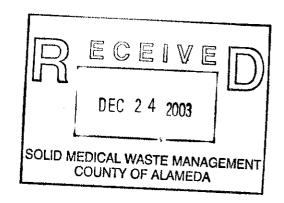
Ms. Karen Streich Chevron Products Company P.O. Box 6004 San Ramon, CA 94583

Re: Baseline Investigation Report

Chevron Station #9-3283 3005 Grove Way Castro Valley, California Cambria Project No. 41D-2024





Dear Ms. Streich:

On behalf of Chevron Products Company (Chevron), Cambria Environmental Technology, Inc. (Cambria) submits the results of a baseline investigation at the site referenced above, including a comprehensive site summary. Cambria advanced six borings to characterize subsurface conditions prior to divestment of the property. The scope of work was outlined in Cambria's Baseline Investigation Workplan, dated October 24, 2003. Presented below are site description details and investigation results.

SITE DESCRIPTION

The site is located at the southeast corner of the Grove Way and Center Street intersection in a commercial and residential area of Castro Valley, California (Figure 1). The site elevation is approximately 210 feet (ft) above mean sea level and the topography slopes gently to the south and southeast. The nearest surface water is San Lorenzo Creek, which is located approximately 900 feet southeast of the site. Chevron owns the property and has operated a service station there since 1969. Incomplete Chevron records have not defined the age or whether the underground storage tanks (USTs) in use at the site are double- or single-walled fiberglass.

Cambria Environmental Technology, Inc.

5900 Hollis Street Suite A Emeryville, CA 94608 Tel (510) 420-0700 Fax (510) 420-9170 The site is located within the Castro Valley groundwater basin in a valley between ridges of the Diablo Range. Regionally, the unconfined water-bearing zone lies within unconsolidated alluvial sediments and exhibits a generally southwestward flow direction toward San Francisco Bay. These water-bearing sediments overlie the sedimentary Chico Formation, considered a non-water-bearing formation based on its historically poor groundwater yields.

Current site features consist of a station building, three fiberglass USTs and associated piping and two dispenser islands beneath a common canopy. The former used-oil UST was located to the east of the current station building.

SITE BACKGROUND



1990 Product Line Replacement: Written correspondence between Chevron and the property owner indicated that the product lines were removed and replaced in August 1990. The letter indicates that some hydrocarbon impacts were noted beneath one of the product lines. This soil was removed and disposed of offsite, with laboratory analytic results indicating that the majority of impacted soil had been removed and residual concentrations were below regulatory action levels. These activities were documented in a report from Blaine Tech Services, dated January 15, 1991. However, no copy of that report has been located in Chevron's files.

January 1991 Hoist Removal and Replacement: The same correspondence referenced above indicates that the hydraulic hoists were replaced in January 1991. Approximately four yards of impacted soil was removed at that time. This information was summarized in a report by Groundwater Technology Inc, dated February 13, 1991. Again, no copy of this report was located in Chevron's files.

1996 Used-Oil UST, Hydraulic Hoist and O/W Separator Removal: In April 1996, a 1,000 gallon used-oil UST, three hoists and a concrete oil/water (O/W) separator were removed from the site. A soil sample was collected beneath each hoist, beneath the O/W separator and two samples from beneath the used-oil UST. Analytic results of the two samples collected beneath the UST showed maximum hydrocarbon concentrations of 1.6 parts-per-million (ppm) total petroleum hydrocarbons as diesel (TPHd). No other hydrocarbons were detected beneath the UST. The soil sample collected beneath the center hoist contained 400 ppm TPH-hydraulic oil. As hydraulic oil is not a regulated compound, no additional excavation of this was conducted. The soil sample collected beneath the O/W separator contained 2,100 ppm total petroleum hydrocarbons as gasoline (TPHg), 3,200 ppm TPHd and 2,700 ppm total recoverable petroleum hydrocarbons (TRPH) (defined as oil and grease). These concentrations warranted overexcavation of impacted soil. On April 19 and 24, 1996, the area beneath the O/W separator was excavated and five confirmation samples were collected. Analysis of these samples showed maximum residual concentrations of 34 ppm TPHd and 290 ppm TRPH at 7 feet below grade (fbg) and ND at 9 fbg. A total of approximately 80 cubic yards of pea gravel and excavated soil were transported and disposed of offsite. An August 1996 letter from Alameda Health Care Services Agency stated that, "the 1,000-gallon used-oil tank was closed in compliance with Title 23 of the California Code of Regulations."

INVESTIGATION RESULTS

Per our approved workplan, Cambria advanced borings B1 through B6 to depths of between 30.5 and 55 fbg at the locations shown on Figure 2. The investigation findings are presented below. The boring logs are presented as Attachment A. The laboratory analytic report for soil and groundwater is presented as Attachment B. A copy of the Alameda County Public Works Agency (ACPWA) drilling permit is presented as Attachment C.

Borings Installation

Personnel Present:

Cambria Staff Scientist Melissa Terry conducted fieldwork under the

direction of California Registered Geologist Robert Foss R.G., #7445.

Permits:

ACPWA permit #W03-1016.

Drilling Company:

Woodward Drilling of Rio Vista, California, C57 No. 710079.

Drilling Dates:

November 19, 20, and 21, 2003.

Drilling Method:

Drill rig equipped with a hollow stem auger.

Sampling Technique:

The borings were vacuum cleared to eight fbg per Chevron safety protocol. Soil samples for analysis were collected using stainless steel tubes driven into undisturbed sediments. Grab groundwater samples were collected using clean, plastic, disposable bailers. All samples were properly sealed, logged on a chain-of-custody form, preserved on ice, and released to the laboratory

for analysis.

Soil Disposal:

Soil cuttings generated during this investigation were stockpiled in the northeast corner of the site, covered with plastic and sampled for disposal profiling. Integrated Waste Management of Milpitas, California transported the soil cuttings to an appropriate Chevron-approved landfill for disposal.

Site Lithology:

The site is primarily underlain by silt and clayey silt, with lesser amounts of sand and gravel. Groundwater occurs primarily within dense clayey silt with interbedded sand and gravelly silt. A very hard layer of dry, yellow clayey silt was encountered in all borings at depths ranging between 36 fbg and 41 fbg across the site. This is interpreted as siltstone bedrock beneath the site.

Groundwater Depth: During this investigation, groundwater was encountered at depths ranging

from 35 to 40 fbg.

Laboratory Analyses: Selected soil and grab groundwater samples were analyzed for:

 Total Petroleum Hydrocarbons as gasoline (TPHg) by EPA Method 8015M;

• Benzene, toluene, ethylbenzene and xylene (BTEX) and methyl tert butyl ether (MTBE) by EPA Method 8260B.



SOIL ANALYTIC RESULTS

No TPHg, BTEX, or MTBE were detected in any of the soil samples analyzed.

GROUNDWATER ANALYTIC RESULTS

No TPHg or xylenes were detected in any of the groundwater samples analyzed. Low concentrations of benzene were detected in groundwater samples collected from B1 (1.0 μ g/l) and B2 (3.0 μ g/l). MTBE was detected in the groundwater sample collected from B1 (9.0 μ g/l) and B2 (13.0 μ g/l). No hydrocarbons were detected in groundwater samples collected from B3, B4 or B5.

CONCLUSION

No TPHg, BTEX and MTBE were detected in any soil samples collected during this investigation. Groundwater samples from borings adjacent to the USTs contained only minor concentrations of BTEX and MTBE. The very low concentrations of analytes observed in groundwater in B1 and B2 do not indicate a recent release of petroleum hydrocarbons. The slight concentrations of hydrocarbon constituents detected during this investigation may be a result of minor releases having occurred during normal operations over the history of the site.

CLOSING

Based on the results of this baseline investigation, it appears that no significant impact to soil or groundwater has occurred at this site. The concentrations of analytes detected in groundwater from B1 and B2 are very slight and do not require further investigation or remediation.

Cambria appreciates the opportunity to provide environmental services for you on this project. Please contact Robert Foss at (510) 420-3348 if you have any questions or comments.

Sincerely,

Cambria Environmental Technology, Inc.

9

Melissa Terry Staff Scientist

Figures:

Robert Fors

Robert Foss, R.G. #7445 Senior Project Geologist

2 - Site Plan

Table: 1 - Analytic Results for Soil Samples

1 - Vicinity Map

2 - Analytic Results for Groundwater Samples

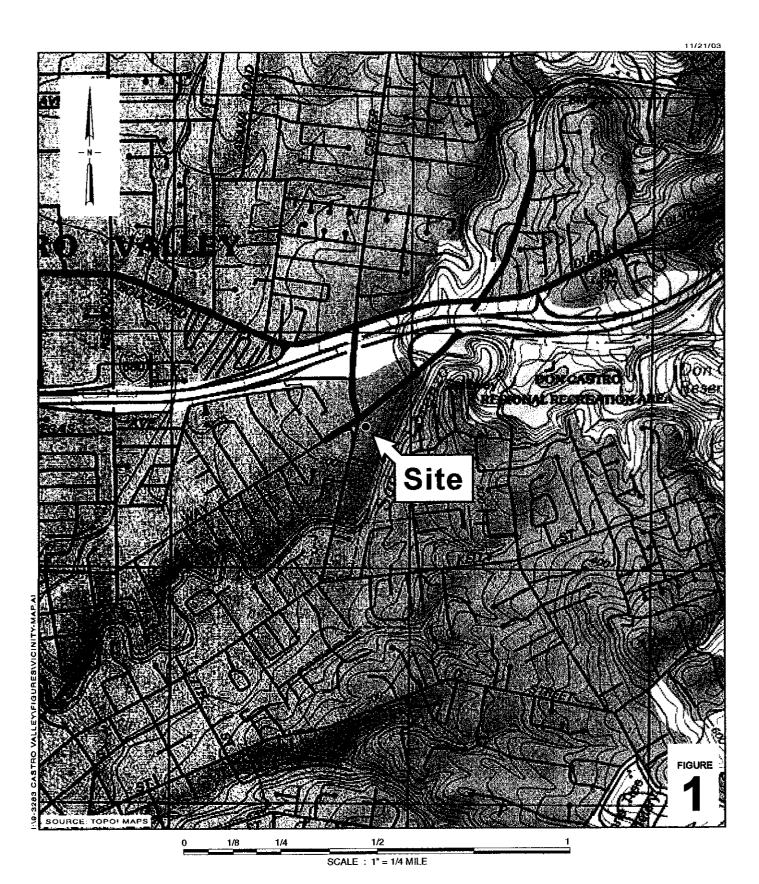
Attachments: A - Boring Logs

B - Laboratory Analytic Reports

C - Alameda County Public Works Agency Drilling Permit

cc: Ms. Eva Chu, Alameda County Health Care Services, Dept of Environmental Health, 1131 Harbor Bay Parkway, Suite 250, Alameda CA, 94502-6577

I:\9-3283 Castro Valley\Baseline Investigation Report.doc



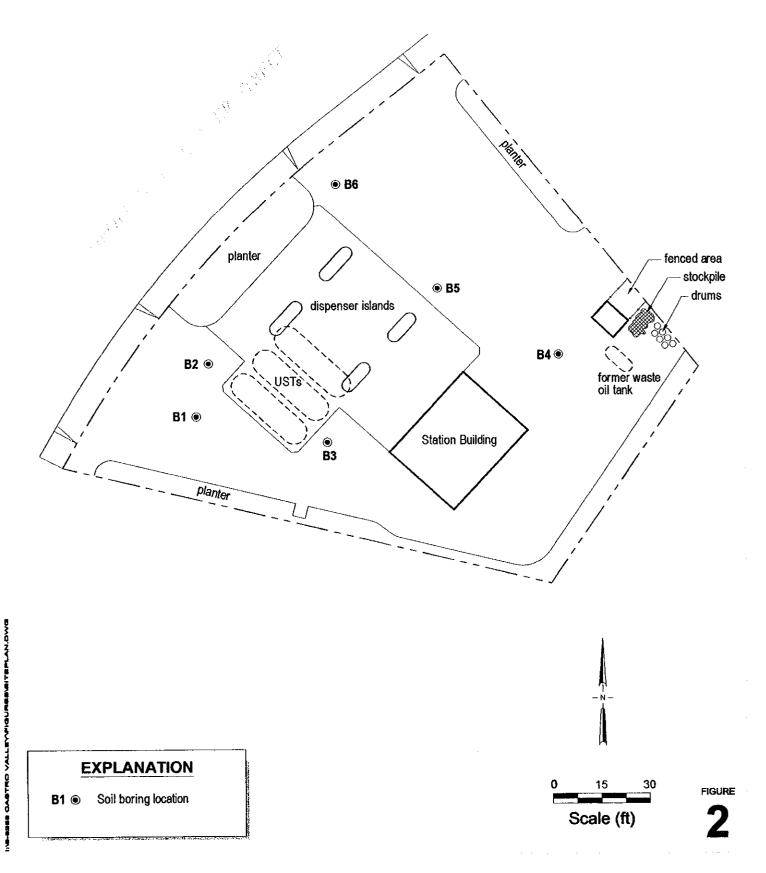
Chevron Service Station 9-3283



Vicinity Map

3005 Grove Way
Castro Valley, California

CAMBRIA



Chevron Service Station 9-3283

3005 Grove Way
Castro Valley, California



Site Plan

CAMBRIA

Table 1. Analytic Results for Soil Samples - Chevron Station 9-3283, 3005 Grove Way, Castro Valley, CA

Sample	Sample	Sample	TPHg	В	T	E	X	MTBE	
ID	Depth (ft)	Date	Co	ncentrations report	ed in milligrams	per kilogram - mg/	kg = parts per mil	lion	
BI	16	11/19/2003	<1.0	< 0.001	<0.001	< 0.001	<0.001	<0.001	
ВІ	20.5	11/19/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
BI	30.5	11/19/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
Bi	50	11/19/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
B2	15.5	11/20/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
B2	20.5	11/20/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
B2	31	11/20/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
B2	41	11/20/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
B2	46	11/20/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
B3	15.5	11/20/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
B3	21	11/20/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
B3	30.5	11/20/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
B3	36	11/20/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
B4	10.5	11/20/2003	<10.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
B4	16	11/20/2003	<1.0	< 0.001	< 0.001	< 0.001	100.0>	< 0.001	
B4	20.5	11/20/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
B4	30.5	11/20/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
B5	11	11/21/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
B5	21	11/21/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
B5	26	11/21/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
B5	30.5	11/21/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
B6	11	11/21/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
B6	21	11/21/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	
B6	31	11/21/2003	<1.0	< 0.001	< 0.001	< 0.001	< 0.001	< 0.001	

Abbreviations/Notes:

Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M Benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method 8260B Methyl tertiary butyl ether (MTBE) by EPA Method 8260B <x = Not detected above method detection limit

Table 2. Analytic Results for Groundwater Samples - Chevron Station 9-3283, 3005 Grove Way, Castro Valley, CA

Sample	Sample	TPHg	В	Τ	E	X	MTBE
ID	Date		Concentrations	reported in microgra	ims per liter - μg/l = 1	parts per billion	
B1 @ 45'	I 1/20/2003	<50	1	<0.5	<0.5	<0.5	9
B2 @ 45'	11/20/2003	<50	3	2	< 0.5	0.8	13
B3 @ 55'	11/20/2003	<50	< 0.5	<0.5	< 0.5	< 0.5	<0.5
B4 @ 36'	11/20/2003	<50	<0.5	< 0.5	< 0.5	< 0.5	<0.5
B5 @ 31'	11/20/2003	<50	< 0.5	<0.5	< 0.5	< 0.5	<0.5

Abbreviations/Notes:

Total petroleum hydrocarbons as gasoline (TPHg) by EPA Method 8015M

Benzene, toluene, ethylbenzene and xylenes (BTEX) by EPA Method 8260B

Methyl tertiary butyl ether (MTBE) by EPA Method 8260B

<x = Not detected above method detection limit

ATTACHMENT A

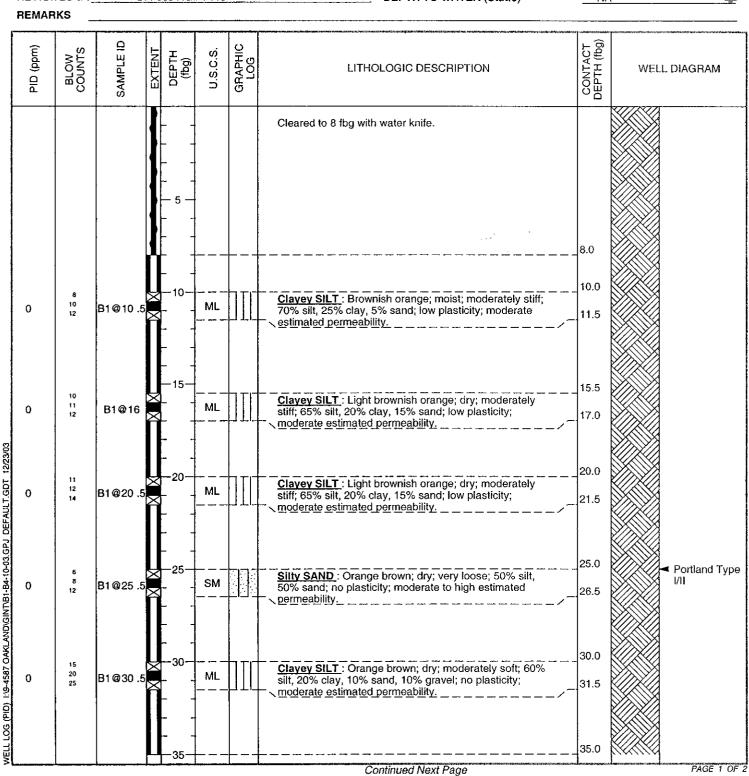
Boring Logs





Cambria Environmental Technology, Inc. 5900 Hollis Street, Suite A Emeryville, CA 94608 Telephone: (510) 420-0700 Fax: (510) 420-9170

CLIENT NAME	Chevron Products Company	BORING/WELL NAME B1
JOB/SITE NAME	9-3283	DRILLING STARTED 19-Nov-03
LOCATION	3005 Grove Way, Castro Valley	DRILLING COMPLETED 19-Nov-03
PROJECT NUMBER_	41D-2024	WELL DEVELOPMENT DATE (YIELD) NA
DRILLER	Woodward Drilling Co.	GROUND SURFACE ELEVATION Not Surveyed
DRILLING METHOD_	Hollow-stem auger	TOP OF CASING ELEVATION Not Surveyed
BORING DIAMETER_	8.25"	SCREENED INTERVAL NA
LOGGED BY	M. Terry	DEPTH TO WATER (First Encountered) 45.0 fbg (20-Nov-03)
REVIEWED BY	B. Foss RG# 7445	DEPTH TO WATER (Static) NA





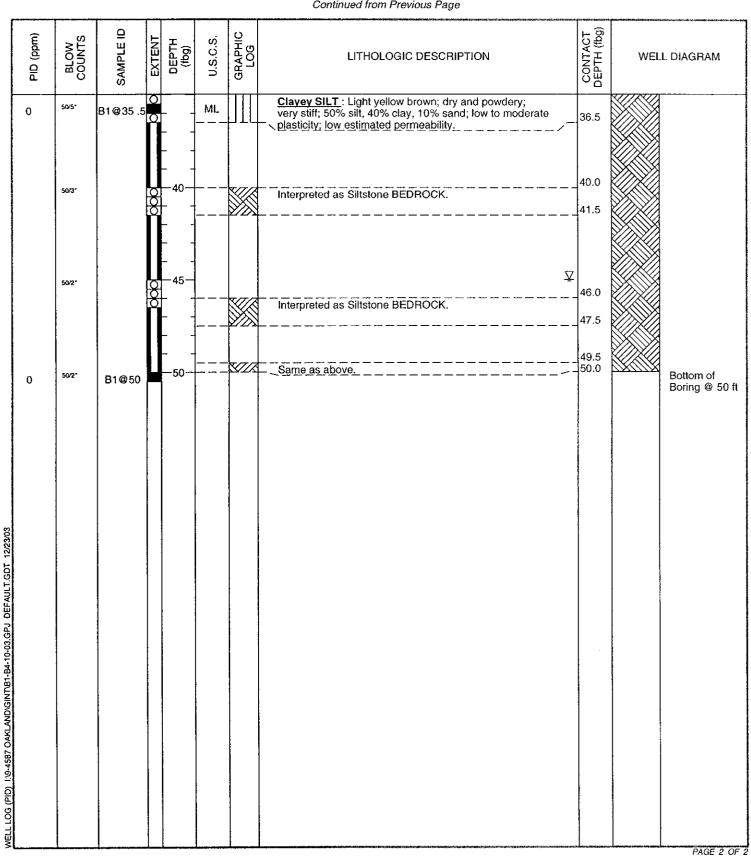
Cambria Environmental Technology, Inc. 5900 Hollis Street, Suite A Emeryville, CA 94608

BORING/WELL LOG

Telephone: (510) 420-0700 Fax: (510) 420-9170

Chevron Products Company BORING/WELL NAME **CLIENT NAME** 9-3283 JOB/SITE NAME DRILLING STARTED 19-Nov-03 DRILLING COMPLETED 19-Nov-03 LOCATION 3005 Grove Way, Castro Valley

Continued from Previous Page





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Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME Chevron Products Company JOB/SITE NAME 9-3283 3005 Grove Way, Castro Valley LOCATION PROJECT NUMBER 41D-2024 DRILLER Woodward Drilling Co. DRILLING METHOD Hollow-stem auger 8.25" BORING DIAMETER LOGGED BY M. Terry **REVIEWED BY** B. Foss RG# 7445 **DEPTH TO WATER (Static)**

BORING/WELL NAME B2

DRILLING STARTED 20-Nov-03

DRILLING COMPLETED 20-Nov-03

WELL DEVELOPMENT DATE (YIELD) NA

GROUND SURFACE ELEVATION Not Surveyed

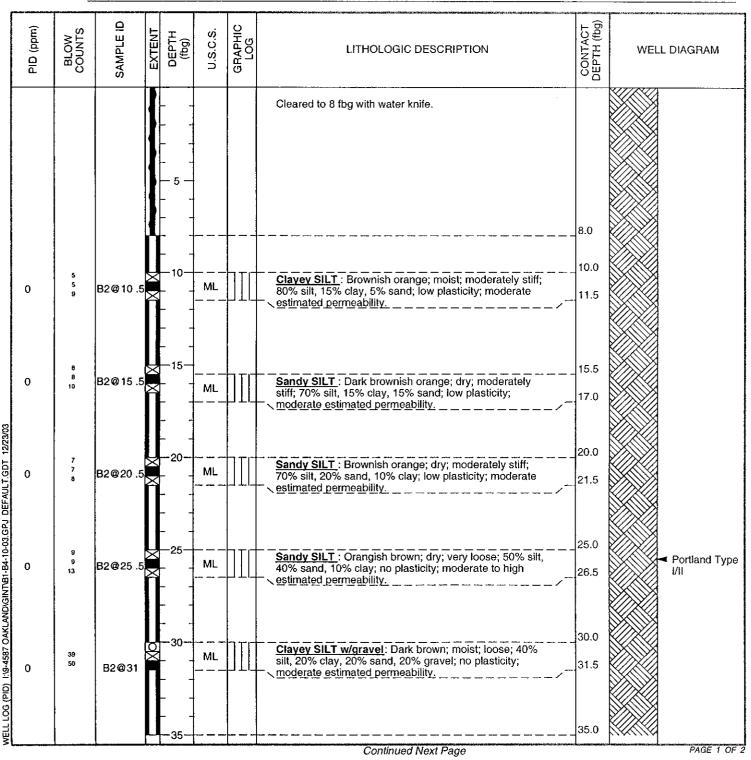
TOP OF CASING ELEVATION Not Surveyed

SCREENED INTERVAL NA

DEPTH TO WATER (First Encountered) 45.0 fbg (20-Nov-03)

NA

REMARKS





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BORING/WELL LOG

PAGE 2 OF 2

CLIENT NAME	Chevron Products Company	BORING/WELL NAME	B2
JOB/SITE NAME	9-3283	DRILLING STARTED	20-Nov-03
LOCATION	3005 Grove Way, Castro Valley	DRILLING COMPLETED	20-Nov-03

Continued from Previous Page CONTACT DEPTH (fbg) SAMPLE ID PID (ppm) BLOW GRAPHIC LOG U.S.C.S. DEPTH (fbg) EXTENT LITHOLOGIC DESCRIPTION WELL DIAGRAM Clayey SILT: Lt. Yellow brown; dry; very stiff; 60% silt, 25% clay, 10% gravel, 5% sand; low plasticity; moderate 50 36.5 0 B2@36 estimated permeability. 40.0 Clayey SILT: Light yellow brown; dry and powdery; very stiff; 40% silt, 40% clay, 10% sand, 10% gravel; low to moderate plasticity; moderate estimated permeability. ML 50 41.5 0 B2@41 ∇ 46.0 50 B2@46 0 Interpreted as Siltstone BEDROCK. 47.5 50.0 Interpreted as Siltstone BEDROCK. 51.0 50 B2@51 Bottom of Boring @ 51 ft WELL LOG (PID) 1:9-4587 OAKLAND/GINT/81-84-10-03.GPJ DEFAULT.GDT 12/23/03



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Fax: (510) 420-9170

BORING/WELL LOG

CLIENT NAME Chevron Products Company BORING/WELL NAME ___B3 **JOB/SITE NAME** 20-Nov-03 DRILLING STARTED LOCATION 3005 Grove Way, Castro Valley DRILLING COMPLETED 20-Nov-03 **PROJECT NUMBER** 41D-2024 WELL DEVELOPMENT DATE (YIELD) NA DRILLER Woodward Drilling Co. GROUND SURFACE ELEVATION Not Surveyed DRILLING METHOD Hollow-stem auger TOP OF CASING ELEVATION Not Surveyed 8.25" BORING DIAMETER SCREENED INTERVAL NA LOGGED BY M. Terry DEPTH TO WATER (First Encountered) 55.0 fbg (20-Nov-03) REVIEWED BY B. Foss RG# 7445 **DEPTH TO WATER (Static)**

REMARKS CONTACT DEPTH (fbg) GRAPHIC LOG (mdd) U.S.C.S. EXTENT DEPTH (fbg) SAMPLE BLOW LITHOLOGIC DESCRIPTION WELL DIAGRAM <u>P</u> Cleared to 8 fbg with water knife. 8.0 10.0 Gravelly SILT: Brown; dry; moderately loose; 60% silt, 30% gravel, 10% sand; low plasticity; moderate estimated 0 B3@10.5 11.5 15.5 32 Sandy SILT: Dark brown; dry; moderately stiff; 40% silt, 30% gravel, 20% sand, 10% clay; low plasticity; moderate estimated permeability. 0 B3@15.5 ML 17.0 WELL LOG (PID) 1:9-4587 OAKLAND\G\NT\B1-84-10-03.GPJ DEFAULT.GDT 122303 20.0 Clavey SILT: Dark orange; dry; moderately stiff; 60% 28 ML silt, 30% clay, 10% sand; moderate plasticity; moderate 50 B3@21 21.5 0 estimated permeability. 25.0 Clayey SILT: Dark orange; dry; moderately stiff; 60% ML B3@25.5 silt, 20% clay, 15% sand, 5% gravel; low plasticity; 20 26.5 moderate estimated permeability. Portland Type И 30.0 Sandy SILT: Dark brown; moist; loose; 40% silt, 30% clay, 15% sand, 15% gravel; no plasticity; moderate estimated permeability. B3@30.5 31.5 Continued Next Page PAGE 1 OF 2



JOB/SITE NAME

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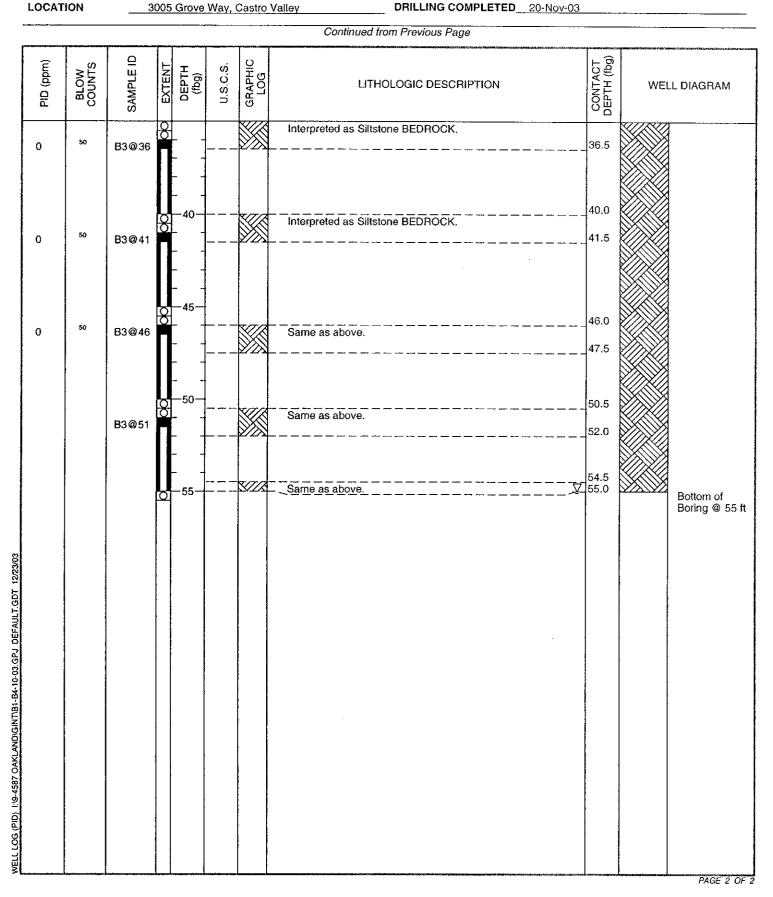
BORING/WELL LOG

CLIENT NAME Chevron Pro

Chevron Products Company 9-3283
 BORING/WELL NAME
 B3

 DRILLING STARTED
 20-Nov-03

 DRILLING COMPLETED
 20-Nov-03





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BORING/WELL LOG

CLIENT NAME Chevron Products Company **BORING/WELL NAME JOB/SITE NAME** 9-3283 DRILLING STARTED 20-Nov-03 LOCATION DRILLING COMPLETED 20-Nov-03 3005 Grove Way, Castro Valley **PROJECT NUMBER** 41D-2024 WELL DEVELOPMENT DATE (YIELD) NA DRILLER Woodward Drilling Co. GROUND SURFACE ELEVATION Not Surveyed DRILLING METHOD Hollow-stem auger TOP OF CASING ELEVATION Not Surveyed **BORING DIAMETER** 8.25" SCREENED INTERVAL NA LOGGED BY M. Terry **DEPTH TO WATER (First Encountered)** 30.5 fbg (20-Nov-03) REVIEWED BY B. Foss RG# 7445 **DEPTH TO WATER (Static)**

REMARKS CONTACT DEPTH (fbg) PID (ppm) GRAPHIC LOG BLOW COUNTS DEPTH (fbg) U.S.C.S. EXTENT SAMPLE LITHOLOGIC DESCRIPTION WELL DIAGRAM Cleared to 8 fbg with water knife. 8.0 10.0 Clayey SILT: Light brown; moist; moderately soft; 80% silt, 15% clay, 5% sand; low plasticity; moderate estimated 0 B4@10.5 11.5 permeability. 15.0 Only one sample tube recovered; very rocky. 50 B4@16 16.5 Portland Type LOG (PID) 1:9-4587 OAKLAND\GINT\B1-B4-10-03.GPJ DEFAULT.GDT 12/23/03 20.0 Sandy SILT: Brownish orange; dry; moderately stiff; 60% silt, 20% sand, 15% clay, 5% gravel; no plasticity; 10 10 ML 0 84@20.5 21.5 moderate estimated permeability. 25.0 28 Sandy SILT: Orangish brown; dry; moderately loose; 65% silt, 20% sand, 10% gravel, 5% clay; no plasticity; moderate to high estimated permeability. ML 0 B4@25.5 26.5 30.0 Clayey SILT: Brownish yellow; wet; moderately loose; 60% silt, 30% clay, 5% sand, 5% gravel; low plasticity; moderate estimated permeability. ML 0 B4@30.5 31.5 Continued Next Page



BORING/WELL LOG

PAGE 2 OF 2

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CLIENT NAME	Chevron Products Company	BORING/WELL NAME _	B4
JOB/SITE NAME	9-3283	DRILLING STARTED _	20-Nov-03
LOCATION	3005 Grove Way, Castro Valley	DRILLING COMPLETED_	20-Nov-03

Continued from Previous Page CONTACT DEPTH (fbg) GRAPHIC LOG SAMPLE ID PID (ppm) BLOW U.S.C.S. EXTENT DEPTH (fbg) LITHOLOGIC DESCRIPTION WELL DIAGRAM Silty CLAY: Light yellow; dry; very stiff; 60% clay, 35% silt, 5% sand; low plasticity; moderate estimated permeability. CL 36.0 Bottom of Boring @ 36 ft B4@36 WELL LOG (PID) 1:9-4587 OAKLAND\GINT\B1-84-10-03.GPJ DEFAULT.GDT 12/23/03

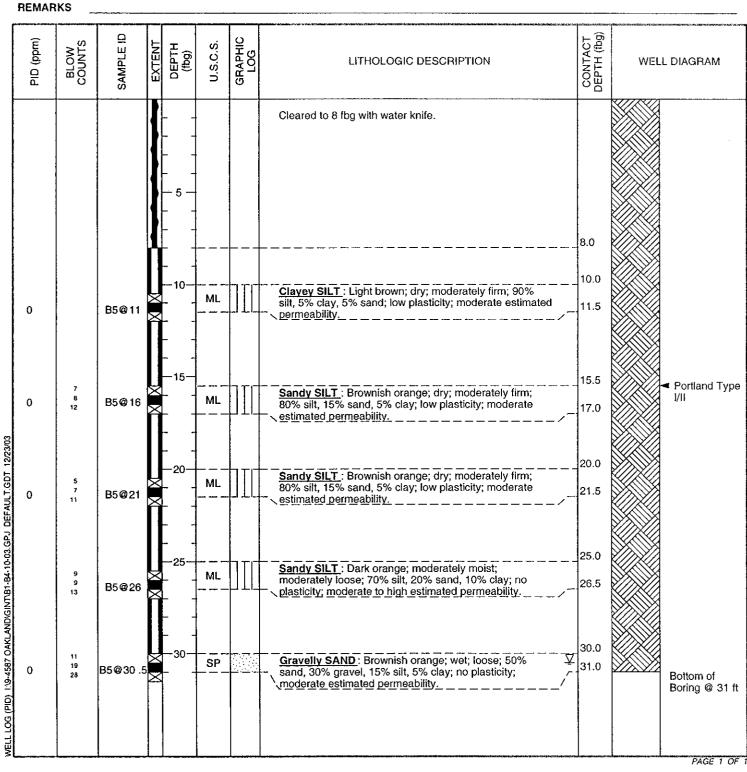


Cambria Environmental Technology, Inc. 5900 Hollis Street, Suite A

BORING/WELL LOG

Emeryville, CA 94608 Telephone: (510) 420-0700 Fax: (510) 420-9170

CLIENT NAME	Chevron Products Company	BORING/WELL NAME B5	
JOB/SITE NAME	9-3283	DRILLING STARTED 21-No	v-03
LOCATION _	3005 Grove Way, Castro Valley	DRILLING COMPLETED 21-No	v-03
PROJECT NUMBER_	41D-2024	WELL DEVELOPMENT DATE (Y	ELD) NA
DRILLER _	Woodward Drilling Co.	GROUND SURFACE ELEVATION	Not Surveyed
DRILLING METHOD_	Hollow-stem auger	TOP OF CASING ELEVATION N	ot Surveyed
BORING DIAMETER_	8.25"	SCREENED INTERVAL N.	Α
LOGGED BY	M. Terry	DEPTH TO WATER (First Encou	ntered) 30.5 fbg (21-Nov-03)
REVIEWED BY	B. Foss, RG # 7445	DEPTH TO WATER (Static)	NA 💆
		•	





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BORING/WELL LOG

CLIENT NAME Chevron Products Company BORING/WELL NAME В6 **JOB/SITE NAME** DRILLING STARTED 21-Nov-03 LOCATION 3005 Grove Way, Castro Valley DRILLING COMPLETED 21-Nov-03 PROJECT NUMBER 41D-2024 WELL DEVELOPMENT DATE (YIELD) NA DRILLER Woodward Drilling Co. GROUND SURFACE ELEVATION _ Not Surveyed DRILLING METHOD Hollow-stem auger TOP OF CASING ELEVATION Not Surveyed **BORING DIAMETER** 8.25 SCREENED INTERVAL NA M. Terry LOGGED BY DEPTH TO WATER (First Encountered) 31.0 fbg (21-Nov-03) REVIEWED BY B. Foss, RG # 7445 **DEPTH TO WATER (Static)** NA

REMARKS CONTACT DEPTH (fbg) GRAPHIC LOG (mdd) BLOW U.S.C.S. DEPTH (fbg) EXTENT SAMPLE LITHOLOGIC DESCRIPTION WELL DIAGRAM PID Cleared to 8 fbg with water knife. 8.0 10.0 Sandy SILT: Brownish orange; dry; moderately soft; 85% silt, 15% sand; no plasticity; moderate estimated ML 0 B6@11 15.5 11 Silty SAND: Brownish orange; dry; very loose; 90% sand, 10% silt; no plasticity; high estimated permeability. 11 B6@16 17.0 Portland Type WELL LOG (PID) 1:9-4587 OAKLANDIGINT\B1-B4-10-03.GPJ DEFAULT.GDT 12/23/03 20.0 Sandy SILT: Light brown; dry; moderately loose; 70% ML silt, 15% sand, 15% clay; low plasticity; moderate B6@21 21.5 estimated permeability. 25.0 Sandy SILT: Light brown; dry; moderately loose; 70% silt, 20% sand, 10% clay; low plasticity; moderate ML 18 24 B6@26 26.5 estimated permeability. 30.0 Clayey SILT: Brown; wet; moderately dense; 55% silt, 25% clay, 15% sand, 5% gravel; moderate plasticity; ML B6@31 31.5 moderate estimated permeability. 35.0 Continued Next Page PAGE 1 OF



Cambria Environmental Technology, Inc.

BORING/WELL LOG

PAGE 2 OF 2

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CLIENT NAME	Chevron Products Company	BORING/WELL NAME	B6
JOB/SITE NAME	9-3283	DRILLING STARTED	21-Nov-03
LOCATION	3005 Grove Way, Castro Valley	DRILLING COMPLETED	21-Nov-03

Continued from Previous Page CONTACT DEPTH (fbg) SAMPLE ID GRAPHIC LOG BLOW COUNTS U.S.C.S. PID (ppm) DEPTH (fbg) EXTENT LITHOLOGIC DESCRIPTION WELL DIAGRAM 8 Same as above. ML. 36.0 Bottom of Boring @ 36 ft 50 B6@36 WELL LOG (PID) 1:94-4587 OAKLANDIGINTIB1-B4-10-03.GPJ DEFAULT.GDT 12/23/03

ATTACHMENT B

Laboratory Analytic Report



ANALYTICAL RESULTS

Prepared for:

ChevronTexaco 6001 Bollinger Canyon Rd L4310 San Ramon CA 94583

925-842-8582

Prepared by:

Lancaster Laboratories 2425 New Holland Pike Lancaster, PA 17605-2425

SAMPLE GROUP

The sample group for this submittal is 876323. Samples arrived at the laboratory on Tuesday, November 25, 2003. The PO# for this group is 99011184 and the release number is STREICH.

Client Description			Lancaster Labs Number
B-1-S-16-031119	NA	Soil	4172064
B-1-S-20.5-031119	NA	Soil	4172065
B-1-S-30.5-031119	NA	Soil	4172066
B-1-S-50-031119	NA	Soil	4172067
B-2-S-15.5-031120	NA	Soil	4172068
B-2-S-20.5-031120	NA	Soil	4172069
B-2-S-31-031120	NA	Soil	4172070
B-2-S-41-031120	NA	Soil	4172071
B-2-S-46-031120	NA	Soil	4172072
B-3-S-15.5-031120	NA	Soil	4172073
B-3-S-21-031120	NA	Soil	4172074
B-3-S-30.5-031120	NA	Soil	4172075
B-3-S-36-031120	NA	Soil	4172076
B-4-S-10.5-031120	NA	Soil	4172077
B-4-S-16-031120	NA	Soil	4172078
B-4-S-20.5-031120	NA	Soil	4172079
B-4-S-30.5-031120	NA	Soil	4172080
B-5-S-11-031121	NA	Soil	4172081
B-5-S-21-031121	NA	Soil	4172082
B-5-S-26-031121	NA	Soil	4172083
B-5-S-30.5-031121	NA	Soil	4172084
B-6-S-11-031121	NA	Soil	4172085
B-6-S-21-031121	NA	Soil	4172086
B-6-S-31-031121	NA	Soil	4172087
B-1-W-45-031120	Grab	Water	4172088
B-2-W-45-031120	Grab	Water	4172089
B-3-W-55-031120 *	Grab	Water	4172090
B-4-W-36-031120	Grab		4172091
B-5-W-31-031120	Grab	Water	4172092





Explanation of Symbols and Abbreviations

The following dates and the second of the second patricipal and used in reporting features.

N.D. T NT G IU	abuda Subya da Dua Mantedoro esta da lagrati	BMOL MPN OF Units	Bols All Installment with the fle vel Bost - Karowins Mundsen Domisis - Stonie ad the second
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meq		11).	of the second
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>	Section 1		
4	restitution of the entrest titles within the	e Method Detec	tion for all the fire out of the stable entitletion (LOQ).

ppm pachtus the first for pachts additivatent to one milligram per kitopotent to go not see got per million grams. For equation for the open of usually taken to be equivalent to milligrams on the open of persons one liter of water has a weight of the took kitogram. For gases or vapora, one ppm is equivalent to mind obtaining the open obtaining as per liter of gas.

ppb participant flanci

Dry weight basis

Permis in the Archibine ading have been adjusted for moisune cratical. It is increased the analyte weight compositive and accomplete the value present in a similar sample without the sture. All other results are reported to the control assign.

U.S. EPA CLP Cate Conditions.

	Crossed Spainers		trangeria (Justiliers
Ā	TrO role most a lie audol-condensation product	2	Value is <0.90t (50t.>)Dt.
F)	Analyse was also defected in the blank	E	Estimate de des colorerterence
C	Pesticide in sufficientismed by GC/MS	W	Duplicate injection precision not met
D	Compoure quantitated on a diluted sample	M	Spike sample not within control limits
E	Concernation exceeds the calibration range of	(5	Method of clandard additions (MSA) used
	the insidurent		for calculation
N	Presumptive evidence of a compound (TICs only)		Compound mas not detected
P	Concommittee difference between primary and	VV	Post digestion spike out of control limits
	confirmation celumns >25%	ħ	Duplicate analysis not within control limits
U	Compound was not detected		Correlation coefficient for MSA <0.995
X,Y,2	Defined in case parrative		

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the nample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the nample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaning ass. If you have questions regarding the proper techniques of a flecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling her been performed by a member of our staff. This report shad not be reproduced except in full, without the written approval of the laboratory.

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Analysis Report



1 COPY TO

Cambria Environmental

Attn: Bob Foss

Questions? Contact your Client Services Representative Alison M O'Connor at (717) 656-2300.

Respectfully Submitted,

Victoria M. Martell
Chamiet



Explanation of Symbols and Abbreviations

The following deliter as the second subservations used in reporting is the second second in the porting is the second sec

N.D. TNTC IU	GOTE SILVER SILV	BMGL MPN CP Units	Baros, Chechas Chariteros Level Mest Probable Number cobare Novolain etc. 188
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9	granto	kg	kilogramis)
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mi	endlittere:	£,	liter(s)
m 3	cubic times	(d	microkie:(s)

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- gent of the
- estimated the content of the state of the solution of the Method Defection Linear (MOLE and Linear Classification (LOQ). Ţ
- praise the most fact that the response equivalent to one milligram per suggression of \$250, the energial par million grams. For pom abuseus for this, opinion, studiy taken to be equivalent to milligrams give fiter (mg/l) the cosmoos liter of water has a weight very close to gream. For gases or vapors, one ppm is equivalent to one transmitter or gas per liter of gas.
- parts del 2 dilenppb
- Dry weight basis

Reserving those productines blooding have been adjusted for meisture conficts. This increases the analyte weight controller for the value present in a similar sample value from the controller results are reported on an at improved began.

U.S. EPA CLP Date Character

	pge To Si nelMere		विकास सुरक्षाचित है। उन्हरीबील्ड इ
A	Type and general electropistation product	[]}	Value is of 1998. Note: 15.
В	Analyte with a solven out of mithe blank	E	Estimates due la inverterence
C	Posticide result architement by OO/MS	M	Duplicate injection prousing not met
D	Compound quair Bated in a diluted sample	N	Spike sample pot within control limits
E	Concentration exercises as calibration range of the instrument	S	Method of standard additions (WSA) used for palculation
N	Prestangilize an infector of a compound (TICs only)	()	Compound was not detected
P	Concentration difference I staveen primary and confirmation columns > 25%	W	Post digestion spike out it control limits Duplicate analysis not within control limits
U X,Y,Z	Compound was policidented. Defined is coso receive	4-	Correlation coefficient to MSA <0.995

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of MELAC unless otherwise noted under the incividual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection, of the same. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reportliced except in full, without the written approval of the laboratory.

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Analysis Report



Page 1 of 1

Lancaster Laboratories Sample No. 4172064

B-1-S-16-031119

NA

Soil

CETR

Facility# 93283

B-1

3005 Grove, Castro Valley NA

by MT

Account Number: 10880

Collected:11/19/2003 10:09 Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:10

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004 San Ramon CA 94583

B1-16

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was a in methanol. The reporting lim The reported concentration of T gasoline constituents eluting p start time.	its were adjus [.] PH-GRO does no	ted appropriately t include MTBE or	other		
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

Laboratory Chronicle

		<u> </u>	~ x x 4 · · ·			
CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/28/2003 10:26	Steven A Skiles	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/28/2003 19:32	Marla S Lord	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:40	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:00	Dana M Kauffman	n.a.



Explanation of Symbols and Abbreviations

The following define the control of thinks and whitevolations uped in reporting according

N.D.	April 10 April 1	SMC1.	Below Himmum (Dears), fire sevel
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Ç	gracers.	kçi	Rifegrant(s)
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ml	en dilective	<u>.</u>	[[[] [] [] [] [] [] [] [] []
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>	greate it as		
*. *	osten dun est en The reach falle v	within the Method Detec	tion Chrit (#Of jight, Philip of Quantitation (LOQ).
ppm	person and the Charager is equi	valent to one milligram	per kilogram (mg/kg), or the gram per million grams. For

pare co billion dqq

Dry weight basis

Popular part of the decing have been adjusted for moisture content of the concess the analyte weight consisting the Top superictinars the value present in a similar samply without or leading. Alt other results are reported DOMESTIC THE REVENUE LASIS.

aquadua lagrada, opmilia usualiy taken to be equivalent to militigrams her line. Anglet, recuence one liter of water has a ward a second characteristic will operate. For gases or vapors, one point is equivalent to other material of gas per liter of gas.

U.S. EPA CLP Date Charmons

	Segante Cualifiers		Inorganio duelifiers
A	TIC et le rei se le cirdor dondensation product	E3	Value is kCROL, out NOL
B	Anota I del esto debedecilo the blan k	<u>E</u>	Estimated due to injecturence
C	Resturblish disponunced by GC/MS	M	Duplicate injection precision not met
D	Compound genetitated on a diluted sample	M	Spike sample not within control limits
E	Concentration exceeds the calibration range of	8	Method of standard additions (MSA) used
	the instruction		for calculation
M	Presumparic invidence of a compound (TICs only)	6.3	Compound was not detected
þ	Consent Elem difference between primary and	₩,	Post digestion spike out of control limits
	controllation culturans >25%	16:	Duplicate analysis not within control limits
IJ	Compound was not detected	-{-	Correlation coefficient for MSA < 0.995
X,Y,Z	Defined in case netrative		

Analytical test results for rescheds listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty moves, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the comple. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meanigneess. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held reapposible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be eproduced except in full, without the written approval of the laboratory.

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Page 1 of 1

Lancaster Laboratories Sample No. SW 4172065

NA

B-1-S-20.5-031119

Soil

by MT

Facility# 93283

CETR

3005 Grove, Castro Valley NA

-

Collected:11/19/2003 10:32

B-1

Account Number: 10880

Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:10

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

B1205

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting lim The reported concentration of T gasoline constituents eluting p start time.	nits were adjus PH-GRO does no	ted appropriatel t include MTBE o	Y. r other		
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/28/2003 11:04	Steven A Skiles	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/28/2003 20:03	Marla S Lord	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:42	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:01	Dana M Kauffman	n.a.



Explanation of Symbols and Abbreviations

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- ां एट सम्बद्ध विवय
- Dry weight that the content of the content been adjusted for more than the content of the content beauty weight basis and the content of the

U.S. EPA CLP Room Aparent

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₿	Application of the plant	ří	Beging a common to the common the common that is a common to the common that is a common th
C	Personal and the Commission of COMS	M	Days nate is fuerion charistons not mot
D	Completion premiorist une dibited sample	14	Spiks cample 40. within control limits
E	Conceptible to express the inalignation range of	8	Method of aborderd additions (MSA) used
	the insuration		rand deutablic
N	 Prospergion - for templa, homeboad (TiCs only) 	1,1	El engriph i vrus not deserted
b	Committee of the contraction with any and	W	Figst 35 ashore splike out to control limits
	confine fee stights. 26%	*	Deploses analysis not within control limits
ŧ,	Compound Ausinot detented	. 5.	Correlation coefficient for MSA <0.995
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Analytical test results for reschode to be a provided in the laboratories' accreditation sample measurements of NELAC unless otherwise noted under the lockwist analysis.

Measurement uncorrainty universitian applicable, are available upon request.

Tests results relate only to the cample liveted. Clients should be aware that a price! sop in a chemical or microbiological analysis is the collection of the sample contest the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningles? If you have questions regarding the proper tearningles of collecting samples, please contact us. We cannot be half reacherable for sample integrity, however, unless sampling has been performed by a member of our staff. This report ships and the uncontest except in full, without the written approval of the laboratory.

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Page 1 of 1

Lancaster Laboratories Sample No. SW 4172066

B-1-S-30.5-031119

NA

Soil

B-1

Facility# 93283

CETR

3005 Grove, Castro Valley NA

,11111

Collected:11/19/2003 10:44

by MT

Account Number: 10880

Submitted: 11/25/2003 10:05

Reported: 12/09/2003 at 19:10

Discard: 01/09/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

B1305

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/28/2003 11:42	Steven A Skiles	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/28/2003 20:34	Marla S Lord	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:44	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:02	Dana M Kauffman	n.a.



Explanation of Symbols and Abbreviations

The following defines a many section in the abbreviations used in reporting techniques.

TNTC	Application of the control of the co	MPN	Selegal Colonia di magnitori di Probetto Mem Probenti alea, mben per amenti ng terbiasi
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- J= before for a first the trace falls within the Method Dependent (bit (447)) unduliar of Leantitation (LOQ).
- ppm patter of the species addicatent to one milligram per longrome entity), according to be million grams. For aquality and the according to the control of the control of the control of gas per liter of gas. The gas of the control of gas per liter of gas.
- ppb parts and biffuse
- Dry weight basis in the first leading have been adjusted for melities or news, the converse the analyte weight concentration to approximate with present in a similar sample without a very security are reported in which is a concentration of the security and the contract of the security are reported in which is a concentration of the security and the security are reported in which is a security of the security and the security are reported in which is a security and the security are reported in which is a security and the security are reported in which is a security and the security are reported in the security are reported in the security and the security ar

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E	Ansiyae wac reincher annd in the blank	띹	Estimated are bilinerioral or a
C	Pesticide read Educationals by GC/MS	M	Duplicate injection precision not met
D	Compound quantifated on a diluted sample	N	Spike sample not winth control limits
er.	Concentration exceeds the calibration range of	62	Method of standard adamons (MSA) used
	the instrument		for calculation
N	Presumptive expenses of a compound (TICs only)	ŧ,	Compound was not delinated
(:)	Concentration deletence between primary and	W	Post digestion police out or control fimits
	confirmation returns 5.75%	že.	Duplicate analysis not within control limits
U	Compound was not rietected		Correlation coefficient for MSA <0.995
X,Y,Z	Defined in case hadative		

Analytical test results for methods folded on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the included analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample rested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of objecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be sampled except in full, without the written approval of the laboratory.

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Page 1 of 1

4172067 Lancaster Laboratories Sample No. SW

B-1-S-50-031119

Soil

Facility# 93283

3005 Grove, Castro Valley NA

B-1

CETR

Collected:11/19/2003 14:00

by MT

Account Number: 10880

Submitted: 11/25/2003 10:05

Reported: 12/09/2003 at 19:10

Discard: 01/09/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

B1-50

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting lim The reported concentration of I gasoline constituents eluting patent time.	nits were adjus PPH-GRO does no	ted appropriatel t include MTBE o	y. r other		
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

Laboratory Chronicle

CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/28/2003 12:19	Steven A Skiles	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/28/2003 21:05	Marla S Lord	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:46	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:03	Dana M Kauffman	n.a.



Explanation of Symbols and Abbreviations

The following defices the last the expension abbreviations used in reporting the last the last the contract of

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- less liber of the combet following the sign is the limit of quantitation, the combet are used of analyte which can be reflect or desired for the log this specific test.
- green in 5 kg
- John School Bernstein Title result felts within the Method Defoction Linux (SD Approximation LOQ).
- ppm park the entire the ppm is equivalent to one milligram per knograms on a sylvant to gram per million grams. For a second of the open is usually taken to be equivalent to milliprated per its product one liter of water has a meaning open one interpretable of gas per liter of gas.
- ppb popular differ
- Dry weight basis

Place in the subdenties heading have been adjusted for moisture posters. If the expression analyte weight consection to the results are reported on a fit of the consection of the property of the consection of t

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A	PC rate productivité décondensation product	Ē	Value is ett in grund with	
В	Know As the block of world in the blank	摇	Estro decide de la constantida	
C	Packette result postismed by GC/MS	M	Duplicad important procision not met :	
D	Conground quantitated on a diluted sample	M	Spike sample of vehilo control limits	
E	Concertration exceeds the calibration range of	65	Method of mundered a idinoph (MSA) used	
	ine instrument		for calculate	
N	Prescriptive refers us of a compound (TICs only)	Ü	Composition in the delicated	
Р	Connectivation difficulance between primary and	W	Post digeenor (g/k loc) of control limits	
	confined to celumns 5.25%	4:	Ouplicate analysis het within centrel limits	
L	Cown hard was not depoted	- <u>ş</u> .	Correlation coefficient to: MSA <0.995	
X,Y,Z	Defined in type numative			

Analytical test results for meshods listed on the laboratories' accreditation scope medical requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty realizes, as applicable, are available upon request.

Tests results relate only to the nample fested. Clients should be aware that a critical stem in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meetingless. If you have questions regarding the proper fechniques of collecting samples, please contact us. We cannot be held aspensible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the reproduced except in full, without the written approval of the reproduced except in full, without the written approval of the reproduced except in full, without the written approval of the reproduced except in full, without the written approval of the reproduced except in full, without the written approval of the reproduced except in full, without the written approval of the reproduced except in full, without the written approval of the reproduced except in full, without the written approval of the reproduced except in full, without the written approval of the reproduced except in full, without the written approval of the reproduced except in full, without the written approval of the reproduced except in full without the written approval.

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Page 1 of 1

Lancaster Laboratories Sample No. 4172068

B-2-S-15.5-031120

NA

Facility# 93283

CETR

3005 Grove, Castro Valley NA

B-2

Collected:11/20/2003 07:35

by MT

Soil

Submitted: 11/25/2003 10:05

Reported: 12/09/2003 at 19:10

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

ChevronTexaco

Account Number: 10880

B2155

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting lim The reported concentration of T gasoline constituents eluting p start time.	its were adjus PH-GRO does no	ted appropriately t include MTBE or	/· c other		
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

Laboratory Chronicle

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CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/01/2003 02:58	Stephanie A Selis	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/28/2003 21:36	Marla S Lord	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:48	Marla S Lord	n.a.
01150	GC VOA Soil Prep	sw-846 5035	1	11/26/2003 14:24	Dana M Kauffman	n.a.



Explanation of Symbols and Abbreviations

The following defines on the control of the sort about depoins used in reporting protein the east.

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9	gratii (10	kα	kilogram(s)
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m	million	Ž.,	diam'r
m3	ouble multiplie	tíÍ	a doro du ex

- eos dem decidencia della vino the sign is the limit of quantities at the smallest amount of analyte which can be refluctly designing the specific text.
- > grame end.
- Jestimated value The result falls within the Method Detection Cliebs (NPV Are a Clieb of Quantitation (LOQ).
- ppm participation of the point is equivalent to one milligram per laborate among a consigning por million grams. For aqueous like idea ppm in intensity taken to be equivalent to militaristic per acceleration to exceed the relationship to the participation. For gases or vapors, one ppm is not velocitied to not calcimitation of past per liter of gas.
- ppb pads or billion

Dry weight basis

Hospital, these or describe hooding have been adjusted for melisture consent. This is alreads the analyte weight concentration to appear in the value precent in a similar semble without collect. All other results are reported on a tradecontent bases.

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	Cognition Assettations		helpenik öcziffers
À	TIO is a possible todal condensation product	(2)	Walnesk (CREA), for weigh
B	Analyse wide throughtected in the blank	100	disminant for a security develope
C	Pesticide result confirms a by GC/MS	M	Duplicate injection precision not mer
D	Compound quantitated on a filluled sample	N	Spike somely per within control limits
E	Concentration exceeds the calibration range of	G	Mothed of pranciard additions (iMSA) used
	the instrument		for cetrolistics
Ŋ	Presumptive evidence of a compound (TICs only)	ŧ.J.	Compensatives and detected
O	Concentration difference between primary and	W	Post agention spike out of central limits
	confirmation columns >85%	*	Duplicate ansivals not within control limits
ئى	Compound was not detected	-\$1	Correlation coefficient for MSA < 0.995
X,Y,Z	Defined in case narrative		

Analytical test results for methods listed on the laboratories' accreditation scone meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step to a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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SW 4172069 Lancaster Laboratories Sample No.

B-2-S-20.5-031120

NA

Facility# 93283

CETR

3005 Grove, Castro Valley NA

B-2

Collected:11/20/2003 07:38

by MT

Soil

Account Number: 10880

Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:10

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

B2205

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting lim The reported concentration of gasoline constituents eluting patent time.	mits were adjus PPH-GRO does no	sted appropriatel ot include MTBE o	y. or other		
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

		<u> </u>	CILLO	III OI O		
CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/28/2003 12:57	Steven A Skiles	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/28/2003 22:07	Marla S Lord	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:51	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:05	Dana M Kauffman	n.a.





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U.S. EPA CLP Date 1987

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D	Compositive court weeks on a diluted sample	N	Spike sample and with the contilimits	
<u> </u>	Concord and Lenders sine delibration range of	()	Method of characters in the wi/MSA) used	
	the instructs		for calculation	
N	 Presumptive to the compound (TICs only) 		Compound was a story of a first	
P	Concentration of Lance incureen primary and	M	Post dipertion sproment to tard limits	
	confirme fun im Norms a 0.5%	ţ.	Cuplicate analysis not be a control limits	
Ü	Compound we are detacted	*t·	Compation coefficient is 450,440,995	
X,Y,\mathbb{Z}	Defined in creating plays			

Analytical test results for a score listed on the laboratories' accreditation scope most of requestions of NELAC unless otherwise noted under the includest analysis.

Measurement uncertaining virtuals, as applicable, are available upon request.

Tests results relate only in the example tosted. Clients should be aware that a critical stop in a clientical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the object of material involved, the test results will be measingles and you have questions regarding the proper techniques of the being camples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has continued by a member of our staff. This report shall not be reproduced except in full, without the written apparatal of the continued by

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4172070 Lancaster Laboratories Sample No. SW

B-2-S-31-031120

NA

CETR

Facility# 93283

3005 Grove, Castro Valley NA

B-2

Collected:11/20/2003 07:53

by MT

Soil

Account Number: 10880

Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:10

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

B2-31

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting lim The reported concentration of T gasoline constituents eluting p start time.	its were adjus PH-GRO does no	ted appropriatel t include MTBE o	y. r other		
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04~4	N.D.	0.001	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

	220.700 = 1				
	_		Analysis		Dilution
Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
TPH-GRO - Soils	N. CA LUFT Gasoline	1	11/28/2003 13:35	Steven A Skiles	25
BTEX+MTBE by 8260B	SW-846 8260B	1	11/28/2003 22:38	Marla S Lord	0.99
GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:53	Marla S Lord	n.a.
GC VOA Soil Prep	sw-846 5035	1	11/26/2003 14:06	Dana M Kauffman	n.a.
	BTEX+MTBE by 8260B GC/MS VOA Soil Prep	TPH-GRO - Soils N. CA LUFT Gasoline method BTEX+MTBE by 8260B GC/MS VOA Soil Prep SW-846 5030A	TPH-GRO - Soils N. CA LUFT Gasoline method BTEX+MTBE by 8260B GC/MS VOA Soil Prep SW-846 5030A 1	Analysis Name Method Trial# Date and Time TPH-GRO - Soils N. CA LUFT Gasoline method 1 11/28/2003 13:35 method BTEX+MTBE by 8260B SW-846 8260B 1 11/28/2003 22:38 method GC/MS VOA Soil Prep SW-846 5030A 1 11/28/2003 17:53 method	Analysis Name Method Trial# Date and Time Analyst TPH-GRO - Soils N. CA LUFT Gasoline method 1 11/28/2003 13:35 Steven A Skiles BTEX+MTBE by 8260B SW-846 8260B 1 11/28/2003 22:38 Marla S Lord GC/MS VOA Soil Prep SW-846 5030A 1 11/28/2003 17:53 Marla S Lord



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weight very note to a kilogram. For gases or vapors, one ppines of a value to unless the little of gas per liter of gas.

ppb parts per litter.

Dry weight basis

ppm

Results provide inder this heading have been adjusted for motion (i.e., inc.) in the consession analyte weight concentrated to approximate the value present in a similar samely with a modernia. As other results are reported on to the options bases.

Earls occupied to Cincupreds equivalent to one milligram per Respected in the content am per million grams. For aquivalent is miligranted to the great per production and its production of water has a

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	obligation de la company de la		So gent destinen
A	TIC is a positive wideliconcensuition product	9	Value Location, market
В	Anaryle rites uso distacted in the black	E	Estraced was reproductive
C	Posticide result confirmed by GG/MS	Wi	Duplings rejection prediction not met
D	Compound quantitated on a diluted sample	M	Spike sample not within control limits
-	Concontration exceeds the calibration range of	S	Method of stallmard additions (MSA) used
	the instrument		for expendion
N	Presumptive evidence of a compound (TICs only)		Compound was not designed
D	Concentration difference between primary and	W	Post dicestion optice and a control limits
	confirmation polymers -25%	₹.	Duplicate analysis not within control limits
Li	Compound was not detected	4	Correlation coefficient for MSA <0.995
X,Y,Z	Defined in case nanative		

Analytical test results for methods listed on the laboratories' accreditation scope result all requirements of NELAC unless otherwise noted under the individual analysis.

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Lancaster Laboratories Sample No. SW 4172071

B-2-S-41-031120

NA

CETR

Facility# 93283

Soil

3005 Grove, Castro Valley NA

B-2

Collected:11/20/2003 08:18

Discard: 01/09/2004

by MT

Account Number: 10880

Submitted: 11/25/2003 10:05

Reported: 12/09/2003 at 19:10

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

B2-41

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was prin methanol. The reporting limit The reported concentration of Transcoline constituents eluting prostart time.	lts were adjust PH-GRO does not	ed appropriately : include MTBE or	other		
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

		Haboracory	CILLO	111010		
CAT	CAT Analysis					Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/28/2003 14:13	Steven A Skiles	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/28/2003 23:09	Marla S Lord	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:55	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:07	Dana M Kauffman	n.a.



The following defined control of permitted as a subrevisitions used in reporting weather the left.

B.1.1%		Property.	
N.Ð.	BOBS AT STORY	BMQ1.	Refere Lidernary Chandidation Level
TNTC	Too start among all the second	MPH	West Problems humbs
	International Control	GP Units	enbadkuhit remietra in leth.
umhos/cm	raio Alima Pinna	\$\\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	papiere remain de préfet de la
C	ORGINARIA GIRA G	[7]	degrees in raining t
meq	milioques aus	Et.	poencis
g	gram(*)	ko	kitot/amijs
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mi	enthiwe rus	1	- Bendi
m3	ouben raktionijs	E t §	rate relation(s)
<.′.	is as well of the controlling the reliably presentation coming this spec		antificação. Ital structions amount of analyte which can be
>	greate men-		
	estimated value - The result falls to	within the Method Detac	dic in Limit (Milife) green learnt of Literariliation (LOQ).
mqq	paris es invitind. One do vies egu	ivalent to one milligram	per Riconana confirm, or cas seem con million grams. For

weight very trade in a singram. For gases or vapors, one painter equivalent to one appropriate of gas per liter of gas.

ppb participar billion.

Dry weight basis

Results contact in derithis hoading have been adjusted for moisture consent. The americans the analyte weight concentration to opportmate the value present in a single sample without modelness to one results are reported on an arrange of costs.

aqueous than the print a equally taken to be equivalent to milligram as at lifer (mod), inscald a one liter of water has a

U.S. EPA CLP Data Clusteration

	Comment of the commen		parameter promises
A	GC ministry the reductional densation product	淺	Value in aCCDM. His area.
B	Analyse master is a remod in the blank	1.7	Estimated due no tree search
C	Pesticide restricter Amote by GC/MS	W	Cuplicate injection precision not met
D	Cempound qualitated on a diluted sample	N	Spike sample norwallik control limits
C	Ocndentration exprects the calibration range of	S	Method of standard southless, (MSA) used
	the instrument		for calculation
N	Presumptive meldence of a compound (TICs only)	U	Compressive a not do serie E
Ð	Concentration of iference between primary and	W	Post 3 gestion spike her be to term' limits
	confirmation columns >25%	\$ 1	Ouplicate analysis not within control limits
U	Compound was not detected	4.	Correlation coefficient for MSA < 0.395
X,Y,Z	Defined in case narrative		

Analytical test results for methods intied on the laboratories' accreditation scope meet all require nexts of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

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Lancaster Laboratories Sample No. SW 4172072

B-2-S-46-031120

NA

Facility# 93283

CETR

3005 Grove, Castro Valley NA

Collected:11/20/2003 08:48

B-2

Soil

by MT

Submitted: 11/25/2003 10:05

Account Number: 10880

Reported: 12/09/2003 at 19:10

ChevronTexaco

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

B2-46

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

		Haboracory	OIII O	HITOIC		
CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	11/28/2003 14:50	Steven A Skiles	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/28/2003 23:40	Marla S Lord	0.99
00374	GC/MS VOA Soil Prep	SW~846 5030A	1	11/28/2003 17:57	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:08	Dana M Kauffman	n.a.



The following defines a management of a read abbreviations used in reporting to small as including

N.D.	tona de autoi	HMOL.	Cercy efficient in Cinter Espiran Level
TNTC	Too Danierous 1	WPN	Nost Probebre Nurcher
IU	Intercord Base 1	CF Unite	pohaft-chierre dilas e pelle
umhos/cm	miero i iraz m	NEL	maphalama ar tuli digi esti
C	dograda Delakio	8	i degreks (Barrer kul)
meq	militario e e e e	Yeard A	pcend(s)
g	greeto:	kā	kilogram(s)
นดู	micrograme. 1	1743 1844	milligar m(n)
ml	millions.	Ĭ	Her(c)
m3	ouble mensifist	€3. [†]	microilly (13)

- less man this number following the sign is the <u>limit of quantitation</u> in a small recembent of analyte which can be reliable treatment at esting this specific test.
- > greate from
- J estimated value. This result falls within the Method Detection Limit (MDL) and Usabled Quantitation (LOQ).
- ppm parts per matter. One ppm is equivalent to one milligram per kilogram (mg/kg) in one gram per million grams. For aquecus tightida, ppm is usually taken to be equivalent to milligrams per this usually taken to be equivalent to milligrams per this personal because one liter of water has a weight very close to a kilogram. For gases or vapors, one ppm is coulve eat a less microliber of gas per liter of gas.
- ppb parts per billion

Dry weight basis

Results printed under this heading have been adjusted for moisture content. The notices the analyte weight concentration to approximate the value present in a similar sample without moisture. All other results are reported on to be received basis.

U.S. EPA CLP Data Oralisms:

	Organic Gualfiers		ine rose de desembers
A	TIC in a rescalate aidot-condensation product	P	Value is < Chick and a 20.
В	Analysis was also detected in the blank	8	Estimated rule 1/2 presidences
C	Pessicide result confirmed by GC/MS	ίΛi	Duplicate injection precision not met
D	Compound quantitated on a diluted sample	N	Spike sample not within control limits
Ε	Concentration exceeds the calibration range of	S	Method of standard additions (MSA) used
	the instrument		for calculation
Ν	Presumptive endence of a compound (TICs only)	()	Compound was not detected
P	Concernation difference between primary and	W	Post digestion spike out of control limits
	confirmation columns >25%	*	Duplicate analysis not within control limits
U	Compound was not detected	4.	Correlation coefficient for MSA < 0.995
X,Y,Z	Defined in case namative		

Analytical test results for methods listed on the laboratories' accreditation scope meet all considerations of NELAC unless otherwise noted under the individual analysis.

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Lancaster Laboratories Sample No. SW 4172073

B-3-S-15.5-031120

NA Soil

by MT

Facility# 93283

CETR

3005 Grove, Castro Valley NA

B-3

Collected:11/20/2003 09:58

-

Account Number: 10880

Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:10

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

B3155

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/01/2003 05:30	Stephanie A Selis	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/29/2003 00:12	Marla S Lord	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:58	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:09	Dana M Kauffman	n.a.





The following determinant of the state of abbreviations used in reporting to the project

N.D. TNTC	ng te gas gree Tagas en en en en en en en en en	BMQ1. MPN	Service and the Consolination Fevel of Michigan Federal Section 1
	for the state of t	OF Units	工作者的 人名西格特 地名美国特里
umhos/cm	mic to	BYM	the property of the second of the second
C	dega un non de	[-	(4) 新国民党 ¹⁷ 4、16、1844年
meq	muli se e se se e se e se e se e se e se e	} i	Bush 1, 8
9	green .	kg	rak par tigar
UÇI	Marie Commence	mg	State of the state
mi	militie e j	į	and the second of the second o
m3	- 5400 mm, 294 ¹ 4	£[]	MCC Mar No

- It is studied. The condition of the sign is the limit of quantities of an effect and the of analyte which can be traffed a traffed a size from the specific test.
- > general s
- If the estimate that he has notatly within the Method Detection and the large through Quantitation (LOQ).
- ppro part on the Content of adjuvalent to one milligram per decrement (2%). The gram per million grams. For adjuvalent lieuwise one is usually taken to be equivalent to millionate the lieuwise one lifer of water has a resigner very class, one kilogram. For gases or vapors, one ppm in the velocity one managing of gas per liter of gas.
- ppb save a Million

Dry weight basis

Recalls for the collectris to acong have been adjusted for moise of the constructive ases the analyte weight in the collectrist of the property of the value present in a similar section without move the collectrist of the coults are reported on an increase.

U.S. EPA CLP Data O. Schene

	Proposic Geneithers		वेदन द्वार पुरस्क कर दर्ज है। चे ते तर पर पर भी है कि कि लिए
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Ð	and uses with in so ill tected in the blank	87	Rotardo e Concerno in Independen
\mathbb{C}	Participal of confirmently GO/MS	M	Luphrain impolior inculator not met
D	Core; ound grammated on a cituted sample	řŧ.	Spike randingot within control limits
£2.	Concensiate a succeeds the calibration range of	8	Method of Standard additions (MSA) used
	the instrument		for heighten an
M	Presumpting a for indicate temporand (TICs only)	U	Completed was not delected.
£ 3	Concentration difference between primary and	W	Prof. dicease in since out of coatof limits
	confirmation influence >25%	tir	Duplicate analysis not within control limits
	Compound was not detected	٠.{-	Correlation coefficient to: MSA <0.995
X,Y,\mathbb{Z}	Defined in case parraises		

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Lancaster Laboratories Sample No. SW 4172074

B-3-S-21-031120

NA

B-3

CETR

Facility# 93283

Soil

3005 Grove, Castro Valley NA

Collected:11/20/2003 10:00

by MT

Account Number: 10880

Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:10

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

B3-21

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/01/2003 06:07	Stephanie A Selis	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/29/2003 00:43	Marla S Lord	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 17:59	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:10	Dana M Kauffman	n.a.





The following define a common the expression subtractions used in reporting technical condi-

N.D. TNTC	er i differen Nooren en b	21/16/1. MPN	edit verkin trom Guardianen i aval Word Prote ad Numba
\$1.3	Property of the Control of the Contr	GP Units	case referring the cent
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meg	Soften Commence		protectly
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ug	mig.	m ₉	entropie de la companya de la compa
lu)	为 是 "多多"。	;	li te ré i
m3	作用。 特别的 有数	₹	microllavis;

- tess of the first of the following the sign is the limit of quantitation, the standard emotion of analyte which can be resalt to Members to estag this specific test.
- > 10000000
- J setimated related for result falls within the Method Defection Limit (GDF) must apply a Gusalitation (LOQ).
- ppm participation of the profile equivalent to one milligram per kilogram (regalog), to but the per million grams. For anticipation like the relativistic per solution to be equivalent to milligrams per less (regalo, because one liter of water has a weight may do the Luca Klogusta. For gases or vapors, one permissional for the local collection of gas per liter of gas.
- ppb easts on the co.
- Dry weight files of basis 1985 of
- Fixed is a many the office heading have been adjusted for moisture content. This secret see the analyte weight the value present in a similar sample without nucleation. All omor results are reported as an experience of the value present in a similar sample without nucleation. All omor results are reported as a similar sample without nucleation.

U.S. EPA CLP Date Overhold

	. Type of the Assault Assault assault		lear gonto l'essi Hers
A	MiChigla coulds to in Turrendensation product	P2	Value is <creel but="" ndl<="" th=""></creel>
£3	Averyte reasile by settled ad in the blank	Ç.	Estabelari dur. 10 Interiorence
С	Perficide results animated by GC/MS	M	Duplicare injection precision not met
D	Compound or sociated on a diluted sample	M	Spike cample not within control limits
E	Gencentration expects the calibration range of	£ 15	Method of standard additions (MSA) used
	the restrument		for calculation
N	Presumptive anderse of a compound (TICs only)	Į.	Compound was not detacted
þ	Connection of fife since between primary and	W	Post digestion spike out of control limits
	confirmation unlumns >25%	*	Duplicate analysis not within control limits
U	Corapound was not distrected		Correlation coefficient for MSA < 0.995
Y V 7	Matings in each name ora		

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

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Lancaster Laboratories Sample No. SW 4172075

B-3-S-30.5-031120

NA Soil

by MT

Facility# 93283

CETR

3005 Grove, Castro Valley NA

B-3

Collected:11/20/2003 10:15

_

Account Number: 10880

Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:10

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

B3305

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

		Laboracory	CILO	117070		
CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/01/2003 06:45	Stephanie A Selis	25
07360	BTEX+MTBE by 8260B	sw-846 8260B	1	11/29/2003 01:14	Marla S Lord	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 18:02	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:11	Dana M Kauffman	n.a.



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- decrease the transpection of the report falls within the Method Detection Limit (WDL) and a most of Quantitation (LOQ).
- ppm particle trades. Concern a equivalent to one milligram per diogram (mg/kg), or one general million grams. For and a final separate additionally taken to be equivalent to milligrams per liter (mg/i). Lectors one liter of water has a weign of personal and one figure. For gases or vapors, one personal equivalent to one microliter of gas per liter of gas.
- ppb part to two
- Dry weight basis

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U.S. EPA CLP Date 1 Statement

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C	Pasting a magainned by GOMS	ÑΆ	Dupilozte injection procision not met
D	Compound guarditated on a diluted sample	[4]	Spike sample not within control limits
E	Occidentiation excheds the calibration range of	S	Method of standard additions (MSA) used
	the austrument		for calculation
И	Presumple intvidence of a compound (TiOs only)	Coulty County	Compound was and detacred
þ	Contest sturn "Membria between primary and	W	Post digestion opike out of control limits
	continue of an cotumnic >25%	में	Duplicate analysis not within control limits
Ć.	Composition was not detected	₹,4	Correlation coefficient for MSA <0.995
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Analytical test results for methods fisced on the laboratories' accreditation scope mode all requirements of NELAC unless otherwise noted under the facilitidual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be emproduced except in full, without the written approval of the laboratory.

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Lancaster Laboratories Sample No. SW 4172076

B-3-S-36-031120

NA

Soil

Facility# 93283

CETR

3005 Grove, Castro Valley NA

B-3

Collected:11/20/2003 10:23

by MT

Account Number: 10880

Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:10

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

B3-36

				As Received		_,_,
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was pringer in methanol. The reporting limit The reported concentration of The gasoline constituents eluting prostart time.	its were adjust PH-GRO does not	ted appropriately t include MTBE or	other		
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

		Laboratory	Chro	uicie		
CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/01/2003 07:23	Stephanie A Selis	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/29/2003 01:45	Marla S Lord	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 18:03	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:12	Dana M Kauffman	n.a.



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- ppb posterior
- Dry weight
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U.S. EPA CLP Light 179 Miles

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D	Compound quantitates on a diluted sample	N	Spike sample not within control limits
C	Concentration exceeds the calibration range of	S	Method of standard additions (MSA) used
	the signary entities		for calculation
N	Presumeir a execute of a compound (TICs only)	ŧ\$	Compute di was not delected
P	Concertie or difference treateen primary and	W	Post digestion spike out of control limits
	confirmation columns >25%	*-	Duplicate analysis not within control limits
U	Compound was not detected	3-	Correlation coefficient for MSA < 0.995
X,Y,Z	Definish in case nametive		

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical stop in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be proposed except in full, without the written approval of the laboratory.

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Lancaster Laboratories Sample No. SW 4172077

B-4-S-10.5-031120

NA

Soil

Facility# 93283

3005 Grove, Castro Valley NA

B-4

CETR

Collected:11/20/2003 15:48

by MT

Account Number: 10880

Submitted: 11/25/2003 10:05

Reported: 12/09/2003 at 19:10

Discard: 01/09/2004

ChevronTexaco

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

As Received

B4105

				110 INCOCE FOR		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	10.	mg/kg	250
	The analysis for volatiles was in methanol. The reporting li The reported concentration of gasoline constituents eluting start time.	mits were adjus TPH-GRO does no	sted appropriatel ot include MTBE o	y. or other		
	Poor surrogate recoveries were needed to perform the analysis		this sample due t	to the dilution		
	Due to excessive foaming of the attained.	ne sample, norma	al reporting limi	ts were not		
07360	BTEX+MTBE by 8260B					
02016	5 Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1.01
05460) Benzene	71-43-2	N.D.	0.001	mg/kg	1.01
05466	5 Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05474	i Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06303	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/02/2003 07:18	Deborah S Garrison	250
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/29/2003 02:17	Marla S Lord	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 18:04	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:13	Dana M Kauffman	n.a.





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627	Contraction in speeds the calibration range of the last pro-	53	Method of srandard additions (WSA) used or paled stan
M	Presumed the printer of the elempound (TICs only)	Ç.	Capricians was an dates of
Р	Concerted in 13% and therefor primary and	ijij	Goet digardion or we had be control limits
	confirmation right as 5,26%	\$	Ouplicate analysis not winth control limits
U	Compound was not detected	4	Correlation coefficient for MSA, <0.995
X,Y,Z	Defined in case parasiva		

Analytical test results for method. Issisd on the laboratories' accreditation scope meet all renultements of NELAC unless otherwise noted under the Entitle of analysis.

Measurement uncertainty values, ac applicable, are available upon request.

Tests results relate crity to the sempte tented. Clients should be aware that a critical step in a chamical or microbiological analysis is the collection of ten sample. Upless the sample analyzed is truly representative of the bolk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting eamples, please contact us. We cannot be held reaport sixtin for cample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be investigated except in full, without the written approval of the laboratory

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Analysis Report



Page 1 of 1

4172078 Lancaster Laboratories Sample No. SW

B-4-S-16-031120

NA

Soil

Facility# 93283

3005 Grove, Castro Valley NA

B-4

CETR

Collected:11/20/2003 15:53

by MT

Account Number: 10880

Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:11

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

B4 - 16

				As Received	,	
CAT			As Received	Method	•	Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.					
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1

State of California Lab Certification No. 2116

		Haboracory	CHLO	IIICIC		
CAT	Analysis				Dilution	
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/01/2003 08:39	Stephanie A Selis	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/29/2003 02:48	Marla S Lord	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 18:05	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:14	Dana M Kauffman	n.a.



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- ppb palacetilite

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U.S. EPA CLP Plate Debt William

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В	Abalyte was also esignted to the blank	Ž.,	Establica i compression
C	Pesticide result confirmed by GU/MS	$\hat{i}_i \hat{J}_i$	Dupasaic Injection proces on not met
D	Compound quantifated on a diluted sample	N	Spice cample not wetain control fimits
E	Conconitation exceeds the calibration range of	S	Method of evandatio additions (MSA) used
	the instrument		for pareulation.
M	 Presumptive evidence of a compound (TICs only) 	1, 3	Compound that is, I detected
p	Concert ration difference between primary and	VV	Post digestion system of of control limits
	confirmation columns > 25%	#i	Duplicate analysis not within control limits
U	Compound was not detected	٠ξ,	Correlation coefficient for MSA <0.995
X,Y,Z	Delinos brosse nagrative		

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

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Tests results relate only to the sample fested. Clients should be aware that a critical fine chambel or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the reproduced.

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Lancaster Laboratories Sample No. SW 4172079

B-4-S-20.5-031120

ÑΆ

Soil

Facility# 93283

3005 Grove, Castro Valley NA

B-4

Collected:11/20/2003 16:04

by MT

Account Number: 10880

Submitted: 11/25/2003 10:05

ChevronTexaco

CETR

Reported: 12/09/2003 at 19:11

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

B4205

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting lim The reported concentration of T gasoline constituents eluting p start time.	its were adjus PH-GRO does no	ted appropriatel t include MTBE o	y. or other		
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

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		Haboracory	OIII O	112020		
CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/01/2003 09:31	Stephanie A Selis	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	11/29/2003 03:19	Marla S Lord	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	11/28/2003 18:07	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:15	Dana M Kauffman	n.a.



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- \$ 0.000 miles
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- ppm out the first this convalent to one milligram pel divigency out on a convenient per million grams. For advanced to the convenient of being the period of the convenient of
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- Dry weight basis

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U.S. EPA CLP Date Shading

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D	Compound appointance or a diffued sample	N	Spike - make accoding control limits
	Concentration to read the calibration range of the instrument	6°.	Method of hishbord additions (MSA) used for habituation
N	Presumptive evidence of a compound (YiCs only)	IJ	Commercial was a conservation
p	Concentration difference instruces primary and	W	Prop. dignesion opins on tot portrol limits
	confirmation telumns 5/2/3%	A;	Duplicate as stysis are within control limits
U	Comported tysh bot excepted	4.	Correlation coefficient for MSA <0.995
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Analytical test results for methods fisted on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the including configure.

Measurement uncorrainte values las applicable, are available upon request.

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4172080 Lancaster Laboratories Sample No.

B-4-S-30.5-031120

NA

Soil

Facility# 93283

CETR

3005 Grove, Castro Valley NA

B-4

Collected:11/20/2003 16:22

by MT

Account Number: 10880

Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:11

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

B4305

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting lim The reported concentration of T gasoline constituents eluting p start time.	its were adjus PH-GRO does no	ted appropriatel t include MTBE o	y. r other		·
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1.01
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1.01
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01

State of California Lab Certification No. 2116

		Laboratory	CHLO	nicle		
CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/01/2003 22:29	Deborah S Garrison	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	12/03/2003 15:29	Roy R Mellott Jr	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	12/03/2003 11:08	Joshua P Schaeffer	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:16	Dana M Kauffman	n.a.



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>	gravin in		

eshbated within 1 hs, result falls within the Method Describer 2007 (40% species 10%) had beginning (LOQ). في

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ppb part subtraction

Dry weight basis Desella areas This has died have been adjusted for mulisture medical. Well it is eased in analyte weight concern as a manager of the factoritie present in a smillar complement of the first characterists are reported Graduate Contract Contraction

U.S. EPA CLP Date Control

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B	Anstropiank	63	Entimated out to anniversus
\mathbf{c}	Posticide assumenting ad by GC/MS	iV_{i}	Duplicate injection prepared to tract
(1)	Comports a statistical on a diluted sample	N	Spike acomple not within control emits
E	Concentration exceeds the calibration range of	8	Mothed or standard world be a (MbA) used
	the instrument		for calculation
M	 Presumption of high of a compound (TICs only) 	L.	Compound was and deviced
p	Concentrations to seekbe between primary and	W	Post digestion spitte out of a lattre limits
	confirmation defects a 25%	tt	Duplicate analysis not writin control limits
U	Compound was not obtacted	-1-	Correlation coefficient for MSA k0.995
Y.Z	Defined in case receive		

Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless. otherwise noted under the individual shallysis.

Measurement uncertainty walkers as applicable, are available upon request.

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Lancaster Laboratories Sample No. SW 4172081

NA

B-5-S-11-031121

Soil

by MT

Facility# 93283

CETR

3005 Grove, Castro Valley NA

B-5

Collected:11/21/2003 13:11

Account Number: 10880

Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:11 Discard: 01/09/2004

6001 Bollinger Canyon Rd L4310

San Ramon CA 94583

B5-11

				As Received				
CAT			As Received	Method		Dilution		
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor		
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25		
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.							
07360	BTEX+MTBE by 8260B							
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1		
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1		
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1		
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1		
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1		

State of California Lab Certification No. 2116

CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/01/2003 23:07	Deborah S Garrison	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	12/04/2003 08:44	Marla S Lord	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	12/03/2003 21:47	Marla S Lord	n.a.
01150	GC VOA Soil Prep	sw-846 5035	1	11/26/2003 14:17	Dana M Kauffman	n.a.





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U.S. EPA CLP Date Challenger

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O	Convicert quantitated on a ciluled sample	β\j	Spike sa now not water control limits
E	Concentration range of	5	Method of univisid additions (MSA) used
	the instrument		for calculatio
N	 Presumptive unlesses of a compound (FICs only) 	: 5	Compound on the set set acted
p	Concentration difference between primary and	\mathcal{M}	Post dicestral imits on el centrel limits
	compressor volumno 25%	<	Ouplicate amovsishow within control limits
U	Compound was not detected	Ą.	Correlation cos/ligion; for MSA <0.995
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Analytical test results for methods listed on the laboratories' accreditation scope medical regularizations of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

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Lancaster Laboratories Sample No. SW 4172082

B-5-S-21-031121

NA

Soil

Facility# 93283

3005 Grove, Castro Valley NA

B-5

CETR

Collected:11/21/2003 13:20

by MT

Account Number: 10880

Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:11

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

B5-21

				As Received			
CAT			As Received	Method		Dilution	
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor	
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25	
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
07360	BTEX+MTBE by 8260B						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99	
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99	
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99	
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99	
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99	

State of California Lab Certification No. 2116

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CAT No. 01725	Analysis Name TPH-GRO - Soils	Method N. CA LUFT Gasoline method	Trial# 1	Analysis Date and Time 12/01/2003 23:45	Analyst Deborah S Garrison	Dilution Factor 25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	12/04/2003 09:15	Marla S Lord	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	12/03/2003 21:49	Marla S Lord	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:18	Dana M Kauffman	n.a.



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- ppb parts der diffon

Dry weight basis

Gesetts providender this beading have been adjusted for moisture content. The provides the analyte weight consonable to appreciative the value present in a similar sample whereit points or the other results are reported on the area to leave.

U.S. EPA CLP Date Organisms

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A	TIC to a possible radebackness watton product	В	Value is at Stuty but MDD
В	Apply-place of so decord in the blank	E	tual us our note to interference
\mathbf{C}	Posticide result commisse by GC/MS	ħ4	Duglicars Injection precision not met
D	Compound quantitated on a diluted sample	M	Spike sample not within control limits
E	Concontration exceeds the calibration range of	C,	Method of standard additions (MSA) used
	the astroment		for calculation
N	Presumptive syldence of a compound (TICs only)	U	Corrected was not detected
Р	Gonconfration difference between primary and	W	Prost digestion spike had of chetroi limits
	confirmation columns 525%	女	Dublicere analysis not within control limits
U	Compound was not detected	-}-	Currelation coefficient for MSA < 0.995
X,Y,Z	Defined in case nameline		

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Lancaster Laboratories Sample No. SW 4172083

B-5-S-26-031121

NA Soil

by MT

Facility# 93283

CETR

3005 Grove, Castro Valley NA

B-5

Collected:11/21/2003 13:23

5-5

Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:11

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

Account Number: 10880

B5-26

CAT			As Received	As Received Method		Dilution		
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor		
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25		
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.							
07360	BTEX+MTBE by 8260B							
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1		
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1		
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1		
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1		
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1		

State of California Lab Certification No. 2116

		Барогасогу	CILU.	TITCIE		
CAT Analysis						Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/02/2003 00:22	Deborah S Garrison	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	12/04/2003 03:34	Anastasia Papadoplos	1
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	12/04/2003 02:16	Anastasia Papadoplos	n.a.
01150	GC VOA Soil Prep	sw-846 5035	1	11/26/2003 14:19	Dana M Kauffman	n.a.





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- > (3705)71111
- Jestimar system. The result falls within the Method Detection Limit (DMI) and this confidence (LOQ).
- ppm parts not robber a Consequent to one milligrem beta-diagram (modely) and in sparse million grams. For another the part of permitted with the equivalent to milligrams betaline for a consequent of water has a weight very besence a clogram. For gases or vapors, one points are transmitted as a configuration of gas per liter of gas.
- ppb parts por helitar
- Dry weight basis and a clerithis hoading have been adjusted for moisture corresed. This is assess the analyte weight concernation to the province of the value present in a similar sample with a concernation of the results are reported on an exercise of the first concernation.

U.S. EPA CLP Date Create it.

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D	Compount quantitated on a diluted sample	N	Spike armple not warm carrol limits
E	Concentration exceeds the calibration range of	5	Method of standard schools (MSA) used
	the listingers		fer calculation
N	Presumptive selectors of a compound (TICs only)		Compound was whilds acted
P	Concentration of the see between primary and	W	Post digestion upike to a control limits
	confirmation in uses ~25%	*	Duplicate analysis no silina control limits
U	Completion was not detected	4-1	Correlation coefficient of AIBA <0.995
X,Y,Z	Defination case negrative		

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Analysis Report



Page 1 of 1

Lancaster Laboratories Sample No. SW 4172084

B-5-S-30.5-031121

NA Soil

Facility# 93283

CETR

3005 Grove, Castro Valley NA

B-5

Collected:11/21/2003 13:27

by MT

Account Number: 10880

Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:11

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

B5305

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25
	The analysis for volatiles was in methanol. The reporting lim The reported concentration of T gasoline constituents eluting p start time.	its were adjus PH-GRO does no	ted appropriately t include MTBE o	y. r other		
07360	BTEX+MTBE by 8260B					
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99

State of California Lab Certification No. 2116

		naboratory	CIII.O.	117070		
CAT		·		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/02/2003 01:00	Deborah S Garrison	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	12/04/2003 04:52	Anastasia Papadoplos	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	12/04/2003 02:21	Anastasia Papadoplos	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:20	Dana M Kauffman	n.a.





The following defined on the models and abbreviations used in modeling the models and a second

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- reserved in the content of analyte which can be a first content of analyte which can be a first content of analyte specific test.
- > Quality (8)
- Jestional division The result falls within the Method Detection First Table 2 was product the sutitation (LOQ).
- ppm of the process of the ppm is equivalent to one milligram person of the registration of the ppm is usually taken to be equivalent to milligram over the registration of the reference one liter of water has a strength of the registration. For gases or vapors, one ppositration is a strength of the registration of gas per liter of gas.
- ppb such perbload

Dry weight basis

Howelfe process and architecting have been adjusted for moisters on them. This is reseased the analyte weight no materials are reported to a second-materine value process in a similar season of a more results are reported to a construction.

U.S. EPA CLP Day Considers

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Α	TIC in the medic ardol condensation product	13	Value 5 (4.171), 562, 205
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C	Postagos (Autiliconfirmed by GO/MS	M	Duplicare allection precision not met
D	Consciound or antitated on a diluted sample	N	Spike sampin not within control limits
E	Concentration exceeds the calibration range of the instrument	E3	Method of seandard additions (MSA) used
N	Presumptive evidence of a compound (TICs only)	IJ	for descustion Compound ryas not derected
P	Genuchita is neithference between primary and	W	Post Classifon spike out to control limits
	confirmation columns >25%	¥r	Duplicate analysis not within control limits
U	Compared was not detected	-\$-	Correlation coefficient for MSA <0.995
Y 7	Defined in case parrative		

Analytical test results for methods listed on the laboratories' accreditation scope recet of requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request

Tests results related only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. It you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the ignoratory.

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Lancaster Laboratories Sample No. SW 4172085

B-6-S-11-031121

NA

Facility# 93283

CETR

3005 Grove, Castro Valley NA

B-6

Collected:11/21/2003 14:20

by MT

Soil

Account Number: 10880

Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:11

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

B6-11

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection	Units	Dilution Factor	
МО.	MIGLYSIS Name	CAS Number	Nesul C	Limit	OHICS	ractor	
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25	
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
07360	BTEX+MTBE by 8260B						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99	
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99	
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99	
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99	
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99	

State of California Lab Certification No. 2116

Edbord Corr Circuit Cic							
CAT				Analysis		Dilution	
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor	
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/02/2003 01:38	Deborah S Garrison	25	
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	12/04/2003 05:18	Anastasia Papadoplos	0.99	
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	12/04/2003 02:23	Anastasia Papadoplos	n.a.	
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:21	Dana M Kauffman	n.a.	



The following defines the first of the state abbreviations used in reporting received that is

	in the state of th	E	Roce (44 din joy fine of tasin e b ave) Most Peoblebic (v. mills
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ខានិ	State of the limited	<u>(: </u>	microlling)

- ics than The number all being the sign is the <u>limit of quantitation</u>, the strades area. All shapping which can be refer to a refer to sent this specific test.
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- I especially that regree is no repart falls within the Method Octobic. Cinit fracting and Limit or Especialistics (LOQ).
- ppm care set the contract of representation one milligram per libergram along a later of a per million grams. For equal to see a suppose usually taken to be equivalent to military members to another constitution of gas per liter of gas.
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Dry weight basis

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U.S. EPA CLP Date from the

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F	Progryptives a country and the blank	li:	Established if the comparison are
\mathcal{C}	Feshiologist to war eaby GC/MS	1	Duphose vikation precision not met
D	Opengound by whater, so a diluted sample	N	Spike pample not within control limits
[E.]	Concentration succeeds the calibration range of the instrument	\$ P.	Methon of standard additions (MSA) used for coloration
N	Eresumptive code and of submpound (TICs only)	Į.	Cemporard was not detected
P	Concentration of Foreign between primary and	W	Post eigentica suine out of control limits
	confirmation and invests 25%	蒙	Ouplicate analysis not witted control limits
U	Compound was not delected	-\$-	Correlation coefficient for MSA <0.995
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Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the intividual analysis.

Measurement uncenainty lictims, as applicable, are available upon request.

Tests results relate only to the nample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the pample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. It you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Analysis Report



Page 1 of 1

4172086 Lancaster Laboratories Sample No. SW

B-6-S-21-031121

NA

B-6

CETR

Facility# 93283

Soil

3005 Grove, Castro Valley NA

by MT

Account Number: 10880

Collected:11/21/2003 14:27 Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:11

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

B6-21

				As Received			
CAT			As Received	Method		Dilution	
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor	
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25	
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
07360	BTEX+MTBE by 8260B						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	0.99	
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	0.99	
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	0.99	
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	0.99	
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	0.99	

State of California Lab Certification No. 2116

CAT		<u> </u>		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/04/2003 13:48	Martha L Seidel	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1	12/04/2003 05:44	Anastasia Papadoplos	0.99
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	12/04/2003 02:25	Anastasia Papadoplos	n.a.
01150	GC VOA Soil Prep	sw-846 5035	1	11/26/2003 14:22	Dana M Kauffman	n.a.





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rn G	·····································	11)	mioroliter (a)

- reself see the meaning allowing the sign is the <u>limit of quantitation</u>, the smallest product of analyte which can be reflably from the effective specific test.
- > QT60 (187)
- Journal of the State of the pagest falls within the Method Detection Limit (MDL) and Limit of Quantitation (LOQ).
- ppm parts the time The gain is equivalent to one milligram per kilogram (equivalent consequence) acquired to permissionality taken to be equivalent to milligrams per ster (royll). Secrets one liter of water has a weight the first to be a tileocard. For gases or vapors, one ppm is equivalent to be a tileocard for gas per liter of gas.
- ppb pattern 515

Dry weight basis

Results on the formation heading have been adjusted for moisture consecutive forceses the analyte weight consecutive to the content the value present in a similar semple without tradespot. All other results are reported to the content to a said.

U.S. EPA CLP Today Comments

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A	TIC sea prishe skidewskindensation product	E	Value is <chc1 out="">IDL</chc1>
3	Answer we attracted to in the blank	E	Estimated due to mente ance
6	Mesik Richtsul increimmed by GC/MS	ī/I	Duplicate injection precision not met
D	Competing conditions on a diluted sample	N	Spike sample not within control limits
E	Concentration in seeds the delibration range of	S	Method of standard additions (MSA) used
	the instrumers		for calculation
N	Presumption in some of a compound (TICs only)		Compound was not detected
p	Concentration difference between primary and	W	Post digestion spike out of control limits
	confirmation communic >25%	*	Duplicate analysis not within control limits
U	Compound was not defeated	4.	Correlation coefficient for MSA < 0.995
X,Y,Z	Defined in the control live		

Analytical test results for montrois listed on the laboratories' accreditation scope meet all recomments of NELAC unless otherwise noted under the including analysis.

Measurement uncertainly assess as applicable, are available upon request.

Tests results relate or it is a sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the propose. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held respectable (or sample integrity, however, unless sampling has been performed by a member of our staff. This report shall now the reproduced except in full, without the written approval of the laboratory.

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Lancaster Laboratories Sample No. SW 4172087

B-6-S-31-031121

NΑ

Soil

Facility# 93283

3005 Grove, Castro Valley NA

B-6

CETR

Collected:11/21/2003 14:40

by MT

Account Number: 10880

Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:11

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

B6-31

CAT			As Received	As Received Method		Dilution	
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor	
01725	TPH-GRO - Soils	n.a.	N.D.	1.0	mg/kg	25	
	The analysis for volatiles was performed on a sample which was preserved in methanol. The reporting limits were adjusted appropriately. The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time.						
07360	BTEX+MTBE by 8260B						
02016	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.001	mg/kg	1.01	
05460	Benzene	71-43-2	N.D.	0.001	mg/kg	1.01	
05466	Toluene	108-88-3	N.D.	0.001	mg/kg	1.01	
05474	Ethylbenzene	100-41-4	N.D.	0.001	mg/kg	1.01	
06301	Xylene (Total)	1330-20-7	N.D.	0.001	mg/kg	1.01	

State of California Lab Certification No. 2116

Laboratory Chronicle

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CAT				Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01725	TPH-GRO - Soils	N. CA LUFT Gasoline method	1	12/04/2003 14:25	Martha L Seidel	25
07360	BTEX+MTBE by 8260B	SW-846 8260B	1.	12/04/2003 06:10	Anastasia Papadoplos	1.01
00374	GC/MS VOA Soil Prep	SW-846 5030A	1	12/04/2003 03:05	Anastasia Papadoplos	n.a.
01150	GC VOA Soil Prep	SW-846 5035	1	11/26/2003 14:23	Dana M Kauffman	n.a.





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- result of the Parameter for which sign is the <u>limit of quantilegen</u>, the emailest amount of analyte which can be rested to the rested of the specific test.
- Programme To
- decreases and a society of the rose of each within the Method Detection and California for Earlie Quantification (LOQ).
- part country is the consequivalent to one milligram perking one maybe one gram per million grams. For kquee of the consequivalent to be equivalent to military one per iter (mg/l), incoause one liter of water has a weight of a first one Weight of the part weight of the one without the gas per liter of gas.
- ppb removal den-
- Dry weight Caustic 1917, it does this because have been adjusted for moistral entered in this in treases the analyte weight basis. From the entered in a similar sample versual months. All other results are reported

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U.S. EPA CLP Excellent

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Į-s	ance, or the electric effective that Hank	(*)	Esthagte, due le piterterence
G	Place the collection and correlated by GIDAVES	M	Dupicale injection precision not met
O	Competition contrased on a diffuted cample	N	Spiks sample not within control limits
Face Lane	Opndentio (+) a repede th e calibration range of The instrument	G	Method of swindard additions (MSA) used for objectation
N	 Plassurophin cardy acquire of a compound (TIOs only) 	IJ	Compound was not detected
17	Consumbled in Macronce between primary and	₩	Post digestion spike out of control limits
	contratados e cumas o 25%	放	Ouplieurs analysis not within control limits
ارية	Composite vet his delected	-}-	Correlation coefficient for MSA <0.995
$(\mathbf{Y}\mathcal{I})$	Opficed a case increases		

Analytical test results for an index listed on the laboratories' accreditation scope meet bill requirements of NELAC unless otherwise noted under the moundary state.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample footed. Clients should be aware that a critical step to a chamical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be secreduced except in full, without the written approval of the laboratory.

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Lancaster Laboratories Sample No. 4172088

B-1-W-45-031120

Grab

Water

CETR

Facility# 93283

3005 Grove, Castro Valley NA

B-1

Collected:11/20/2003 00:00

Account Number: 10880

Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:11

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

B1-45

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	9.	0.5	ug/l	1
05401	Benzene	71-43-2	1.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

Trip blank vials were not received by the laboratory for this sample group. State of California Lab Certification No. 2116

Laboratory Chronicle

CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/28/2003 13:01	Steven A Skiles	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	12/01/2003 23:24	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/28/2003 13:01	Steven A Skiles	n.a.
01163	GC/MS VOA Water Prep	SW~846 5030B	1	12/01/2003 23:24	Elizabeth M Taylor	n.a.



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U.S. EPA CLP Data Charles

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\mathbb{D}	Compound at an its ower we disided sample	N	Spike sampi- not within control limits
i ×	Concentration explanal telepation range of the pastrument	3	Method of prohoaird additions (MSA) used for calculation
į.J	Presumptive avidence of a compound (TICs only)	t.j	Compound was not the smed
P	Concentration offices to elbeaveen primary and	141	Post digestion spike out of control limits
	confirmation octures 1985%	Æ	Duplicate analysis not within control limits
U	Compound wat Holideted	:4·	Correlation coefficient for M5/4 < 0.995
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Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the includual smoysis.

Measurement uncertainty vascins, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be represented except in full, without the written approval of the reportatory

WARRANTY AND LIMITS OF COURTY - In accepting analytical work, we warrent the accuracy of test insults for the sample as submitted. THE FOREGOING EXPTESS MARCHANN IS EXCLUSIVE AND IS GIVEN IN LIEU OF ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED. WE DISCLARA AND DISCLARA OF INCIDENTAL DAMAGES INCLUDING BUT NOT LIMITED TO. DAMAGES FOR LOSS OF PROFIT OR GOODWID REGISTED AND OF INCIDENTAL DAMAGES INCLUDING BUT NOT LIMITED TO. DAMAGES FOR LOSS OF PROFIT OR GOODWID REGISTED LANCASTER LABORATORIES AND (B) WHEN THE LANCASTER LABORATORIES HAS BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. We accept no legal resumblished for the purposes for which the client upgas the test results. For ourchase order or other order for work shall be accepted by Lancaster Laboratories which includes any conditions (13) vary from the Standard Terms and Conditions of Lancaster Laboratories and we beauty object to any conflicting terms contained in any acceptance or olds, rubmitted by client.



Lancaster Laboratories Sample No. 4172089

Grab

B-2-W-45-031120

Water

by MT

Facility# 93283

CETR

3005 Grove, Castro Valley NA

B-2

Collected:11/20/2003 00:00

Account Number: 10880

Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:11

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

B2 - 45

				As Received		
CAT			As Received	Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TPH-GRO does not include MTBE or other gasoline constituents eluting prior to the C6 (n-hexane) TPH-GRO range start time. A site-specific MSD sample was not submitted for the project. A LCS/LCSD was performed to demonstrate precision and accuracy at a batch level.					
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	13.	0.5	ug/l	1
05401	Benzene	71-43-2	3.	0.5	ug/l	1
05407	Toluene	108-88-3	2.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	0.8	0.5	ug/l	1

Trip blank vials were not received by the laboratory for this sample group. State of California Lab Certification No. 2116

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Laboratory	7 ('hr∩nī	cle
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CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01728	TPH-GRO ~ Waters	N. CA LUFT Gasoline Method	1	11/28/2003 14:45	Steven A Skiles	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	12/01/2003 23:46	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/28/2003 14:45	Steven A Skiles	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/01/2003 23:46	Elizabeth M Taylor	n.a.





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D	Compound commuted in a diluted sample	N	Spike simple act also control limits
Œ	Concentration is opened the calibration range of	3	Method of standard are frame (MSA) used
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	confirm, han desamas s 25%	4	Duplicate analysis is traffing control limits
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Analytical test results for a stands listed on the laboratories' accreditation scope meet all recomments of NELAC unless otherwise noted under the schedule analysis.

Measurement uncertain a voit est as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a changed or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative or the pulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of policyting samples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the tanceretory.

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4172090 Lancaster Laboratories Sample No.

B-3-W-55-031120

Grab Water

by MT

Facility# 93283

CETR

3005 Grove, Castro Valley NA

B-3

Collected:11/20/2003 00:00

Account Number: 10880

Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:11

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

B3-55

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters The reported concentration of TP	n.a.	N.D.	50.	ug/l	1
06054	gasoline constituents eluting present time. A site-specific MSD sample was reasonable was performed to demonstrate present the state of	ot submitted f	for the project.	A LCS/LCSD		
	- -					1
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

Trip blank vials were not received by the laboratory for this sample group. State of California Lab Certification No. 2116

		Laboratory	' Chro	nicle		
CAT		_		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/28/2003 15:22	Steven A Skiles	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	12/02/2003 00:09	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/28/2003 15:22	Steven A Skiles	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/02/2003 00:09	Elizabeth M Taylor	n.a.



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C	Pesticide result occidend by GCAVS	Νή	Dunicars impolicy procision not met
D	Compound quantifated on a diluted sample	N	Spike sumple not within control limits
E	Concentration exceeds the cathration range of	3	Method of standard additions (MSA) used
	the instrument		for calculation
M	Presumptive avidance of a compound (TICs only)	U	Compared has not descared
Р	Concentration difference between primary and	W	Port diaucilish spike but di control limits
	confirmation poliumns >25%	÷	Duplicate analysis not within control limits
U	Compound was not detected	4,	Correlation coefficient for MSA <0.995
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Analytical test results for methods listed on the laboratories' accreditation scope meet all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical respire a chemical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of ocheologisemples, please contact us. We cannot be held responsible for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be reproduced except in full, without the written approval of the laboratory.

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Lancaster Laboratories Sample No. 4172091

B-4-W-36-031120

Grab Water

Facility# 93283

CETR

3005 Grove, Castro Valley NA

B-4

Collected:11/20/2003 00:00 by MT

ChevronTexaco

Submitted: 11/25/2003 10:05 Reported: 12/09/2003 at 19:11

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

Account Number: 10880

B4 - 36

CAT			As Received	As Received Method		Dilution
No.	Analysis Name	CAS Number	Result	Detection Limit	Units	Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of TI gasoline constituents eluting prostart time. A site-specific MSD sample was reward to demonstrate process.	rior to the C6	(n-hexane) TPH-G for the project.	RO range A LCS/LCSD		
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

Trip blank vials were not received by the laboratory for this sample group. State of California Lab Certification No. 2116

Laboratory Chronicle

CAT		-		Analysis		Dilution
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/28/2003 15:59	Steven A Skiles	1
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	12/02/2003 00:31	Elizabeth M Taylor	1
01146	GC VOA Water Prep	SW-846 5030B	1	11/28/2003 15:59	Steven A Skiles	n.a.
01163	GC/MS VOA Water Prep	SW-846 5030B	1	12/02/2003 00:31	Elizabeth M Taylor	n.a.





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- ppb band anglind
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	the instrument		for damylation
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Þ	Concentration difference between primary and	W	Post digression solled mail operated limits
	confirmation of limits 5.25%	ric .	Ouplicate shalysis here the control limits
U	Compound was indicated	·	Correlation adofficient to take 4 < 6.995
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Analytical test results for methods loaded on the laboratories' accreditation some meet all requirements of NELAC unless otherwise noted under the incividual scalyais.

Measurement uncertainty values, as applicable, are available upon request.

Tests results relate only to the sample tested. Clients should be aware that a critical step in a chamical or microbiological analysis is the collection of the sample. Unless the sample analyzed is truly representative or the bulk of material involved, the test results will be meaningless. If you have questions regarding the proper techniques of code sing camples, please contact us. We cannot be held responding for sample integrity, however, unless sampling has been performed by a member of our staff. This report shall not be approduced except in full, without the written approval of the test oration.

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4172092 Lancaster Laboratories Sample No. WW

Grab

B-5-W-31-031120

Water

Facility# 93283

CETR

3005 Grove, Castro Valley NA

B-5

Collected:11/20/2003 00:00

by MT

Account Number: 10880

Submitted: 11/25/2003 10:05

ChevronTexaco

Reported: 12/09/2003 at 19:11

6001 Bollinger Canyon Rd L4310

Discard: 01/09/2004

San Ramon CA 94583

B5-31

CAT No.	Analysis Name	CAS Number	As Received Result	As Received Method Detection Limit	Units	Dilution Factor
01728	TPH-GRO - Waters	n.a.	N.D.	50.	ug/l	1
	The reported concentration of Tigasoline constituents eluting postart time. A site-specific MSD sample was a was performed to demonstrate pre-	rior to the C6 not submitted 1	(n-hexane) TPH-G for the project.	RO range A LCS/LCSD		
06054	BTEX+MTBE by 8260B					
02010	Methyl Tertiary Butyl Ether	1634-04-4	N.D.	0.5	ug/l	1
05401	Benzene	71-43-2	N.D.	0.5	ug/l	1
05407	Toluene	108-88-3	N.D.	0.5	ug/l	1
05415	Ethylbenzene	100-41-4	N.D.	0.5	ug/l	1
06310	Xylene (Total)	1330-20-7	N.D.	0.5	ug/l	1

Trip blank vials were not received by the laboratory for this sample group. State of California Lab Certification No. 2116

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CAT		-	Analysis				
No.	Analysis Name	Method	Trial#	Date and Time	Analyst	Factor	
01728	TPH-GRO - Waters	N. CA LUFT Gasoline Method	1	11/28/2003 16:36	Steven A Skiles	1	
06054	BTEX+MTBE by 8260B	SW-846 8260B	1	12/02/2003 00:54	Elizabeth M Taylor	1	
01146	GC VOA Water Prep	SW-846 5030B	1	11/28/2003 16:36	Steven A Skiles	n.a.	
01163	GC/MS VOA Water Prep	sw-846 5030B	1	12/02/2003 00:54	Elizabeth M Taylor	n.a.	





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Dry weight basis

Fig. (8) promined to exterm beading have been adjusted for matching and only the approximation and expensive analyte weight convenience for approximate the value present in a similar sumple value. In the proximation of the value present in a similar sumple value.

U.S. EPA CLP Late of the con-

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C	Pesticine result continued by GC/MS	$e\mathcal{H}$	Ouplice: Factor precision not met
D	Compound quantitated on a diluted sample	N	Spike sample for within control limits
Ε	Connection expeeds the calibration range of	(m)	Wethorf of signaland additions (MSA) used
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N	 Presumptive sylderics of a compound (YICs only) 	()	Compound we in desected
þ	Concentration difference between primary and	W	Post digostrol delike out of control limits
	confirmation columns >25%	*	Duplicate analysis not within control limits
U	Compound * as not detected	4.	Correlation coefficient for MSA < 0.995
X,Y,Z	Defined in case narrative		

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Quality Control Summary

Client Name: ChevronTexaco

Group Number: 876323

Reported: 12/09/03 at 07:11 PM

Laboratory Compliance Quality Control

Analysis Name	Blank Result	Blank MDL	Report <u>Units</u>	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Max
Batch number: 03329A33B TPH-GRO - Soils	Sample N.D.	number(s):	4172064-41 mg/kg	72067,417 97	2069-41720	72 62-128		
Batch number: 03329A53B TPH-GRO - Waters	Sample N.D.	number(s): 50.	4172088-41 ug/l	72092 92	91	70-130	1	30
Batch number: 03334A33A TPH-GRO - Soils	Sample N.D.	number(s):	4172068,41 mg/kg	72073-417 81	2076,41720	78-4172085 62-128		
Batch number: 03334A33B TPH-GRO - Soils	Sample N.D.	number(s):	4172077 mg/kg	81		62-128		
Batch number: 03338A34A TPH-GRO - Soils	Sample N.D.	number(s): 0.9	4172086-41 mg/kg	72087 95		62-128		
Batch number: D033301AB Methyl Tertiary Butyl Ether Benzene Toluene Ethylbenzene	N.D. N.D. N.D.	number(s): 1. 1. 1.	ug/kg ug/kg ug/kg ug/kg	115 109 98 102		75-125 83-118 81-116 82-115		
Xylene (Total) Batch number: D033351AB	N.D. Sample	1. number(s):	ug/kg 4172080	104		82-117		
Methyl Tertiary Butyl Ether Benzene Toluene Ethylbenzene Xylene (Total)	N.D. N.D. N.D. N.D.	1. 1. 1. 1.	ug/kg ug/kg ug/kg ug/kg ug/kg	114 113 99 102 103		75-125 83-118 81-116 82-115 82-117		
Batch number: D033371AB Methyl Tertiary Butyl Ether Benzene Toluene Ethylbenzene Xylene (Total)	Sample N.D. N.D. N.D. N.D.	number(s): 1. 1. 1. 1. 1.	4172081-41 ug/kg ug/kg ug/kg ug/kg ug/kg	72082 99 102 105 106 106		75-125 83-118 81-116 82-115 82-117		
Batch number: P033352AA Methyl Tertiary Butyl Ether Benzene Toluene Ethylbenzene Xylene (Total)		number(s): 0.5 0.5 0.5 0.5 0.5		72092 94 95 94 94 100		77-127 85-117 85-115 82-119 84-120		
Batch number: X033381AA Methyl Tertiary Butyl Ether Benzene Toluene		number(s): 1. 1.	-			75-125 83-118 81-116		•

*- Outside of specification

(1) The result for one or both determinations was less than five times the LOQ.

(2) The background result was more than four times the spike added.





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- Jesument of the Property of the Assult fals within the Method Detection Lines (which assert the Method Quantitation (LOQ).
- ppm sake as a face. Consign a equivalent to one milligram per sliegar in face by some per million grams. For appearance on the continuous some per million grams are the continuous one liter of water has a weight very liter managem. Son gases or vapors, one point to enter the continuous officer of gas per liter of gas.
- ppb partings harver
- Dry weight basis

Place Register and the selfing have been adjusted for a clasure of the self-reases this analyte weight consent in a similar sample, sometimes the self-results are reported on a self-result asset of the value present in a similar sample, sometimes the self-results are reported on a self-result.

U.S. EPA CLP Data Truncher

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C	Pastalice restriction from the GC/MS	h/l	Daplicase infection resolution not met
D	Compound quantitated and diluted sample	₽√£	Splike se uple not within control limits
E	Concentration expeeds the calibration range of the instrument	S	Method of star-ford andibons (MSA) used for calculation
N	Presumprise evidence, of a compound (TICs only)	1.5	Compound were and desected
P	Chronitiating difference between primary and	16,	Post digestion spike and of control limits
	confinaction octumes > 25%	ż	Deplicate sualysis not within control limits
U	Compound was not detected	-5-	Correlation coefficient for MSA <0.995
X,Y,Z	Defined in case numative		

Analytical test results for methods listed on the laboratories' accreditation scope meat all requirements of NELAC unless otherwise noted under the individual analysis.

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RPD Max

Quality Control Summary

Client Name: ChevronTexaco

Group Number: 876323

Reported: 12/09/03 at 07:11 PM

Laboratory Compliance Quality Control

Analysi	s Name	!
Ethylbe	nzene	
Xylene	(Total	.)

Blank	Blank	Report	LCS	LCSD	LCS/LCSI
Result	MDL	Units	%REC	%REC	<u>Limits</u>
N.D.	1.	ug/kg	108		82-115
N.D.	1.	ug/kg	106		82-117

Sample Matrix Quality Control

	MS	MSD	MS/MSD		RPD	BKG	DUP	DUP	Dup RPD
Analysis Name	%REC	%REC	Limits	RPD	MAX	Conc	Conc	RPD	Max
Batch number: 03329A33B TPH-GRO - Soils	Sample 85	number 81	(s): 4172064 39-118	4-41720 4	67,417: 30	2069-4172072	2		
Batch number: 03329A53B TPH-GRO - Waters	Sample 108	number	(s): 4172088 63-154	8-41720	92				
Batch number: 03334A33A TPH-GRO - Soils	Sample 68	number 74	(s): 4172069 39-118	8,41720 8	173-417. 30	2076,417207	3-4172085		
Batch number: 03334A33B TPH-GRO - Soils	Sample 68	number 74	(s): 417207° 39-118	7 8	30				
Batch number: 03338A34A TPH-GRO - Soils	Sample 79	number 77	(s): 417208 39-118	6-41720 3	187 30				
Batch number: D033301AB Methyl Tertiary Butyl Ether Benzene Toluene Ethylbenzene Xylene (Total)	Sample 101 92 82 83 87	number 103 94 85 89 91	(s): 417206 57-136 52-141 53-137 50-136 47-139	4-41720 4 5 6 8 6	30 30 30 30 30 30				
Batch number: D033351AB Methyl Tertiary Butyl Ether Benzene Toluene Ethylbenzene Xylene (Total)	Sample 114 103 91 94	number 114 103 92 95 96	(s): 417208 57-136 52-141 53-137 50-136 47-139	0 0 0 1 1	30 30 30 30 30				
Batch number: D033371AB Methyl Tertiary Butyl Ether Benzene Toluene Ethylbenzene Xylene (Total)	Sample 94 99 99 98 97	96 94 94 94 94 93	(s): 417208 57-136 52-141 53-137 50-136 47-139	1-41720 1 5 6 5 5	30 30 30 30 30 30				·
Batch number: P033352AA	Sample	e number	(s): 417208	8-41720	092				

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.





The following defends to the analysis of American bloom victions used in recording records of control

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- Institute the number following the sign is the limit of quantitation, the number selected of analyte which can be relicable that the this specific test.
- > gream than
- J astimated wave a The result talks within the Method Detection Limit (MDL) and Load Detection (LOQ).
- ppm parts per real of Cho pprofix equivalent to one milligram per kilogons (angrey) because one gar million grams. For aqueous tiqued, ppm is usually taken to be equivalent to milligrams per little (e.g.ft) has a use one liter of water has a weight very shoot to a kilogram. For gases or vapors, one ppm is equited and one of coefficient of gas per liter of gas.
- ppb parts per billion

Dry weight basis

Results placed to derable heading have been adjusted for moisture, content. This process the analyte weight concentration approximate the value present in a similar sample without moisture. All other results are reported out an advance was passed.

U.S. EPA CLP Data Oustillas.

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В	Analyte viasining detailed in the blank	E	Estimated duri to interference
C	Posticirie result confirmed by GC/MS	\$\/s	Duplicate injection precision not met
D	Compound quanthated on a diluted sample		Spike sample not within control limits
E	Concentration exceeds the calibration range of the instrument	S	Method of standard additions (MSA) used for calculation
N	Presumptive evidence of a compound (TICs only)		Compound was not detected
P	Concentration difference between primary and	W	Post digestion spike out of control limits
	confirmation columns >25%	*	Duplicate analysis not within control limits
U	Compound vies not detected	4.	Correlation coefficient for MSA < 0.995
X,Y,Z	Defined in case panative		

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Page 3 of 6

Quality Control Summary

Client Name: ChevronTexaco

Group Number: 876323

Reported: 12/09/03 at 07:11 PM

Sample Matrix Quality Control

	MS	MSD	MS/MSD		RPD	BKG	DUP	DUP	Dup RPD
Analysis Name	%REC	%REC	Limits	RPD	<u>MAX</u>	Conc	Conc	RPD	<u>Max</u>
Methyl Tertiary Butyl Ether	94	94	69-134	0	30				
Benzene	102	100	83-128	1	30				
Toluene	101	102	83-127	1	30				
Ethylbenzene	99	101	82-129	2	30				
Xylene (Total)	104	106	82-130	1	30				
Batch number: X033381AA	Sampl	e number	(s): 41720	83-41720)87				
Methyl Tertiary Butyl Ether	102	89	57-136	14	30	•			
Benzene	106	105	52-141	1	30				
Toluene	109	106	53-137	4	30				
Ethylbenzene	106	104	50-136	2	30				
Xylene (Total)	105	101	47-139	4	30				

Surrogate Quality Control

Analysis Name: TPH-GRO - Soils

Batch number: 03329A33B

Trifluorotoluene-F

4172064	76				
4172065	85				
1172066	90				
4172067	84				
4172069	82				
4172070	86				
4172071	91				
4172072	94				
Blank	94				
LCS	90				
MS	85				
MSD	84				

Limits: 71-122

Analysis Name: TPH-GRO - Waters

Batch number: 03329A53B

Trifluorotoluene-F

4172088	82
4172089	79
4172090	79
4172091	79
4172092	80
Blank	76

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.



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The following defines a transfer overbody and abstraviations used in reporting the bases of goal.

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- decoration and some states of the solution of the Method Detection at initial time and the solution of the Method Detection at the solution at the solution of the solution at - ppm past that the refers term is equivalent to one milligram per stegation of the country per million grams. For any term is legated as usually taken to be equivalent to milliantains per sterm, read, forcers one liter of water has a weight nery to the kilogram. For gases or vapors, one points continued in the continued of gas per liter of gas.
- ppb parts on this a
- Dry weight basis Control of the cont

U.S. EPA CLP Data in amjorati

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C	reference text the continued by GC/MS	M	Duplicate has see pracision not met
D	Coraç atmai quanditates on a diluted sample		Spiles salepte not within control limits
E	Concentration exceeds the calibration range of the instrument	Ç.	Method of standard additions (MSA) used for calculation
N	Fresh lipution evidence of a compound (TiCs only)	IJ	Compound was not daily sted
b	Concernation difference between primary and	W	Post digasima selice out of control fimits
	com restien celumos >25%	**	Duplicate analysis not within control limits
U X,Y,Z	Compound was not detected Defined in case nacative	+}	Correlation coefficient to INSA <0.995

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marriage. Bloom Statemen.

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Page 4 of 6

Quality Control Summary

Client Name: ChevronTexaco Group Number: 876323 Reported: 12/09/03 at 07:11 PM Surrogate Quality Control LCS 85 LCSD 87 96 MS Limits: 57-146 Analysis Name: TPH-GRO - Soils Batch number: 03334A33A Trifluorotoluene-F 4172068 79 4172073 81 4172074 82 4172075 80 4172076 86 4172078 88 4172079 85 4172080 4172081 76 4172082 79 4172083 79 4172084 73 4172085 74 92 Blank LCS 84 78 MS MSD 77 Limits: 71-122 Analysis Name: TPH-GRO - Soils Batch number: 03334A33B Trifluorotoluene-F 4172077 11* 90 Blank LCS 84 78 MS 77 MSD Limits: 71-122 Analysis Name: TPH-GRO - Soils Batch number: 03338A34A Trifluorotoluene-F 4172086 95 4172087 97 106 Blank 103 LCS

*- Outside of specification

MS

92

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.



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The following define the many the same subtractions used in reporting the same as

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- > 900 000
- $J=\exp\{i(n)\}$ is the master falls within the Method Detection Unit (Self-Linear, Line) is Swanfeldton (LOO).
- ppm: pack and the consistent of one milligram peckling and in place and permillion grams. For active one against a packing an expenditure of water has a west place and a page of the page
- ppb passyr bleet

Dry weight basis

Beside the second of the reading have been adjusted for recision, content of the received an analyte weight content to the proof of the value present in a similar sample with a procedure of the results are reported to the second of the content of

U.S. EPA CLP Day 1 1910 per

	Children		विषयित पुरस्कारका विवेधनमध्ये एक
A.	TIC is a protsing profile and ensation product	13	Value is <cndl, aidt<="" lut="" th=""></cndl,>
13	Answire was a spin on even to the blank	1.7	Estrophed due to proviscence
C	Residence result to the result by GC/MS	M	Duplicate injection precision not mer
D	Compound quantitates on a diluted sample	N	Spike sample not within a lot of finite
Ë	Concentration exceeds the calibration range of	53	Method of standard additions (MSA) used
	the instruction		for calculation
M	Presumptive evidence of a compound (TICs only)	()	Compound was not detected
p	Ochoon scrop difference between primary and	W	Post digestion splike out of control limits
	continuation columns > 25%	#	Duplicate analysis not within control limits
U	Compound the not extended	٠.	Correlation coefficient for MSA <0.995
X,Y,Z	Defined in case narrative		

Analytical test results for methods listed on the laboratories' accreditation scope most all requirements of NELAC unless otherwise noted under the individual analysis.

Measurement uncertainty values, as applicable, are available upon request.

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Quality Control Summary

Client Name: ChevronTexaco

Group Number: 876323

Reported: 12/09/03 at 07:11 PM

Surrogate Quality Control

MSD

94

Limits:

71-122

Analysis Name: BTEX+MTBE by 8260B

	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzen
4172064	96	84	81	85
4172065	96	82	82	85
4172066	96	84	81	84
4172067	97	85	81	84
4172068	97	82	82	84
4172069	96	81	80	83
4172070	97	83	81	85
4172071	98	82	83	85
4172072	98	82	81	84
4172073	98	84	82	85 .
4172074	97	83	81	83
4172075	96	82	82	83
4172076	99	85	80	84
4172077	97	84	81	84
4172078	97	83	81	83
4172079	97	83	82	84
Blank	94	86	81	85
LCS	95	84	84	88
MS	95	89	84	88
MSD	95	85	85	88
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+MTBE by 8260B

Batch numb	per: D033351AB Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4172080	86	82	87	79
Blank	86	81	85	79
LCS	91	85	83	88
MS	92	86	84	89
MSD	93	85	84	90
Limits:	70-129	70-121	70-130	70-128

Analysis Name: BTEX+MTBE by 8260B

Batch numb	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4172081	88	81	86	78
4172082	88	80	86	. 77
Blank	86	84	95	73
LCS	84	83	89	82

*- Outside of specification

- (1) The result for one or both determinations was less than five times the LOQ.
- (2) The background result was more than four times the spike added.





The following do have the control of the control of the control of the following do have the following down do have the following
N.D.	Line in regard	BMCL	Refer the service Organization Level
TNTC	For the property of the	MPN	Medi Probalis Mumber
131	Halia dan deserti dan	GP Units	onbait one-existinate suits
umhos/cm	min temperatura	NYU	nabher, rail, e. f. inn Aguertar
C	degreen fakt in	į."	n dagres filt in kullett
meq	the factor of the control of the con	lti.	por other
Ģ		kg	- Kilogram (s)
นตู	randrug Williams	កាចូ	ា ហើញ ែន ម៉ាត
m	enville 194 et	†	Mercus
m3	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	ŧ. ŝ.	microffer _{es} ,
۷,	ies and the more following the other, and allowing the order		antitation are smallest or ward of analyte which can be
⇒ ·	1992 - 19		
.1	least commune in the result will will	har the Method Detec	tion Limit with pand that of figantitation (LOQ).
pp m	i aquest e aciden ppor allucually taker	n to be equivalent to r	per kliogram (1997) or one gram per million grams. For nilligrams, confirm (n.g/), because one liter of water has a ppm is now taken to one microfire of gas per liter of gas.
ppb	person of the x		
Dry weight	the fitting a file of individues heading he	eve been adjusted for	molstera content. This must assorbe analyte weight

norms, and the contract that value present in a similar sample value of the Ariether results are reported

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basis

	Progress Resiliations		Arrest Cases et la Stata et algebras
Æ.	lift. № 7 - cv - tue stoot combonsation product	G	Veluo is a CERPL and SelfL
E\$	Analytic visit is well-detected to the blank	E	Estimated duc to interference
6.	Paymine result us simped by GC/MS	M	Duplicate injection precision not met
D	Compliante qualificateu on a diluted sample	N	Spike sample act within control limits
E	Specialization crosseds the calibration range of	5	Mothod of standard additions (MSA) used
	ne midanshi		for calculation
N	 Presented is a stated of a compound (TICs only) 	U	Composition was not detected
	Concert in the difference between primary and	M/	Post digestion spike out of control limits
	confirmation columns >25%	ă. T	Duplicate analysis not within control limits
Ü	Domonand was suit detected		Correlation coefficient for MSA <0.995
Y.Z	Defined in case nutrative		

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Measurement undertainthe values, as applicable, are available upon request.

Tests results relate daily to the cample rested. Clients should be aware that a critical crap in a chemical or microbiological analysis is the collection of the cample. Unless the sample analyzed is truly representative of the bulk of material involved, the test results will be meant given if you have questions regarding the proper techniques of collecting samples, please contact us. We cannot be hold accomplishe for sample integrity, however, unless sampling has been performed by a member of our staff. This report show not be reproduced except in full, without the written approval of the laboratory.

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70-128



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Quality Control Summary

	ame: ChevronTexaco : 12/09/03 at 07:11		roup Number: 876323	
vebor ceo	. 12/05/05 ac 07:11		ality Control	
MS	86	85	89	80
MSD	86	83	89	80
Limits:	70-129	70-121	70-130	70-128
	ame: BTEX+MTBE by 8260B			
Batth numu	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4172088	93	92	98	88
4172089	93	93	98	86
4172090	92	93	97	86
4172091	92	94	98	88
4172092	93	92	98	86
Blank	94	93	98	88
LCS	96	93	96	89
MS	96	95	99	90
MSD	95	93	98	88
Limits:	81-120	82-112	85-112	83-113
Analysis N	Jame: BTEX+MTBE by 8260B			
Batch numk	er: X033381AA			
	Dibromofluoromethane	1,2-Dichloroethane-d4	Toluene-d8	4-Bromofluorobenzene
4172083	97	93	101	93
4172084	100	91	99	92
4172085	97	90	100	91
4172086	96	89	100	90
4172087	96	90	100	91
Blank	98	92	100	93
LCS	97	99	99	96
MS	96	89	101	97
MSD	95	90	101	94

70-130

*- Outside of specification

70-129

Limits:

(1) The result for one or both determinations was less than five times the LOQ.

70-121

(2) The background result was more than four times the spike added.





The following defines the large and the abbreviations used in reporting learner to date:

N.D. TNTC	edné vypřívne Tapiní med med najpana	BMCL MPN	Selow Nuninum Orland Hon Level Most Probable Number
IL!	International conv	CP Units	cobait chieropictinate - Re
umhos/cm	microsym in unit	NTU	neghalo seanc basanny desta
C	ंट ्र १ असे 10 ीत		degress Ferrannell
meq	CHARLES TO COLUMN	(z).	pound(s)
ġ.	କୁ ଟେ ଏ୯୬	kg	kilogram(E)
ug	MYCHOLO CITATIA	mg	milligram(s)
mi	miii tigat	ş.	iii(s) (s)
m3	Outball (1915)	No.	microliter(s)

- less that The senter following the sign is the <u>limit of quantitation</u> the smallest detect of analyte which can be reliable the result of an extra positio test.
- > gresser aut-
- Josephinem of the court falls within the Method Detection Limit (MDF) and I but after a satitation (LOQ).
- ppm parks the like a long repair is equivalent to one milligram per kilogram (mg/kg) because one million grams. For aqueous flower against a usually taken to be equivalent to milligrams per liter (mg/k) because one liter of water has a weight very theorem a thiograms. For gases or vapors, one ppm is equivalent to one microliter of gas per liter of gas.
- ppb parts or become
- Dry weight basis

Restrictly also condensationading have been adjusted for moisture content. The reconstances the analyte weight conservable in a similar sample without moisture. All other results are reported or the condensation.

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	也不是是自己的。 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		toorgane: Aluaniters
A	TIO in a portable older condensation product	B	Value is <crol, big="">IOL</crol,>
В	Analytic east stop or sisted in the blank	E	Estimated que lo interference
C	Pesticide readificationed by GC/MS	M	Duplicate injection precision net met
D	Compound quantitated on a diluted sample	N.	Spike sample not within control fimits
E	Concernation exceeds the calibration range of	S	Method of standard additions (MSA) used
	the instructor		for calculation
N	Presemblive ovidence of a compound (TICs only)	U	Compound was not detected
\$***	Concedtrath : difference between primary and	W	Post digestion spike cut of control limits
	confirmation columns >25%	#1	Duplicate analysis not within control fimits
U	Compound was not detected	-1-	Correlation coefficient for MSA <0.995
X,Y,Z	Defined in case narrative		

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ATTACHMENT C

Drilling Permit



ALAMEDA COUNTY PUBLIC WORKS AGENCY

WATER RESOURCES SECTION 399 ELMHURST ST. HAYWARD, CA. 94544-1395 PHONE (510) 670-6633 James Yoo FAX (510) 782-1939

PERMIT NO. W03-1016

WATER RESOURCES SECTION GROUNDWATER PROTECTION ORDINANCE B#I-GENERAL CONDITIONS: GEOTECHNICAL & CONTAMINATION BOREHOLES

- 1. Prior to any drilling activities shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that Federal, State, County or to the City and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained.
- 2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
- 3. 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 statues 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 wok is being
- 4. Permit is valid only for the purpose specified herein November 19 to November 20, 2003. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.
- 5. Drilling Permit(s) can be voided/ canceled only in writing. It is the applicants responsibilities to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued
- 6. 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.