820**
Ethylbenzene	**410**
Total Xylenes	**11.3**
TPH-g	**5,940**
TPH-d	**1,700**
MTBE	<0.500
VOCs	ND

5/27/05 Depth(ft. bgs): 20	
Benzene	<0.5
Toluene	<0.5
Ethylbenzene	**0.6**
Total Xylenes	<0.5
TPH-g	**447**
TPH-d	**121**
MTBE	**14.2**

5/2/06 Depth(ft. bgs): 22	
Benzene	<0.500
Toluene	<0.500
Ethylbenzene	<0.500
Total Xylenes	<0.500
TPH-g	**1,390**
TPH-d	**440**
MTBE	**83.3**
VOCs	ND

5/27/05 Depth(ft. bgs): 20	
Benzene	<0.5
Toluene	**0.5**
Ethylbenzene	**1.0**
Total Xylenes	<0.5
TPH-g	**1,060**
TPH-d	**305**
MTBE	**4.30**

3/19/04 Depth(ft. bgs): 13.3-16	
Benzene	**250**
Toluene	**22**
Ethylbenzene	**310**
Total Xylenes	**71**
TPH-g	**3,200**
TPH-d	**4,200**
MTBE	<17

5/27/05 Depth(ft. bgs): 20	
Benzene	<0.5
Toluene	<0.5
Ethylbenzene	<0.5
Total Xylenes	**0.7**
TPH-g	**54.5**
TPH-d	<50
MTBE	<0.5

5/2/06 Depth(ft. bgs): 20	
Benzene	**18.4**
Toluene	<0.500
Ethylbenzene	**42.6**
Total Xylenes	**4.16**
TPH-g	**831**
TPH-d	**440**
MTBE	<0.500
VOCs	ND

3/19/04 Depth(ft. bgs): 14-22	
Benzene	**17**
Toluene	**24**
Ethylbenzene	**68**
Total Xylenes	**21**
TPH-g	**7,000**
TPH-d	**26,000**
MTBE	<17

5/2/06 Depth(ft. bgs): 20	
Benzene	**3,240**
Toluene	**53.2**
Ethylbenzene	**3,670**
Total Xylenes	**4,170**
TPH-g	**41,800**
TPH-d	**4,300**
MTBE	<0.500
VOCs	ND

5/27/05 Depth(ft. bgs): 20	
Benzene	<0.5
Toluene	<0.5
Ethylbenzene	<0.5
Total Xylenes	<0.5
TPH-g	<50
TPH-d	<50
MTBE	<0.5

5/3/06 Depth(ft. bgs): 20	
Benzene	<25.0
Toluene	<25.0
Ethylbenzene	**159**
Total Xylenes	<25.0
TPH-g	**10,100**
TPH-d	**1,700**
MTBE	<25.0
VOCs	ND

5/26/05 Depth(ft. bgs): 18	
Benzene	**75.7**
Toluene	**0.5**
Ethylbenzene	**4.7**
Total Xylenes	**4.7**
TPH-g	**824**
TPH-d	**801**
MTBE	<0.5

5/27/05 Depth(ft. bgs): 20	
Benzene	<0.5
Toluene	<0.5
Ethylbenzene	**1.9**
Total Xylenes	**0.5**
TPH-g	**2,250**
TPH-d	**701**
MTBE	<0.5

5/2/06 Depth(ft. bgs): 20	
Benzene	**4.19**
Toluene	<0.500
Ethylbenzene	**5.78**
Total Xylenes	**6.29**
TPH-g	**3,100**
TPH-d	**720**
MTBE	<0.500
VOCs	ND

5/26/05 Depth(ft. bgs): 19	
Benzene	<0.5
Toluene	<0.5
Ethylbenzene	<0.5
Total Xylenes	<0.5
TPH-g	<50
TPH-d	**57**
MTBE	<0.5

5/26/05 Depth(ft. bgs): 20	
Benzene	<0.5
Toluene	<0.5
Ethylbenzene	<0.5
Total Xylenes	<0.5
TPH-g	<50
TPH-d	**341**
MTBE	<0.5

5/2/06 Depth(ft. bgs): 20	
Benzene	**2,140**
Toluene	**1,400**
Ethylbenzene	**4,690**
Total Xylenes	**11,100**
TPH-g	**60,800**
TPH-d	**7,500**
MTBE	<25.0
VOCs	ND

5/26/05 Depth(ft. bgs): 22	
Benzene	<0.5
Toluene	<0.5
Ethylbenzene	<0.5
Total Xylenes	<0.5
TPH-g	<50
TPH-d	<56
MTBE	<0.5

106th AVENUE
COBBLED MOUND
SIGN
DRIVEWAY
PLANTER
FORMER USTs
IRRIGATION CABINET
RESIDENCE
FORMER DISPENSER ISLANDS
FOOTHILL BOULEVARD
FENCE
RAIL
SHOPPING CENTER DRIVEWAY
SB1 SB2 SB3 SB4 SB5 SB6 SB7 SB8 SB9 SB10 SB11 SB12 SB13 SB14 SB15 SB16 SB17 SB18 SB19 SB20 SB21
V1 V2 V3 V4 V5 V6 V7 V8 V9 V10

0 30
Scale (feet)

LEGEND

- ● Soil Boring (Installed by AEI 3/19/04)
- ◉ Direct Push Soil Boring (Installed by ETIC)
- ▲ Soil Vapor Probe
- TPH-g Total Petroleum Hydrocarbons as gasoline
- TPH-d Total Petroleum Hydrocarbons as diesel
- MTBE Methyl Tertiary Butyl Ether
- VOCs Volatile Organic Compounds (other then MTBE)
- ND Not Detected

Notes:
Concentrations in Micrograms per Liter (ug/L)

Basemap Source: Morrow Surveying, 2006

FILENAME: analytical0706.DWG 05/31/07

ETIC ENGINEERING

SITE PLAN SHOWING GROUNDWATER ANALYTICAL RESULTS
FORMER EXXON RS 7-4121
10605 FOOTHILL BOULEVARD
OAKLAND, CALIFORNIA

FIGURE: **8**

Depth (feet bgs)	Date	Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	TPH-g	MTBE
5.5	05/01/06	**120**	**160**	**140**	<100	<100	**110,000**	<100

Depth (feet bgs)	Date	Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	TPH-g	MTBE
5.5	05/01/06	**200**	<100	<100	<100	<100	**790,000**	<100

Depth (feet bgs)	Date	Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	TPH-g	MTBE
8.0	05/01/06	**1,100**	**130**	**340**	**180**	<100	**6,600,000**	<100
10.0	05/01/06	**1,900**	<100	<100	<100	<100	**17,000,000**	<100

Depth (feet bgs)	Date	Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	TPH-g	MTBE
7.0	05/01/06	**170**	<100	**540**	**410**	<100	**880,000**	<100

Depth (feet bgs)	Date	Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	TPH-g	MTBE
7.5	05/01/06	**84**	**140**	<100	**110**	<100	**2,200**	<100
7.5 dup	05/01/06	<80	**110**	<100	<100	<100	**2,400**	<100

Depth (feet bgs)	Date	Benzene	Toluene	Ethyl-benzene	m,p-Xylene	o-Xylene	TPH-g	MTBE
7.5	05/01/06	<80	<100	<100	<100	<100	**360,000**	<100

106th AVENUE
COBBLED MOUND
SIGN
SB21
DRIVEWAY
SB13
SB12
V1
SB14
V2
PLANTER
SB16
V3
SB15
SB1
IRRIGATION CABINET
FORMER USTs
SB10
SB20
V4
SB2
V10
V5
SB17
RESIDENCE
SB18
SB11
SB19
FORMER DISPENSER ISLANDS
SB9
PLANTER
DRIVEWAY
FOOTHILL BOULEVARD
V6
SB3
V8
FENCE
V7
SB4
SB8
PLANTER
V9
SB5
SB7
SB6
DRIVEWAY
RAIL
IRRIGATION CABINET
SHOPPING CENTER DRIVEWAY

LEGEND

- ● Soil Boring (Installed by AEI 3/19/04)
- ◉ Direct Push Soil Boring (Installed by ETIC)
- ▲ Soil Vapor Probe
- TPH-g Total Petroleum Hydrocarbons as gasoline
- TPH-d Total Petroleum Hydrocarbons as diesel
- MTBE Methyl Tertiary Butyl Ether
- dup Duplicate

Notes:
Concentrations in Micrograms per cubic meter (ug/m3).

N
30
Scale (feet)

Basemap Source: Morrow Surveying, 2006

FILENAME: 2q2006.DWG 05/31/06

ETIC ENGINEERING

SITE PLAN SHOWING SOIL VAPOR ANALYTICAL RESULTS
FORMER EXXON RS 7-4121
10605 FOOTHILL BOULEVARD
OAKLAND, CALIFORNIA

FIGURE: 9

Appendix J

ORC Information

ORC®
OXYGEN RELEASE COMPOUND

OXYGEN RELEASE COMPOUND (ORC®)

ORC is a patented formulation of phosphate-intercalated magnesium peroxide that time releases oxygen when hydrated in accordance with the following reaction:

$$MgO_2 + H_2O \rightarrow \tfrac{1}{2}O_2 + Mg(OH)_2$$

How it Works

Oxygen is often the limiting factor for aerobic microbes capable of biologically degrading contaminants such as petroleum hydrocarbons. Without adequate oxygen, contaminant degradation will either cease or may proceed by much slower anaerobic (oxygen-free) processes. ORC is designed to release oxygen, into the subsurface, for up to one year depending on site conditions. In the presence of this long-lasting oxygen source, aerobic microbes flourish accelerating natural attenuation of gasoline and fuel additives (BTEX and MTBE), diesel, kerosene, jet fuel, gas condensates, fuel oils, lubricants, bunker oil, PAHs, certain metals (arsenic), certain pesticides/herbicides and certain industrial solvents (alcohols and ketones).

Critical Timed Release

ORC is intercalated with food-grade phosphate, this gives it the time-release properties that are critical in a passive, low-cost oxygen application system. The term "intercalation" is used here to describe the permeation of phosphates into the crystalline structure of magnesium peroxide (Figure 1.). This feature slows the reaction that yields oxygen thus facilitating the extended release. Phosphate intercalation also prevents a process known as "oxygen lock-up." When water reacts with an un-intercalated magnesium peroxide, a cement-like coating of magnesium hydroxide forms which prevents water from penetrating deeper into the crystal to release all of the available oxygen. ORC's phosphate intercalation keeps the crystal "open," preventing this problem and continuing the release of oxygen.

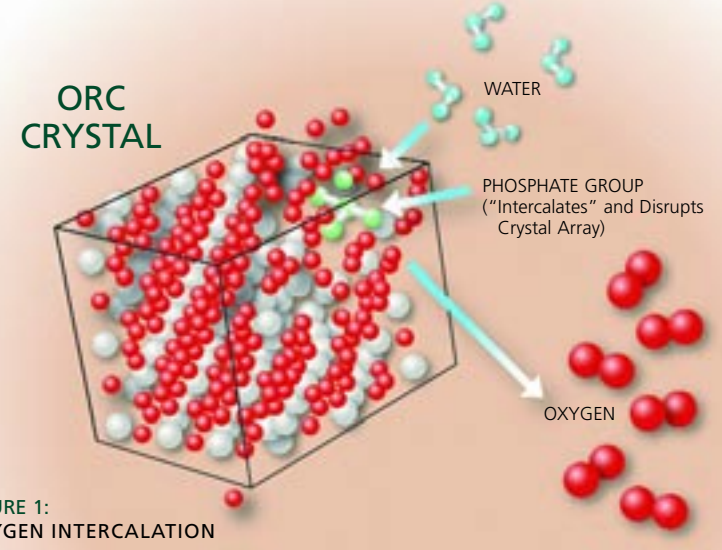

FIGURE 1:
OXYGEN INTERCALATION

Product Applications

ORC is typically applied in the subsurface via direct push injection, borehole backfill or filter socks. When using direct push and/or borehole backfill, ORC powder is mixed with water to form an injectable slurry. The slurry is then pumped into the groundwater where it disperses into the aquifer via diffusive and advective forces.

In filter sock form, ORC is placed into monitoring wells where the compound reacts when contacted with water. Upon exhaustion, which can take up to 1 year, filter socks can be removed and replaced to replenish the oxygen supply and continue treatment. Special canisters are available with filter socks to avoid lodging them in deeper wells (> 40 ft.).

Additionally ORC can be applied into excavated areas either in its native powder form or by broadcasting the slurry mixture. Excavation treatments take advantage of fluctuating groundwater levels and percolation from the surface to activate the oxygen releasing capabilities of ORC.

REGENESIS
Leaders in Accelerated Natural Attenuation

ORC a Cost-Effective Remediation Strategy

By accelerating natural attenuation using ORC, *in-situ* treatment of aquifer contamination can result in an efficient, simple, cost-effective alternative to traditional technologies. With low capital costs, no operations and maintenance, minimal site disturbance and proven effectiveness, this product can inexpensively restore water quality and property values at contaminated sites.

Treatment with ORC is typically:

- 1/4 to 1/2 the cost of air sparging with vapor containment
- Equal to or less than the cost of excavation, hauling and disposal of residual hydrocarbons from the floor of UST excavations
- Less than the long-term monitoring costs of unassisted natural attenuation sites
- 1/4 to 1/2 the cost of using a pump and treat system

Plume Wide Remediation*

The example below illustrates four different size groundwater plumes and four remediation scenarios, including the use of ORC. This comparison assumes a contaminant concentration of 4 ppm total BTEX.

Treatment	Smaller Site (50′ x 75′)		Larger Site (200′ x 200′)	
	Shallow Aquifer (20′ bgs)	Deeper Aquifer (50′ bgs)	Shallow Aquifer (20′ bgs)	Deeper Aquifer (50′ bgs)
ORC Treatment	**$58,000**	**$61,000**	**$365,000**	**$380,000**
Pump and Treat	$610,000	$660,000	$1,078,000	$1,200,000
Air Sparging w/SVE	$334,000	$359,000	$619,000	$687,000
Chemical Oxidation	$271,000	$295,000	$1,460,000	$1,600,000

** Comparison costs were generated by an independent environmental consulting firm and include costs through project completion, e.g. sampling, monitoring, reporting, etc. All costs are reported in today's dollars.*

Plume Cut-Off / Barrier Remediation*

The example below illustrates four different size groundwater plumes and four typical, cut-off barrier remediation scenarios, including the use of ORC. This comparison assumes a contaminant concentration of 4 ppm total BTEX.

Treatment	Smaller Site (50′ x 75′)		Larger Site (200′ x 200′)	
	Shallow Aquifer (20′ bgs)	Deeper Aquifer (50′ bgs)	Shallow Aquifer (20′ bgs)	Deeper Aquifer (50′ bgs)
ORC Treatment	**$76,000**	**$82,000**	**$216,000**	**$240,000**
Pump and Treat	$588,000	$636,000	$909,000	$1,009,000
Air Sparging w/SVE	$491,000	$497,000	$832,000	$866,000
Chemical Oxidation	$280,000	$299,000	$1,516,000	$1,630,000

** Comparison costs were generated by an independent environmental consulting firm and include costs through project completion, e.g. sampling, monitoring, reporting, etc. All costs are reported in today's dollars.*

1011 Calle Sombra / San Clemente / California 92673-6244 / Tel: 949/366-8000 / Fax: 949/366-8090 / www.regenesis.com

REGENESIS

Oxygen Release Compound (ORC®) Installation Instructions

(Excavation Applications)

SAFETY:

Pure ORC is shipped to you as a fine powder, which is rated at -325 mesh (passes through a 44 micron screen). It is considered to be a mild oxidizer and as such should be handled with care while in the field. Field personnel should take precautions while applying the pure ORC. Typically, the operator should work up wind of the product as well as use appropriate safety equipment. These would include eye, respiratory protection and gloves as deemed appropriate by exposure duration and field conditions.

Although two options are discussed, application of ORC should never be applied by personnel within the tank excavation, unless proper shoring or sidewall cutback is in place.

GENERAL GUIDELINES:

ORC can be applied in a dry powder form or as a slurry. Field conditions dictate which form of ORC can be used most effectively.

Installation of ORC should be within the tank excavation floor and/or in an adequate backfill section thickness to account for the anticipated groundwater "smear zone".

Maximum treatment effect is obtained when ORC is mixed as thoroughly as possible within the backfill material. The more dispersed the ORC slurry/powder within the excavation backfill, the more effective the treatment.

The quantity of ORC to be used is generally calculated prior to moving into the field for installation. Generally it is applied at a rate of between 0.1% and 1.0% by weight of the soil matrix. The following illustrates a dilute application rate calculation:

> Use a weight/weight percent of ORC/backfill material to ensure distribution of the ORC into the desired aquifer section. For example: a 0.15% weight of ORC to weight of backfill for the standard ORC weight (30 pounds) per container calculates as follows: 30 lb. ORC/0.15% = 20,000 lbs. of soil matrix. Thus, to achieve a 0.15% mixture of ORC in the backfill material, 30 lb. of pure ORC should be mixed into 10 tons (20,000 lbs. ÷2,000 lbs./ton) of backfill, or approximately 7 - 10 cubic yards of soil depending on field conditions. Professional judgment should be used to select the appropriate soil mass per cubic yard for designing each site treatment.

CHOOSING THE FORM OF INSTALLATION:

Pure ORC is shipped to you in a powder form. Weather conditions (especially wind) may have a direct effect on the application of ORC as a tank backfill amendment.

Application of the dry powder may be difficult in windy conditions. To counter the effects of wind (and the subsequent potential loss of ORC), Regenesis recommends that a water source or a spray tank be on-site to wet down the ORC and the backfill material as ORC is applied.

Application of ORC in a slurry format is a very effective method and eliminates the wind issue.

Four somewhat different installation conditions can be encountered in the field:

- ORC in a pea gravel back-fill. ("Type 1")
- ORC in a soil back-fill. ("Type 2")
- ORC mixed in native soil in the bottom of a tank pit. ("Type 3")
- ORC installed in soil under standing water in the bottom of a tank pit. ("Type 4")

A single tank pit excavation can include more than one of these conditions, depending on the site and extent of treatment. Instructions for each condition are discussed separately in the following sections. After the installation instructions are detailed instructions for mixing the slurry, if that is the option chosen.

INSTALLATION INSTRUCTIONS:

"Type 1," ORC in a Pea Gravel Back-fill

The easiest method for installing ORC in pea gravel back-fill is to mix the ORC in the material in a backhoe or skiploader bucket before placing it in the excavation.

- **Dry Powder method**

Into each scoop of back-fill material add the appropriate portion of ORC being installed. Generally, it is advisable to moisten the material in the bucket to reduce wind blown ORC loss. Excessive winds make this method not feasible.

After mixing the dry powder in the bucket, it is dumped into the bottom of the excavation. The backhoe bucket can be used for further mixing in the excavation.

- **Slurry method**

Mix a 63% solids slurry of ORC and water (see "Steps to make ORC slurry). This relatively thick slurry is used to help keep the ORC dispersed through the pea gravel, even when it contacts water in the bottom of the excavation during installation. It is generally desirable to avoid having the ORC run down through the pea gravel and collect in the bottom of the excavation. The thick slurry addresses this issue.

In each scoop of back-fill material, add the appropriate amount of ORC slurry. Pre-mix the materials in the backhoe bucket After mixing, dump the slurry and back-fill into the bottom of the excavation. The backhoe bucket can be used for further mixing in the

excavation.

If the slurry method is being used, observe the physical behavior of the ORC in the fill material. If the ORC collects at the bottom of the back-fill material, increase the percent solids content by reducing the amount of water being used to make the slurry.

"Type 2," ORC in a Soil Back-fill

Follow the instructions for the pea gravel back-fill method, except:

If the slurry method is being used, the solids content should be reduced. Typically a 50% solids is appropriate, although soil conditions sometimes dictate lower solids contents (see "Steps to make ORC slurry").

" Type 3," ORC Mixed in Native Soil in the Bottom of the Tank Pit

When ORC is added to the bottom of a tank pit it may be done by backhoe or injection.
CAUTION: Personnel should never work within the tank excavation, unless proper shoring or sidewall cutback is in place.

- **Backhoe method**

A skilled backhoe operator can distribute the ORC around the bottom of the tank excavation and, using the bucket, mix it thoroughly. If there are no winds, it may be possible to:

1. Put the dry ORC powder in the backhoe bucket,
2. Lower it to the bottom of the pit,
3. Gently deposit the ORC evenly on the remaining soil,
4. Use the bucket to mix the powder into the soil,
5. To mitigate dusting, if necessary, spray water into the excavation during the process.

An alternative backhoe method is to use a 50% (or less) solids ORC slurry (see "Steps to make ORC slurry) in place of the dry powder. This eliminates the dusting problem, and in some cases enhances the even distribution of ORC into the soil. Observe the slurry mixing behavior in the bottom of the excavation, and adjust the water content of the slurry to optimize mixing, if necessary.

- **Injection method**

If available, a pump and root feeder may be used to inject an ORC slurry into the excavation floor. This may require a more dilute slurry mix, and care should be taken to assure that the solids do not settle out of the slurry prior to injection.

" Type 4." ORC installed in standing water in the bottom of a tank pit

Application of ORC into tank excavations with standing water requires the operator apply ORC in a slurry form. ORC powder application in this scenario is not advised because a portion of the ORC particle fraction is not likely to pass through the surface tension of the standing water. Caution: Personnel should never work within the tank excavation, unless proper shoring or sidewall cutback is in place.

- **Backhoe method**

A skilled backhoe operator can distribute the ORC slurry within the excavation, and mix it into the soil underlying the standing water with the bucket. Steps for installation:

1. Mix a high solids content ORC slurry (63% solids). See ("Steps to make ORC slurry").
2. Pour slurry into the backhoe bucket.
3. Lower the bucket to the standing water level in the excavation, and deposit the slurry as evenly as possible across the excavation floor. The dense slurry (63%solids is 1.6 grams per ml) will tend to make the majority of the slurry sink quickly to the bottom of the water layer.
4. Use the bucket to mix the slurry into the soil.
5. Water in the vicinity of the ORC slurry will often turn white and milky, since some of the ORC is dispersed within the standing water. This provides additional dispersion within the standing water and back-fill material as it is added to the excavation.

- **Injection method**

If available, a pump and root feeder may be used to inject an ORC slurry into the soil in an excavation. This may require a more dilute slurry mix, and care should be taken to assure that the solids do not settle out of the slurry prior to injection.

MIXING ORC SLURRY:

ORC powder is shipped to you in pre-measured batches. Each batch is contained in a plastic bag which is shipped in a 5-gallon bucket.

Remove the pre-measured ORC bag from the 5-gallon bucket and open
Measure and pour the appropriate amount of water from the following table into the 5 gallon bucket

Slurry Solids Content (%)	Pounds of ORC	Gallons of Water
63%	30 lbs.	2.1 gal. (2 gal. + 2 cups)
50%	30 lbs.	3.6 gal. (3 gal + 2 1/2 qts.)

Add the entire ORC pre-measured bag to the water (30 pounds). If the slurry solids contents of less than 50% are desired, the quantity of ORC per batch mixed in the bucket must be reduced. For example, a bucket containing four gallons of water would require 22.4 pounds of ORC to make a 40% solids slurry, and 16.6 pounds of ORC to make a 33% slurry.

Use an appropriate mixing device to thoroughly mix ORC and water. Regenesis

recommends use of a 0.5 Horsepower (minimum) hand held drill with a “jiffy mixer” or stucco mixer. A common paint paddle can be used to scrape the bottom and sides of the container to ensure thorough mixing. Standard environmental slurry mixers may also be used.

After mixing, small amounts of water can be added to adjust the consistency of the slurry.

When slurries are used, the early batches should be observed in the process of mixing with the soil. Each site can vary, due to soil type and moisture content. Based on professional judgment, additional water can be added to subsequent slurry batches.

ORC slurry should be used ASAP; if the ORC slurry has been standing more than 15 minutes, it should be remixed immediately before using. Do not let stand more than 30 minutes without stirring. Otherwise, the slurry will begin to harden into a weak cement.

For direct assistance or answers to any questions you may have regarding these instructions, contact Regenesis Technical Services at 949-366-8000.

Oxygen Release Compound (ORC®)
MATERIAL SAFETY DATA SHEET (MSDS)

Last Revised: **October 18, 2005**

Section 1 - Material Identification

Supplier:

REGENESIS
1011 Calle Sombra
San Clemente, CA 92673
Phone: **949.366.8000**
Fax: **949.366.8090**
E-mail: **info@regenesis.com**

Chemical Description:	**A mixture of Magnesium Peroxide (MgO_2), Magnesium Oxide (MgO), and Magnesium Hydroxide [$Mg(OH)_2$]**
Chemical Family:	**Inorganic Chemical**
Trade Name:	**Oxygen Release Compound (ORC®)**
Product Use:	**Used to remediate contaminated soil and groundwater (environmental applications)**

Section 2 – Chemical Identification

CAS#	Chemical
14452-57-4	**Magnesium Peroxide (MgO_2)**
1309-48-4	**Magnesium Oxide (MgO)**
1309-42-8	**Magnesium Hydroxide [$Mg(OH)_2$]**
7758-11-4	**Dipotassium Phosphate ($H_2K_2O_4P$)**
7778-77-0	**Monopotassium Phosphate (H_2KO_4P)**

Assay:	**25-35% Magnesium Peroxide (MgO_2)**

Section 3 - Physical Data

Melting Point:	**Not Determined (ND)**
Boiling Point:	**ND**
Flash Point:	**Not Applicable (NA)**
Self-Ignition Temperature:	**NA**
Thermal Decomposition:	**Spontaneous Combustion possible at ˜ 150°C**
Density:	**0.6 – 0.8 g/cc**
Solubility:	**Reacts with Water**
pH:	**Approximately 10 in saturated solution**
Appearance:	**White Powder**
Odor:	**None**
Vapor Pressure:	**None**
Hazardous Decomposition Products:	**Not Known**
Hazardous Reactions:	**Hazardous Polymerization will not occur**
Further Information:	**Non-combustible, but will support combustion**

Section 4 – Reactivity Data

Stability:	**Product is stable unless heated above 150 °C. Magnesium Peroxide reacts with water to slowly release oxygen. Reaction by product is Magnesium Hydroxide**
Conditions to Avoid:	**Heat above 150 °C. Open Flames.**
Incompatibility:	**Strong Acids. Strong Chemical Agents.**

Hazardous Polymerization:	**None known.**

Section 5 - Regulations

Permissible Exposure Limits in Air	**Not Established. Should be treated as a nuisance dust.**

Section 6 – Protective Measures, Storage and Handling

Technical Protective Measures

Storage:	**Keep in tightly closed container. Keep away from combustible material.**
Handling:	**Use only in well ventilated areas.**

Personal Protective Equipment (PPE)

Respiratory Protection:	**Recommended (HEPA Filters)**
Hand Protection:	**Wear suitable gloves.**
Eye Protection:	**Use chemical safety goggles.**
Other:	**NA**
Industrial Hygiene:	**Avoid contact with skin and eyes**
Protection Against Fire & Explosion:	**NA**
Disposal:	**Dispose via sanitary landfill per state/local authority**
Further Information:	**Not flammable, but may intensify a fire**
After Spillage/Leakage/Gas Leakage:	**Collect in suitable containers. Wash remainder with copious quantities of water.**
Extinguishing Media:	**NA**
Suitable:	**Carbon Dioxide, dry chemicals, foam**

Further Information:	**Self contained breathing apparatus or approved gas mask should be worn due to small particle size. Use extinguishing media appropriate for surrounding fire.**
First Aid:	**After contact with skin, wash immediately with plenty of water and soap. In case of contact with eyes, rinse immediately with plenty of water and seek medical attention.**

Section 7 – Information on Toxicology

Toxicity Data:	**Not Available**

Section 8 – Information on Ecology

Water Pollution Hazard Raging (WGK):	**0**

Section 9 – Further Information

After the reaction of magnesium peroxide with water to form oxygen, the resulting material, magnesium hydroxide, is mildly basic. The amounts of magnesium oxide (magnesia) and magnesium hydroxide in the initial product have an effect similar to lime, but with lower alkalinity.

The information contained in this document is the best available to the supplier at the time of writing, but is provided without warranty of any kind. Some possible hazards have been determined by analogy to similar classes of material. The items in this document are subject to change and clarification as more information become available.