

RECEIVED

By loprojectop at 9:25 am, Apr 17, 2006

April 13, 2006

Mr. John Rigter
Livermore-Pleasanton Fire Department
Hazardous Materials Inspector
3560 Nevada Street
Pleasanton, California 94566

Re: **Used-Oil Underground Storage Tank and Product Piping Removal and Compliance Sampling Report**

Former Standard Oil Service Station, Chevron Site #30-4291
3884 First Street
Livermore, California



Dear Mr. Rigter:

On behalf of Chevron Environmental Management Company (Chevron), Cambria Environmental Technology, Inc. (Cambria), is submitting documentation of the removal of a used-oil underground storage tank (UST) at the above referenced site (Figure 1). Presented below are site background, UST removal activities, compliance sampling and analytic results, and an unauthorized release report.

SITE BACKGROUND

The site is a former gasoline service station, occupying a triangular shaped lot at the intersection of Portola Avenue and First Street in Livermore, California. Local topography is relatively flat, gradually sloping toward the southeast, at an approximate elevation of 520 ft above mean sea level (Figure 1). The surrounding area is comprised of commercial properties to the south, east and west and residential properties to the north and further west.

In February 2006, Cambria conducted a remedial excavation to remove residual petroleum hydrocarbon-impacted soil. On March 8, 2006, a previously unknown used-oil UST was discovered on the south central portion of the site in the vicinity of boring B-2 (Figure 2). This UST appears to have been associated with the first-generation service station facilities. Additionally, product lines and vent lines associated with the second generation USTs were discovered.

**Cambria
Environmental
Technology, Inc.**

5900 Hollis Street
Suite A
Emeryville, CA 94608
Tel (510) 420-0700
Fax (510) 420-9170

UST, VENT AND PRODUCT LINE REMOVAL

The UST was discovered during excavation of impacted soil identified and defined by previous investigations. The 4-foot diameter, 350-gallon used-oil UST was approximately half full of a thick, black sludge. The top of the tank was punctured by the back hoe during excavation activities. However, none of the tank contents spilled as a result of this. No additional holes were observed in the tank. Tank removal photographs are included as Attachment A.

Excavation activities were immediately halted after discovery of the tank. Alameda County Environmental Health Services (ACEHS) and Livermore-Pleasanton Fire Department (LFPD) were called and advised of the discovery. ACEHS's Mr. Jerry Wickham informed Cambria that the tank removal oversight was the jurisdiction of the LFPD.

Mr. John Rigter of the LFPD observed tank, vent and product line removal activities. The tank contents were vacuumed out and the inside of the tank was cleaned with pressurized water. The water was then vacuumed out and dry ice was inserted into the tank. The oxygen level and lower explosive limit were monitored until they had reduced to acceptable levels and the tank was removed and transported to a Chevron-approved disposal facility under EPA ID number CAC002601166. Approximately 600 lbs of debris (used-oil tank and piping) and 200 gallons of product mixed with water were disposed. Waste manifests and the Underground Tank Closure Checklist are included as Attachment B.

COMPLIANCE SAMPLING

After tank removal, and under the direction of LFPD, one regulatory compliance sample was collected from beneath the UST, one sample was collected from beneath the product line, and three samples were collected from beneath the vent lines. The samples were trimmed, capped with Teflon tape and plastic end caps, labeled, placed on ice, and transported under chain-of-custody to McCampbell Analytical of Pacheco, California, a state-certified analytical laboratory, for 24-turnaround.

The UST sample was analyzed for the following:

- Polynuclear Aromatic Hydrocarbons (PAHs) by EPA method 8270D;
- Polychlorinated Biphenyls (PCBs) by EPA method 8082A;

- LUFT 5 Metals by EPA method 6010C;
- Total petroleum hydrocarbons as oil and grease with silica gel cleanup by EPA method 5520;
- Volatile Organic Compounds (VOCs) by method 8260B;
- Total petroleum hydrocarbons as gasoline (TPHg) by method 8015;
- TPH as diesel (TPHd) by method 8015 with silica gel cleanup.



The product piping and vent line samples were analyzed for the following:

- Benzene, Toluene, Ethylbenzene and Xylenes (BTEX) by method 8260B;
- Total petroleum hydrocarbons as gasoline (TPHg) by method 8015;
- TPH as diesel (TPHd) by method 8015 with silica gel cleanup.

Analytic Results: Low concentrations of PAHs (anthracene, benzo (g,h,i) perylene, chrysene, fluoranthene, 1-methylnaphthalene, 2-methylnaphthalene, naphthalene, phenanthrene and pyrene) were detected. Chromium, lead, nickel and zinc were detected at 64 mg/kg, 43 mg/kg, 200 mg/kg and 45 mg/kg respectively. Total oil and grease was detected at 1,300 mg/kg. VOCs were detected with n-butyl benzene at 0.020 mg/kg, naphthalene at 0.036 mg/kg, n-propyl benzene at 0.011 mg/kg, 1,3,5-trimethylbenzene at 0.014 mg/kg, total xylenes at 0.018 mg/kg, sec-butyl benzene at 0.014 mg/kg and 1,2,4-trimethylbenzene at 0.0050 mg/kg. TPH-g and TPH-d were detected at 16 mg/kg and 170 mg/kg, respectively. PCBs were not detected above method reporting limits. Analyzed constituents were not detected above method reporting limits in samples collected beneath the product piping or vent lines. Copies of the laboratory analytic reports are presented as Attachment C.

UNAUTHORIZED RELEASE REPORT

Soil sample analytic results confirm the release of hydrocarbons in the vicinity of this first generation used-oil UST. An unauthorized release form was submitted to Livermore-Pleasanton Fire Department (Attachment D).

Soil exhibiting unusual staining or other evidence of hydrocarbon impact was excavated from the tank area. Excavation activities are detailed in Cambria's *Remedial Excavation Report*, dated April 14, 2006.



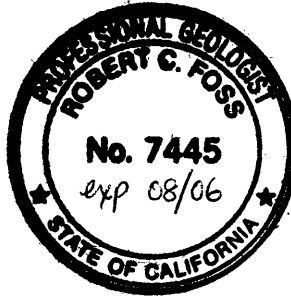
Please call Ms. Laura Genin at (510) 420-3367 if you have any questions or comments.

Sincerely,

Cambria Environmental Technology, Inc.

Laura Genin
Project Geologist

Robert Foss, P.G. #7445
Associate Geologist



Figures: 1 – Vicinity Map
2 – Site Plan

Attachments: A – Photographs
B – Waste Manifests and Underground Tank Closure Checklist
C – Laboratory Analytical Reports
D – Unauthorized Release Report

cc: STRATA (Mark Inglis, Chevron Products Company, 6001 Bollinger Canyon Road, K2256, San Ramon, CA, 94583)
Mr. Steven Cloudsley, Real Estate Consulting, 1561 Ramona Way, Alamo, CA 94507
Alameda County Database

FIGURES

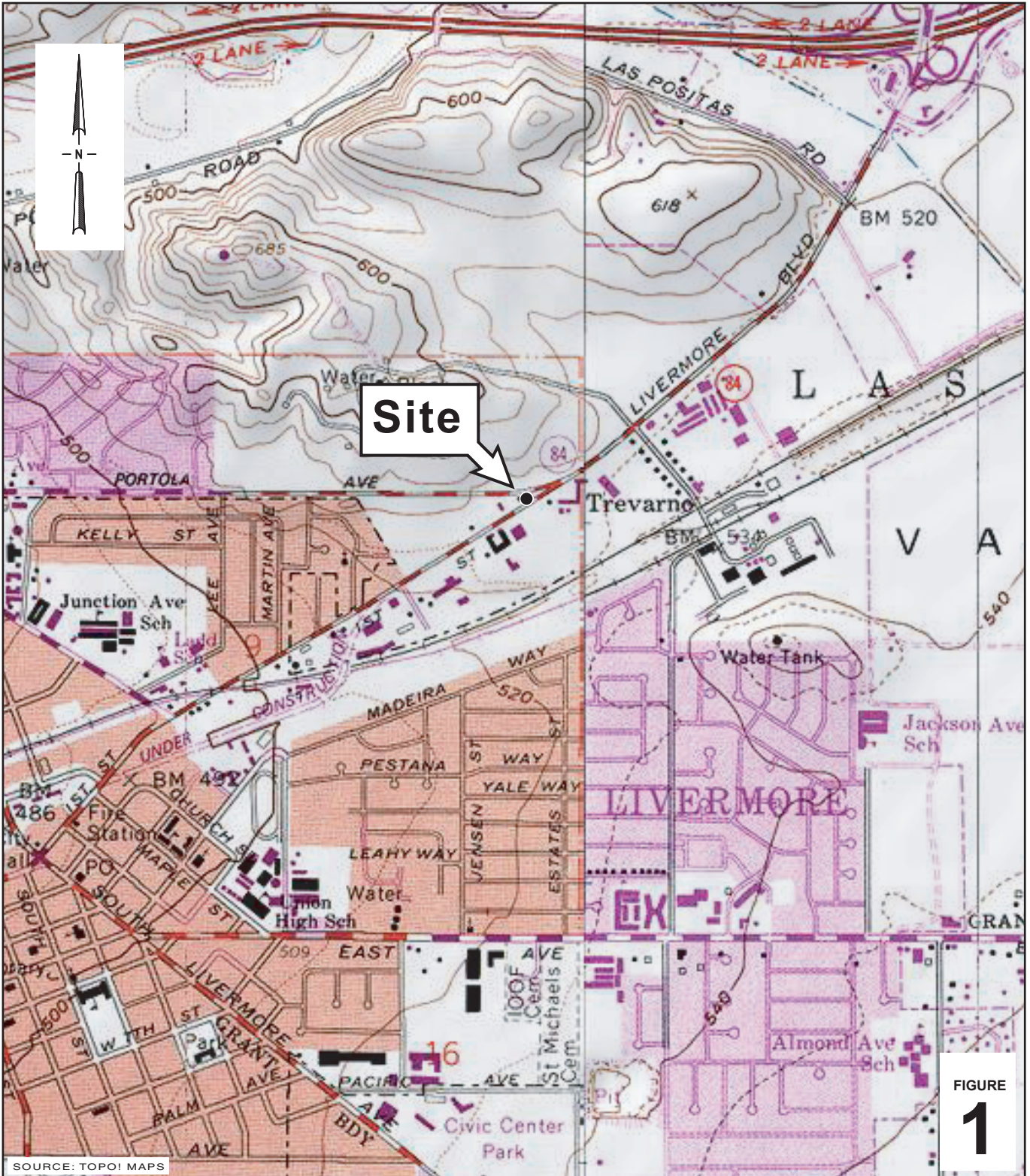


FIGURE 1

Former Standard Oil Service Station 9-0261 (Site No. 304291)

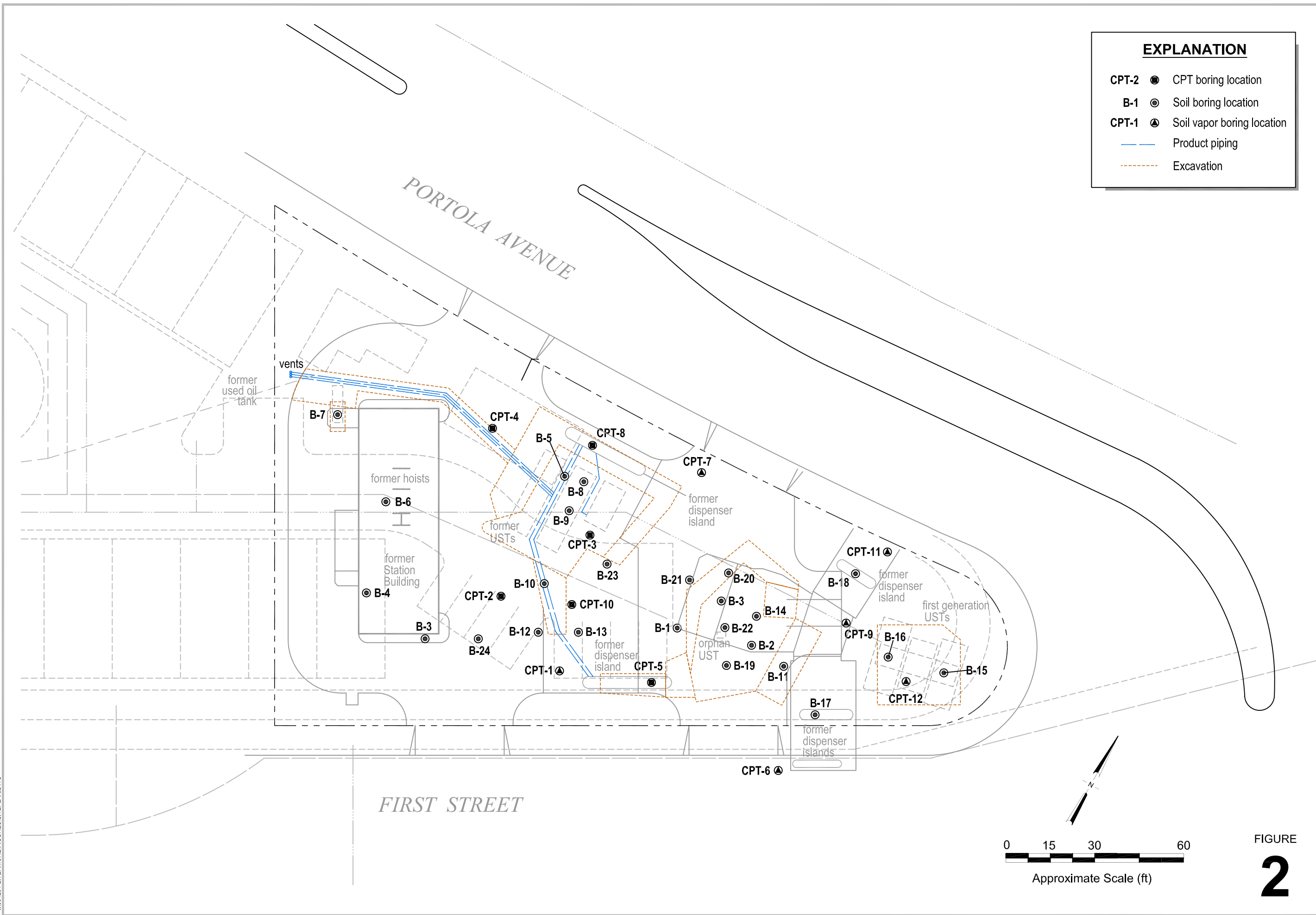
3884 First Street
Livermore, California



C A M B R I A

Vicinity Map

R:\304291.L\VERMORE\FIGURES\SITEPLAN.DWG



EXPLANATION

- CPT-2 ● CPT boring location
- B-1 ● Soil boring location
- CPT-1 ▲ Soil vapor boring location
- Product piping
- - - Excavation

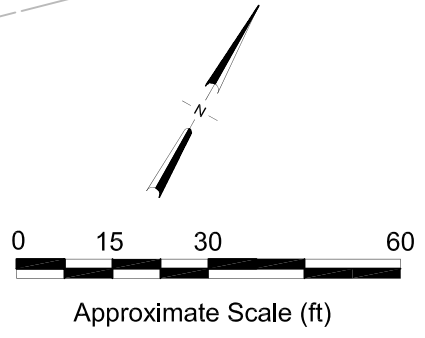


FIGURE
2

Site Plan with Proposed
Geoprobe Boring Locations



Former Standard Oil Service Station 9-0261
(Site No. 304291)

3884 First Street
Livermore, California

ATTACHMENT A

Photographs



Photograph #1: Tank being cleaned.



Photograph #2: Tank as it is being removed from the ground. The hole located at the top right corner was caused during excavation activities, prior to knowledge of the tank.



Photograph #3: Picture of the tank from the side.



Photograph #4: Tank being loaded into the waste bin for disposal offsite.



Photograph #5: Visible staining in soil around tank area.

ATTACHMENT B

Waste Manifests and Underground Tank Closure Checklist

24792342

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802. WITHIN CALIFORNIA, CALL 1-800-852-7550

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CA1C1002160V1166		Manifest Document No. 92342		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.					
3. Generator's Name and Mailing Address Chevron Products Company P.O. Box 6004 San Ramon, Ca 94583				A. State Manifest Document Number 24792342									
4. Generator's Phone (925) 842-5931				B. State Generator's ID									
5. Transporter 1 Company Name Ecology Control Industries				6. US EPA ID Number KAD98203101173		C. State Transporter's ID [Reserved.]							
7. Transporter 2 Company Name				8. US EPA ID Number		D. Transporter's Phone 570 235-1393							
9. Designated Facility Name and Site Address Romic Environmental 2081 Bay Road East Palo Alto Ca 94303				10. US EPA ID Number CA1D101945R65D		E. State Transporter's ID [Reserved.]							
				F. Transporter's Phone				G. State Facility's ID					
								H. Facility's Phone 650 324-1638					
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)		12. Containers		13. Total Quantity		14. Unit Wt/Vol		I. Waste Number					
a. COMBUSTIBLE LIQUID, N.O.S., NATA993 (OIL, SLUDGE)		001 TIT		002.00 g		g		State 223 EPA/Other NONE					
b.								State EPA/Other					
c.								State EPA/Other					
d.								State EPA/Other					
J. Additional Descriptions for Materials Listed Above Profile #334890 ER6#128 ECI Job #5273007				K. Handling Codes for Wastes Listed Above									
				a.		b.							
				c.		d.							
15. Special Handling Instructions and Additional Information Wear proper PPE Site Address 3884 1st St, Livermore, Ca													
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.													
Printed/Typed Name Fred McNeil				Signature [Signature]				Month 03		Day 08		Year 06	
17. Transporter 1 Acknowledgement of Receipt of Materials													
Printed/Typed Name HELSHEL COLLINS				Signature [Signature]				Month 03		Day 08		Year 06	
18. Transporter 2 Acknowledgement of Receipt of Materials													
Printed/Typed Name				Signature				Month		Day		Year	
19. Discrepancy Indication Space													
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.													
Printed/Typed Name				Signature				Month		Day		Year	

DO NOT WRITE BELOW THIS LINE.

DAY OR NIGHT

CERTIFICATE

TELEPHONE

CERTIFIED SERVICES COMPANY

(510) 235-1393

255 Parr Boulevard · Richmond, California 94801

CUSTOMER
CHEVRON
JOB. NO 52T3007

3884 1ST Street
Livermore, Ca

FOR: ECOLOGY CONTROL INC.

TANK NO · 32976

LOCATION: RICHMOND

DATE: 3/13/06 TIME: 3:45pm

TEST METHOD: VISUAL GASTECH/1314 SMPN

LAST PRODUCT WASTE OIL

This is to certify that I have personally determined that this is in accordance with the American Petroleum Institute and have found the condition to be in accordance with its assigned designation. This certificate is based on conditions existing at the time the inspection herein set forth was completed and is issued subject to compliance with all qualifications and instructions.

TANK SIZE · 350 GALLON

CONDITION: SAFE FOR FIRE

REMARKS: OXYGEN 20.9% LOWER EXPLOSIVE LIMIT LESS THAN 0.1% ECOLOGY CONTROL INDUSTRIES

HEREBY CERTIFIES THAT THE ABOVE NUMBERED TANK HAS BEEN CUT OPEN, PROCESSED

AND THEREFORE DESTROYED AT OUR PERMITTED HAZARDOUS WASTE FACILITY.

ECOLOGY CONTROL INDUSTRIES HAS THE APPROPRIATE PERMITS FOR AND HAS ACCEPTED

THE TANK SHIPPED TO US FOR PROCESSING.

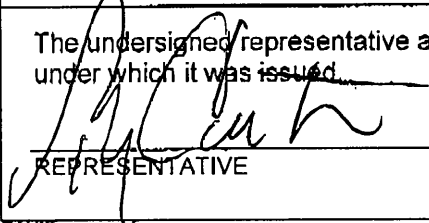
In the event of any physical or atmospheric changes affecting the gas-free conditions of the above tanks, or it in any doubt, immediately stop all hot work and contact the undersigned. This permit is valid for 24 hours if no physical or atmospheric changes occur

STANDARD SAFETY DESIGNATION

SAFE FOR MEN: Means that in the compartment or space so designated (a) The oxygen content of the atmosphere is at least 19.5 percent by volume; and that (b) Toxic materials in the atmosphere are within permissible concentrations; and (c) In the judgment of the Inspector's certificate.

SAFE FOR FIRE: Means that in the compartment so designated (a) The concentration of flammable materials in the atmosphere is below 10 percent of the lower explosive limit; and that (b) in the judgment of the Inspector, the residues are not capable of producing a higher concentration that permitted under existing atmospheric conditions in the presence of fire and while maintained as directed on the Inspector's certificate, and further, (c) All adjacent spaces have either been cleaned sufficiently to prevent the spread of fire, are satisfactorily inerted, or in the case of fuel tanks, have been treated as deemed necessary by the Inspector.

The undersigned representative acknowledges receipt of this certificate and understands the conditions and limitations under which it was issued.


REPRESENTATIVE

TITLE


INSPECTOR

24792297

IN CASE OF EMERGENCY OR SPILL, CALL THE NATIONAL RESPONSE CENTER 1-800-424-8802; WITHIN CALIFORNIA, CALL 1-800-852-7550

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. CACR00216011166		Manifest Document No. 92297		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.							
3. Generator's Name and Mailing Address Attn: Kathy Norris Chevron Products Company P.O. Box 6004 San Ramon, Ca				A. State Manifest Document Number 24792297											
4. Generator's Phone (925) 842-5931				B. State Generator's ID											
5. Transporter 1 Company Name Ecology Control Industries		6. US EPA ID Number CAD982030173		C. State Transporter's ID [Reserved.]											
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone 510 235-1393		E. State Transporter's ID [Reserved.]									
9. Designated Facility Name and Site Address ECOLGY CONTROL INDUSTRIES 255 PARR BOULEVARD RICHMOND CA 94801		10. US EPA ID Number CAD009466392		F. Transporter's Phone		G. State Facility's ID									
				H. Facility's Phone 510 235-1393											
11. US DOT Description (including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No. Type		13. Total Quantity		14. Unit Wt/Vol		I. Waste Number					
a. Non-RCRA, Hazardous Waste, Solid (EMPTY STORAGE TANK (S))				0101 TP 01000		P		P		State 512					
										EPA/Other NONE					
b.										State					
										EPA/Other					
c.										State					
										EPA/Other					
d.										State					
										EPA/Other					
J. Additional Descriptions for Materials Listed Above				K. Handling Codes for Wastes Listed Above											
a. QTY 1 Empty Storage Tank # <u>32976</u>				c.		a.		b.							
b.				d.		c.		d.							
15. Special Handling Instructions and Additional Information Wear appropriate protective equipment while handling. Weights or volumes are approximate. 24 hour emergency telephone number (800) 321-5479 (ECI Dispatcher). SITE ADDRESS: <u>3884 1st St Livermore, Ca</u> ECI Job #: <u>527 3007</u>															
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.															
Printed/Typed Name <i>Fred B. McManis</i>				Signature <i>Fred B. McManis</i>				Month 03		Day 08		Year 06			
17. Transporter 1 Acknowledgement of Receipt of Materials				Printed/Typed Name Greg Keitelich				Signature <i>Greg Keitelich</i>		Month 03		Day 08		Year 06	
18. Transporter 2 Acknowledgement of Receipt of Materials				Printed/Typed Name				Signature				Month Day Year			
19. Discrepancy Indication Space															
20. Facility Owner or Operator Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.															
Printed/Typed Name				Signature				Month		Day		Year			

DO NOT WRITE BELOW THIS LINE.

Tank Processing JOB #: 52T3007
TANK CERTIFICATION

***** PART 1 - To be completed by the Customer*****

CUSTOMER: Chevron GENERATOR: Chevron State Waste Codes: 512
LOCATION: Livermore EPA I.D.#: CAC 002 601 166 EPA Waste Codes: _____
TRANSPORTER: ECT MANIFEST #: 24792297

	TANK 1	TANK 2	TANK 3	TANK 4	TANK 5	TANK 6
TANK #:	<u>32976</u>	_____	_____	_____	_____	_____
CAPACITY:	<u>350g</u>	_____	_____	_____	_____	_____
DIAMETER:	<u>40"</u>	_____	_____	_____	_____	_____
LENGTH:	<u>4'</u>	_____	_____	_____	_____	_____
STEEL/GLASS:	<u>ST WJ</u>	_____	_____	_____	_____	_____
LAST CONTAINED:	<u>Waste Oil</u>	_____	_____	_____	_____	_____

LG = Leaded Gas, UG = Unleaded Gas, D = Diesel, UO = Used Oil, FO = Fuel Oil
Specify the material Last Contained if other than above.

LAND DISPOSAL RESTRICTION NOTIFICATION FORM

The waste represented on this manifest is not generated by a chemical manufacturing plant, coke-by product recovery plant of petroleum refinery. As such, it is not regulated under 40 CFR Part 61, Subpart FF (NESHAPS for Benzene Operations).

____ Pursuant to 40 CFR 268.7 I am notifying Ecology Control Industries that the material described by the above manifest is a nonwastewater, Non-RCRA solid hazardous waste and not currently subject to EPA Land Disposal Restrictions.

____ Pursuant to CCR 22 66268.7 I am notifying Ecology Control Industries that the material described by the manifest is a metal containing Non-RCRA solid hazardous waste (662683.29(g)), and an organics containing Non-RCRA solid hazardous waste (66268.29(k)). The treatment standards for these wastes have been repealed. This waste is no longer subject to land disposal restrictions.

I am an authorized agent/representative of the generator. I certify that all information submitted in this and associated documents is complete and accurate to the best of my knowledge. The tanks on the transport equipment have been numbered to correspond with the information provided above. In the event that the tanks do not correspond to the form, I will pay any and all costs incurred in rectifying the discrepancies between the tank(s) and the form. In the event that the tank(s) contain excessive solids or liquids, I agree to pay the cost of preparation, transportation and disposal/recycling of the excess material according to the schedule of charges in effect at the time of receipt of the tank(s). Further, I will not hold Ecology Control Industries responsible for any damage to tanks which occurs after the tanks are removed from the ground.

AUTHORIZED REPRESENTATIVE

SIGNATURE: _____

DATE: 03-08-06

PRINT NAME: THOMAS G. McMANIS

TITLE: Agent For

CHEVRON USA

Livermore-Pleasanton Fire Department
3560 Nevada St.
Pleasanton, CA 94566
(925) 454-2362 FAX: (925) 454-2367

UNDERGROUND TANK CLOSURE CHECKLIST

ECI Drivers:
 HERSCHEL COLLINS
 GREG KALLERICH

Business Name: HEURON PRODUCTS CO Date: 3/2/06
 Business Address: 3884 EAST ST, LIVERMORE # Tanks being removed: 1
 Tank #1 Size: 350 GAL Contents: USED/WASTE OIL
 Tank #2 Size: _____ Contents: _____
 Tank #3 Size: _____ Contents: _____
 Tank #4 Size: _____ Contents: _____

1. Tank closure permit has been obtained and is on site. Yes No - IN PROGRESS
 2. Any changes from approved closure plan? NOT APPROVED - IN PROGRESS - FILED W/ COL BUILDING DIV
 3. A 40 B:C fire extinguisher on site? Yes No
 4. A residual material removed from tank? Yes No ALL LIQUIDS
 If yes, have residuals been properly contained for off-site transport? Yes No
- Name of Facility and location: ECI - RICHMOND MANIFEST # 24792342 4 200 GAL
USED/WASTE OIL
5. Observed receipt for dry ice? Yes No

	#1	#2	#3	#4
Number of pounds of dry ice in each tank?	25			

6. Contractor has calibrated combustible gas detector *in presence of inspector*? Yes No
 Comments: DATED 3/16/06

7. Combustible gas readings/oxygen readings:
 Take three measurements, one near the top, center and bottom of tank and report the findings:

Tank #	# of Dry Ice	% LEL (top)	% LEL (mid)	% LEL (bottom)	% O ₂ (top)	% O ₂ (mid)	% O ₂ (bottom)	OK to remove?
1	25	0	0	0	5	5	5	✓
2								
3								
4								

Tank cannot be pulled if concentration of flammable vapors exceeds 20% of the LEL of the material in the tank or the oxygen concentration exceeds 5%.

8. After tank is removed, conditions of tank(s) and piping:
- | | | | | |
|---|--------|--------|--------|--------|
| | Tank 1 | Tank 2 | Tank 3 | Tank 4 |
| Any corrosion of holes? <u>- YES</u> | ✓ | | | |
| Was the tank wrapped? <u>ASBESTOS ONLY</u> | ✓ | | | |
| Any hydrocarbon vapors? <u>SLIGHT OIL POND</u> | ✓ | | | |
| Any discoloration of the soil in the tank pit or along piping trench? | | | | |

Composition of backfill and other observations: MIXED BASE ROCK, CLAY
FINES SAND

9. Was there evidence of contamination which would trigger the 24-hour release reporting requirements? Yes No
If yes, was a blank copy provided to site operator? Yes No

10. Has all obvious contamination been removed? Yes No

Describe details of approximately how much and where it will be disposed of? NOT Excavated
FOUNT YET

11. Is water observed in tank pit? Yes No If yes, a sample of the water must be taken.
Sample collected? Yes No N/A

12. Soil samples must be collected in the tank pit under each end of the tank, a minimum of two feet into native soil.

Soil samples were collected according to the closure plan. Yes No

Soil samples were collected under piping at 20 ft. intervals and/or fittings. Yes No

Samples of the stockpile were taken to determine disposal options. Yes No

N/A PART OF LOP EXCAVATION/REMOVAL PLAN
REF R00002611 (Amanda O. EN)

13. The samples were properly taken? Yes No

The samples were properly sealed and labeled. Yes No

The chain of custody form was observed to be properly completed? Yes No

The samples were placed in an iced chest? Yes No

Name and location of analytical laboratory MCGraw Hill Analytical LAB - FORT CO CA

14. The tank pit must be filled with soil or properly barricaded to prevent unauthorized access.

Was the tank pit filled with: new soil excavated backfill - OR -

Was the tank pit left open pending analytical results? Yes No

Was the tank pit covered/barricaded? Yes No

SITE FENCED

15. Tanks loaded onto hauler vehicle have identifying numbers spray painted on them? Yes No

#32976

IN HAZARDOUS BIN W/ PIPING (FROM PREVIOUS TANKS)

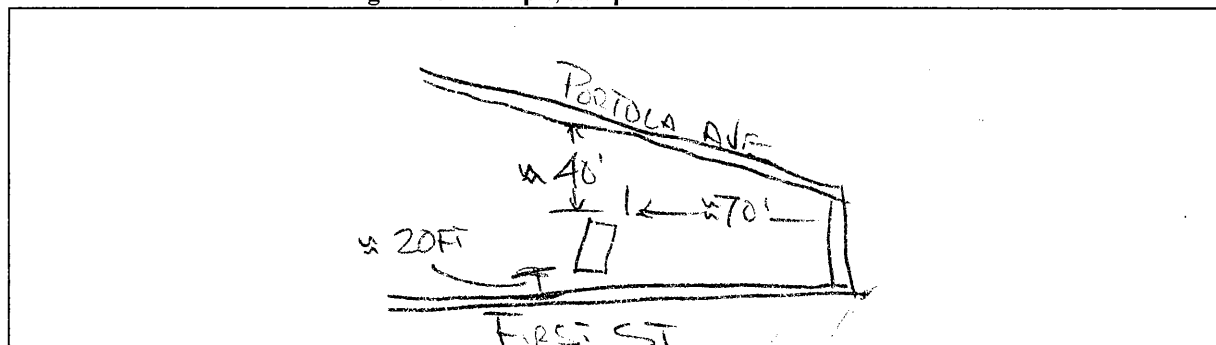
16. Hauler provides documentation of current certification as a hazardous waste hauler. Yes No

17. Manifest observed to be properly completed (name and address, EPA ID, hauler name, disposal site, signed and dated).

Name and address of disposal site: ECL - RICHMOND MAN. SITE # 24792297

18. Were all containers, residual materials, tanks and associated piping transported off site and manifested? Yes No

Diagram of tank pit, sample locations and ID



19. Tanks properly cleaned and certified if transported as non-hazardous waste? Yes No N/A

Signed: Laura Ann Laura Gwin Date: 3/3/06 Number of hours to complete: 4

Camelia Env, Representing Chevron

INSPECTOR: John RIGTER

ATTACHMENT C

Laboratory Analytic Reports

McC Campbell Analytical, Inc.



110 Second Avenue South, #D7
 Pacheco, CA 94553-5560
 (925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0603152

ClientID: CETE

EDF: NO

Report to:

Dan Glaze
 Cambria Env. Technology
 5900 Hollis St, Suite A
 Emeryville, CA 94608

TEL: (510) 420-0700
 FAX: (510) 420-9170
 ProjectNo: #304291-DG; 3884 First St. Livermore C
 PO:

Bill to:

Accounts Payable
 Cambria Env. Technology
 5900 Hollis St, Ste. A
 Emeryville, CA 94608

Requested TAT:

1 day

Date Received: **03/09/2006**

Date Printed: **03/09/2006**

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0603152-001	EX-3-1-5 5'	Soil	3/8/06 5:10:00 PM	<input type="checkbox"/>	B	A	A	A	A	A	A						

Test Legend:

1	1,4-DIOXANE_S	2	5520E_SG_S	3	8082A_PCB_S	4	8260B_S	5	8270D-PNA_S
6	G-MBTX_S	7	LUFT_S	8		9		10	
11		12							

The following SampID: 0603152-001A contains testgroup. Please make sure all relevant testcodes are reported. Many thanks.

Prepared by: Maria Venegas

Comments: 24hr Rush

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
 Telephone : 925-798-1620 Fax : 925-798-1622
 Website: www.mcccampbell.com E-mail: main@mcccampbell.com

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #304291-DG; 3884 First St. Livermore CA	Date Sampled: 03/08/06
	Client Contact: Dan Glaze	Date Received: 03/09/06
	Client P.O.:	Date Analyzed: 03/10/06
		Date Extracted: 03/09/06

1,4-Dioxane by P&T and GC/MS SIM Mode*

Extraction method: SW5030B

Analytical methods: SW8260B

Work Order: 0603152

Lab ID	Client ID	Matrix	1,4-Dioxane	DF	% SS
001B	EX-3-1-5 5'	S	ND	1	106

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	0.02	mg/kg

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



McC Campbell Analytical, Inc.

110 2nd Avenue South, #D7, Pacheco, CA 94553-5560
Telephone : 925-798-1620 Fax : 925-798-1622
Website: www.mcccampbell.com E-mail: main@mcccampbell.com

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #304291-DG; 3884 First St. Livermore CA	Date Sampled: 03/08/06
	Client Contact: Dan Glaze	Date Received: 03/09/06
	Client P.O.:	Date Extracted: 03/09/06
		Date Analyzed: 03/09/06

Petroleum Oil & Grease with Silica Gel Clean-Up*

Analytical methods: SM5520E/F

Work Order: 0603152

Lab ID	Client ID	Matrix	OG	DF	% SS
0603152-001A	EX-3-1-5 5'	S	1300	1	N/A

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	50	mg/Kg

* water samples and all TCLP & SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in mg/wipe, product/oil/non-aqueous liquid samples in mg/L.

DF = dilution factor (may be raised to dilute target analyte or matrix interference).

surrogate diluted out of range or not applicable to this sample.

g) sample extract repeatedly cleaned up with silica gel until constant IR result achieved; h) a lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) results are reported on a dry weight basis.



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	Client Contact: Dan Glaze	Date Received: 03/09/06
	Client P.O.:	Date Analyzed: 03/09/06

Polychlorinated Biphenyls (PCBs) Aroclors by GC-ECD*

Extraction Method: SW3550C

Analytical Method: SW8082A

Work Order: 0603152

Lab ID	0603152-001A			Reporting Limit for DF =1	
Client ID	EX-3-1-5 5'				
Matrix	S				
DF	1				S

Compound	Concentration				mg/kg	ug/L
Aroclor1016	ND				0.025	NA
Aroclor1221	ND				0.025	NA
Aroclor1232	ND				0.025	NA
Aroclor1242	ND				0.025	NA
Aroclor1248	ND				0.025	NA
Aroclor1254	ND				0.025	NA
Aroclor1260	ND				0.025	NA
PCBs, total	ND				0.025	NA

Surrogate Recoveries (%)

%SS:	110			
Comments	o			

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or surrogate coelutes with another peak.

(a) PCB aroclor 1016; (b) PCB aroclor 1221; (c) PCB aroclor 1232; (d) PCB aroclor 1242; (e) PCB aroclor 1248; (f) PCB aroclor 1254; (g) PCB aroclor 1260; (h) a lighter than water immiscible sheen/product is present; (i) liquid sample that contains >~1 vol. % sediment; (j) sample diluted due to high organic content; (k) p,p,- is the same as 4,4,-; (l) florisil (EPA 3620) cleanup; (m) silica-gel (EPA 3630) cleanup; (n) elemental sulfur (EPA 3660) cleanup; (o) sulfuric acid permanganate (EPA 3665) cleanup; (r) results are reported on a dry weight basis; (p) see attached narrative.



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Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #304291-DG; 3884	Date Sampled: 03/08/06
	First St. Livermore CA	Date Received: 03/09/06
	Client Contact: Dan Glaze	Date Extracted: 03/09/06
	Client P.O.:	Date Analyzed: 03/10/06

Volatile Organics by P&T and GC/MS (Basic Target List)*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0603152

Lab ID	0603152-001A
Client ID	EX-3-1-5 5'
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	Acrolein (Propenal)	ND	1.0	0.05
Acrylonitrile	ND	1.0	0.02	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	0.020	1.0	0.005	sec-Butyl benzene	0.014	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	2-Chloroethyl Vinyl Ether	ND	1.0	0.01
Chloroform	ND	1.0	0.005	Chloromethane	ND	1.0	0.005
2-Chlorotoluene	ND	1.0	0.005	4-Chlorotoluene	ND	1.0	0.005
Dibromochloromethane	ND	1.0	0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.005
1,2-Dibromoethane (EDB)	ND	1.0	0.005	Dibromomethane	ND	1.0	0.005
1,2-Dichlorobenzene	ND	1.0	0.005	1,3-Dichlorobenzene	ND	1.0	0.005
1,4-Dichlorobenzene	ND	1.0	0.005	Dichlorodifluoromethane	ND	1.0	0.005
1,1-Dichloroethane	ND	1.0	0.005	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.005
1,1-Dichloroethene	ND	1.0	0.005	cis-1,2-Dichloroethene	ND	1.0	0.005
trans-1,2-Dichloroethene	ND	1.0	0.005	1,2-Dichloropropane	ND	1.0	0.005
1,3-Dichloropropane	ND	1.0	0.005	2,2-Dichloropropane	ND	1.0	0.005
1,1-Dichloropropene	ND	1.0	0.005	cis-1,3-Dichloropropene	ND	1.0	0.005
trans-1,3-Dichloropropene	ND	1.0	0.005	Diisopropyl ether (DIPE)	ND	1.0	0.005
Ethanol	ND	1.0	0.25	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	0.036	1.0	0.005	Nitrobenzene	ND	1.0	0.1
n-Propyl benzene	0.011	1.0	0.005	Styrene	ND	1.0	0.005
1,1,1,2-Tetrachloroethane	ND	1.0	0.005	1,1,2,2-Tetrachloroethane	ND	1.0	0.005
Tetrachloroethene	ND	1.0	0.005	Toluene	ND	1.0	0.005
1,2,3-Trichlorobenzene	ND	1.0	0.005	1,2,4-Trichlorobenzene	ND	1.0	0.005
1,1,1-Trichloroethane	ND	1.0	0.005	1,1,2-Trichloroethane	ND	1.0	0.005
Trichloroethene	ND	1.0	0.005	Trichlorofluoromethane	ND	1.0	0.005
1,2,3-Trichloropropane	ND	1.0	0.005	1,2,4-Trimethylbenzene	0.0050	1.0	0.005
1,3,5-Trimethylbenzene	0.014	1.0	0.005	Vinyl Chloride	ND	1.0	0.005
Xylenes	0.018	1.0	0.005				

Surrogate Recoveries (%)

%SS1:	94	%SS2:	107
%SS3:	105		

Comments:

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; (&) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



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	Client Contact: Dan Glaze	Date Received: 03/09/06
	Client P.O.:	Date Analyzed: 03/10/06
		Date Extracted: 03/09/06

Polynuclear Aromatic Hydrocarbons (PAHs / PNAs) using SIM Mode by GC/MS*

Extraction Method: SW3550C

Analytical Method: SW8270D

Work Order: 0603152

Lab ID	0603152-001A				Reporting Limit for DF =1	
Client ID	EX-3-1-5 5'					
Matrix	S				S	W
DF	5					

Compound	Concentration				mg/kg	ug/L
Acenaphthene	ND<0.025				0.005	NA
Acenaphthylene	ND<0.025				0.005	NA
Anthracene	0.035				0.005	NA
Benzo(a)anthracene	0.068				0.005	NA
Benzo(a)pyrene	ND<0.025				0.005	NA
Benzo(b)fluoranthene	ND<0.025				0.005	NA
Benzo(g,h,i)perylene	0.041				0.005	NA
Benzo(k)fluoranthene	ND<0.025				0.005	NA
Chrysene	0.052				0.005	NA
Dibenzo(a,h)anthracene	ND<0.025				0.005	NA
Fluoranthene	0.084				0.005	NA
Fluorene	ND<0.025				0.005	NA
Indeno (1,2,3-cd) pyrene	ND<0.025				0.005	NA
1-Methylnaphthalene	0.21				0.005	NA
2-Methylnaphthalene	0.22				0.005	NA
Naphthalene	0.065				0.005	NA
Phenanthrene	0.16				0.005	NA
Pyrene	0.18				0.005	NA

Surrogate Recoveries (%)

%SS1	120				
%SS2	117				
Comments					

* water samples in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

#) surrogate diluted out of range; &) low or no surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) estimated to be below this level based on our MDL study; r) results are reported on a dry weight basis.



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	Client Contact: Dan Glaze	Date Received: 03/09/06
	Client P.O.:	Date Extracted: 03/09/06
		Date Analyzed: 03/09/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*

Extraction method: SW5030B

Analytical methods: SW8021B/8015Cm

Work Order: 0603152

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS
001A	EX-3-1-5 5'	S	16,g,m	---	ND	0.011	ND	0.011	1	82

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA	NA	NA	NA	NA	NA	1	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	0.005	1	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; o) results are reported on a dry weight basis.



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Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #304291-DG; 3884 First St. Livermore CA	Date Sampled: 03/08/06
	Client Contact: Dan Glaze	Date Received: 03/09/06
	Client P.O.:	Date Extracted: 03/09/06
		Date Analyzed: 03/10/06

LUFT 5 Metals*

Extraction method: SW3050B

Analytical methods: 6010C

Work Order: 0603152

Lab ID	Client ID	Matrix	Extraction	Cadmium	Chromium	Lead	Nickel	Zinc	DF	% SS
001A	EX-3-1-5 5'	S	TTLIC	ND	64	34	200	45	1	101

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TTLIC	NA	NA	NA	NA	NA	NA	NA
	S	TTLIC	1.5	1.5	5.0	1.5	5.0	mg/Kg	

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, filter samples in µg/filter.

means surrogate diluted out of range; ND means not detected above the reporting limit; N/A means not applicable to this sample or instrument.

i) aqueous sample containing greater than ~1 vol. % sediment; for DISSOLVED metals, this sample has been preserved prior to filtration; for TTLIC metals, a representative sediment-water mixture was digested; j) reporting limit raised due to insufficient sample amount; k) reporting limit raised due to matrix interference; m) estimated value due to low/high surrogate recovery, caused by matrix interference; n) results are reported on a dry weight basis; p) see attached narrative.



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Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #304291-DG; 3884 First St. Livermore CA	Date Sampled: 03/08/06
	Client Contact: Dan Glaze	Date Received: 03/09/06
	Client P.O.:	Date Analyzed: 03/09/06
	Date Extracted: 03/09/06	

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0603152

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0603152-001A	EX-3-1-5 5'	S	170.g,b	20	107

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; o) results are reported on a dry weight basis.

cete 0603117

RUSH

McCAMPBELL ANALYTICAL INC.

110 2nd AVENUE SOUTH, #D7
PACHECO, CA 94553-5560

Telephone: (925) 798-1620

Fax: (925) 798-1622

CHAIN OF CUSTODY RECORD

TURN AROUND TIME

RUSH 24 HR 48 HR 72 HR 5 DAY

EDF Required? Coelt (Normal) No Write On (DW) No

Report To: Dan Glaze Bill To: Cambria - Dan Glaze
Company: Cambria
5900 Hollis St. Ste A
Emeryville E-Mail: dglaze@cambria-env.com
Tele: (510) 376-0657 Fax: (510) 420-9170
Project #: 304291-DG Project Name: 304291-DG
Project Location: 3884 First St. Livermore CA
Sampler Signature:

Analysis Request

Other

Comments

SAMPLE ID (Field Point Name)	LOCATION	SAMPLING		# Containers	Type Containers	MATRIX					METHOD PRESERVED															
		Date	Time			Water	Soil	Air	Sludge	Other	Ice	HCl	HNO ₃	Other												
EXP1 - 3.5	304291	3/8/06	10:20		DK	X					X															
EXP2 - 3			11:42			X					X															
EXP3 - 3			11:45			X					X															
EXP4 - 3			11:47			X					X															

TPH as Gas (602/8020 + 8015)	X	X
TPH as Diesel (8015)	X	X
Total Petroleum Oil & Grease (5520 E&F/B&F)		
Total Petroleum Hydrocarbons (418.1)		
EPA 601 / 8010		
BTEX ONLY (EPA 602 / 8020)		
EPA 608 / 8080		
EPA 608 / 8080 PCB's ONLY		
EPA 624 / 8240 / 8260		
EPA 625 / 8270		
PAH's / PNA's by EPA 625 / 8270 / 8310		
CAM-17 Metals		
LUFT 5 Metals		
Lead (7240/7421/239.2/6010)		
RCI		

572A
by 5260

Email results to Lgenin@cambria-env.com
dglaze@ -"
bfoss@ -"

Relinquished By: [Signature] Date: 3/8/06 Time: 2:45 PM Received By: [Signature] M. Vall
Relinquished By: _____ Date: _____ Time: _____ Received By: _____
Relinquished By: _____ Date: _____ Time: _____ Received By: _____

ICE/4° _____ PRESERVATION _____ VOAS O&G METALS OTHER
GOOD CONDITION _____ APPROPRIATE
HEAD SPACE ABSENT _____ CONTAINERS _____
DECHLORINATED IN LAB _____ PERSERVED IN LAB _____

McC Campbell Analytical, Inc.



110 Second Avenue South, #D7
 Pacheco, CA 94553-5560
 (925) 798-1620

CHAIN-OF-CUSTODY RECORD

WorkOrder: 0603117

ClientID: CETE

EDF: NO

Report to:		Bill to	Requested TAT: 1 day
Dan Glaze	TEL: (510) 420-0700	Accounts Payable	
Cambria Env. Technology	FAX: (510) 420-9170	Cambria Env. Technology	Date Received: 03/08/2006
5900 Hollis St, Suite A	ProjectNo: #304291-DG	5900 Hollis St, Ste. A	Date Printed: 03/08/2006
Emeryville, CA 94608	PO:	Emeryville, CA 94608	

Sample ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)												
					1	2	3	4	5	6	7	8	9	10	11	12	
0603117-001	EXP1- 3.5	Soil	03/08/2006	<input type="checkbox"/>	A	A											
0603117-002	EXP2- 3	Soil	03/08/2006	<input type="checkbox"/>	A	A											
0603117-003	EXP3- 3	Soil	03/08/2006	<input type="checkbox"/>	A	A											
0603117-004	EXP4- 3	Soil	03/08/2006	<input type="checkbox"/>	A	A											

Test Legend:

1	G-MBTX_S	2	MBTEX-8260B_S	3		4		5	
6		7		8		9		10	
11		12							

The following SampIDs: 0603117-001A, 0603117-002A, 0603117-003A, 0603117-004A contain testgroup. Please make sure all relevant testcodes are reported. Many thanks.

Prepared by: Rosa Venegas

Comments:

NOTE: Samples are discarded 60 days after results are reported unless other arrangements are made. Hazardous samples will be returned to client or disposed of at client expense.



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		Date Received: 03/08/06
	Client Contact: Dan Glaze	Date Extracted: 03/08/06
	Client P.O.:	Date Analyzed: 03/08/06

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline*

Extraction method: SW5030B

Analytical methods: SW8015Cm

Work Order: 0603117

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS
001A	EXP1- 3.5	S	ND	1	90
002A	EXP2- 3	S	ND	1	93
003A	EXP3- 3	S	ND	1	93
004A	EXP4- 3	S	ND	1	90

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water and vapor samples and all TCLP & SPLP extracts are reported in µg/L, soil/sludge/solid samples in mg/kg, wipe samples in µg/wipe, product/oil/non-aqueous liquid samples in mg/L.

cluttered chromatogram; sample peak coelutes with surrogate peak.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified gasoline is significant; b) heavier gasoline range compounds are significant(aged gasoline?); c) lighter gasoline range compounds (the most mobile fraction) are significant; d) gasoline range compounds having broad chromatographic peaks are significant; biologically altered gasoline?; e) TPH pattern that does not appear to be derived from gasoline (stoddard solvent / mineral spirit?); f) one to a few isolated non-target peaks present; g) strongly aged gasoline or diesel range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) reporting limit raised due to high MTBE content; k) TPH pattern that does not appear to be derived from gasoline (aviation gas). m) no recognizable pattern; n) TPH(g) range non-target isolated peaks subtracted out of the TPH(g) concentration at the client's request; o) results are reported on a dry weight basis.



McC Campbell Analytical, Inc.

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 Website: www.mcccampbell.com E-mail: main@mcccampbell.com

Cambria Env. Technology 5900 Hollis St, Suite A Emeryville, CA 94608	Client Project ID: #304291-DG	Date Sampled: 03/08/06
		Date Received: 03/08/06
	Client Contact: Dan Glaze	Date Extracted: 03/08/06
	Client P.O.:	Date Analyzed: 03/08/06

MTBE and BTEX by GC/MS*

Extraction Method: SW5030B

Analytical Method: SW8260B

Work Order: 0603117

Lab ID	0603117-001A	0603117-002A	0603117-003A	0603117-004A	Reporting Limit for DF =1	
Client ID	EXP1- 3.5	EXP2- 3	EXP3- 3	EXP4- 3		
Matrix	S	S	S	S		
DF	1	1	1	1		

Compound	Concentration				mg/kg	ug/L
Benzene	ND	ND	ND	ND	0.005	NA
Ethylbenzene	ND	ND	ND	ND	0.005	NA
Methyl-t-butyl ether (MTBE)	ND	ND	ND	ND	0.005	NA
Toluene	ND	ND	ND	ND	0.005	NA
Xylenes	ND	ND	ND	ND	0.005	NA

Surrogate Recoveries (%)

%SS1:	96	96	95	95	
%SS2:	106	106	106	105	
%SS3:	104	104	102	102	

Comments

* water and vapor samples are reported in µg/L, soil/sludge/solid samples in mg/kg, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L, wipe samples in µg/wipe.

ND means not detected above the reporting limit; N/A means analyte not applicable to this analysis.

surrogate diluted out of range or coelutes with another peak; &) low surrogate due to matrix interference.

h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; j) sample diluted due to high organic content/matrix interference; k) reporting limit near, but not identical to our standard reporting limit due to variable Encore sample weight; m) reporting limit raised due to insufficient sample amount; n) results are reported on a dry weight basis; p) see attached narrative.



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		Date Received: 03/08/06
	Client Contact: Dan Glaze	Date Extracted: 03/08/06
	Client P.O.:	Date Analyzed: 03/08/06-03/09/06

Diesel Range (C10-C23) Extractable Hydrocarbons as Diesel*

Extraction method: SW3550C Analytical methods: SW8015C Work Order: 0603117

Lab ID	Client ID	Matrix	TPH(d)	DF	% SS
0603117-001A	EXP1- 3.5	S	ND	1	89
0603117-002A	EXP2- 3	S	ND	1	101
0603117-003A	EXP3- 3	S	ND	1	89
0603117-004A	EXP4- 3	S	ND	1	88

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	NA	NA
	S	1.0	mg/Kg

* water samples are reported in µg/L, wipe samples in µg/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / SPLP / TCLP extracts are reported in µg/L.

cluttered chromatogram resulting in coeluted surrogate and sample peaks, or; surrogate peak is on elevated baseline, or; surrogate has been diminished by dilution of original extract.

+The following descriptions of the TPH chromatogram are cursory in nature and McC Campbell Analytical is not responsible for their interpretation: a) unmodified or weakly modified diesel is significant; b) diesel range compounds are significant; no recognizable pattern; c) aged diesel is significant; d) gasoline range compounds are significant; e) unknown medium boiling point pattern that does not appear to be derived from diesel; f) one to a few isolated peaks present; g) oil range compounds are significant; h) lighter than water immiscible sheen/product is present; i) liquid sample that contains greater than ~1 vol. % sediment; k) kerosene/kerosene range; l) bunker oil; m) fuel oil; n) stoddard solvent/mineral spirit; o) results are reported on a dry weight basis.



QC SUMMARY REPORT FOR SW8021B/8015Cm

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0603117

EPA Method: SW8021B/8015Cm		Extraction: SW5030B			BatchID: 20640			Spiked Sample ID: 0603085-008A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(btex) [£]	ND	0.60	114	115	0.951	111	112	0.842	70 - 130	70 - 130
MTBE	ND	0.10	96	93.8	2.32	95	96.4	1.49	70 - 130	70 - 130
Benzene	ND	0.10	91.1	92.5	1.57	89.7	96.5	7.23	70 - 130	70 - 130
Toluene	ND	0.10	90.4	91.7	1.45	89.1	95.1	6.48	70 - 130	70 - 130
Ethylbenzene	ND	0.10	93.4	94.9	1.55	91.2	97.9	7.10	70 - 130	70 - 130
Xylenes	ND	0.30	95	99	4.12	91	99	8.42	70 - 130	70 - 130
%SS:	85	0.10	99	83	17.6	99	117	16.7	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 20640 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0603117-001A	3/08/06 10:20 AM	3/08/06	3/08/06 9:41 PM	0603117-002A	3/08/06 11:42 AM	3/08/06	3/08/06 10:11 PM
0603117-003A	3/08/06 11:45 AM	3/08/06	3/08/06 10:40 PM	0603117-004A	3/08/06 11:47 AM	3/08/06	3/08/06 11:40 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

% Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).

MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.

£ TPH(btex) = sum of BTEX areas from the FID.

cluttered chromatogram; sample peak coelutes with surrogate peak.

N/A = not enough sample to perform matrix spike and matrix spike duplicate.

NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.



QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0603117

EPA Method: SW8260B		Extraction: SW5030B			BatchID: 20632			Spiked Sample ID: 0603117-001A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
Benzene	ND	0.050	120	118	1.45	116	120	2.97	70 - 130	70 - 130
Methyl-t-butyl ether (MTBE)	ND	0.050	106	105	0.321	108	108	0	70 - 130	70 - 130
Toluene	ND	0.050	116	113	2.71	116	114	2.08	70 - 130	70 - 130
%SS1:	96	0.050	108	107	0.957	108	108	0	70 - 130	70 - 130
%SS2:	106	0.050	102	101	0.613	101	102	1.24	70 - 130	70 - 130
%SS3:	104	0.050	109	112	2.23	109	110	0.623	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 20632 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0603117-001A	3/08/06 10:20 AM	3/08/06	3/08/06 4:34 PM	0603117-002A	3/08/06 11:42 AM	3/08/06	3/08/06 5:17 PM
0603117-003A	3/08/06 11:45 AM	3/08/06	3/08/06 6:00 PM	0603117-004A	3/08/06 11:47 AM	3/08/06	3/08/06 6:43 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.
 % Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).
 MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.
 N/A = not enough sample to perform matrix spike and matrix spike duplicate.
 NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.
 Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.



QC SUMMARY REPORT FOR SW8015C

W.O. Sample Matrix: Soil

QC Matrix: Soil

WorkOrder: 0603117

EPA Method: SW8015C		Extraction: SW3550C			BatchID: 20642			Spiked Sample ID: 0603091-008B		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	LCS / LCSD
TPH(d)	ND	20	106	107	1.31	107	108	1.03	70 - 130	70 - 130
%SS:	91	50	97	98	1.38	98	99	0.779	70 - 130	70 - 130

All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions:
NONE

BATCH 20642 SUMMARY

Sample ID	Date Sampled	Date Extracted	Date Analyzed	Sample ID	Date Sampled	Date Extracted	Date Analyzed
0603117-001A	3/08/06 10:20 AM	3/08/06	3/09/06 11:04 AM	0603117-002A	3/08/06 11:42 AM	3/08/06	3/09/06 11:04 AM
0603117-003A	3/08/06 11:45 AM	3/08/06	3/08/06 5:22 PM	0603117-004A	3/08/06 11:47 AM	3/08/06	3/08/06 6:30 PM

MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.
 % Recovery = 100 * (MS-Sample) / (Amount Spiked); RPD = 100 * (MS - MSD) / ((MS + MSD) / 2).
 MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the spike recovery.
 N/A = not enough sample to perform matrix spike and matrix spike duplicate.
 NR = analyte concentration in sample exceeds spike amount for soil matrix or exceeds 2x spike amount for water matrix or sample diluted due to high matrix or analyte content.

ATTACHMENT D

Unauthorized Release Report

UNDERGROUND STORAGE TANK UNAUTHORIZED RELEASE (LEAK)/ CONTAMINATION SITE REPORT

EMERGENCY <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		HAS STATE OFFICE OF EMERGENCY SERVICES REPORT BEEN FILED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		FOR LOCAL AGENCY USE ONLY I HEREBY CERTIFY THAT I AM A DESIGNATED GOVERNMENT EMPLOYEE AND THAT I HAVE REPORTED THIS INFORMATION TO LOCAL OFFICIALS PURSUANT TO SECTION 25180.7 OF THE HEALTH AND SAFETY CODE.	
REPORT DATE 03-09-06		CASE #		SIGNED _____ DATE _____	
REPORTED BY	NAME OF INDIVIDUAL FILING REPORT Laura Genin		PHONE 510-420-0700		SIGNATURE <i>Laura</i>
	REPRESENTING <input type="checkbox"/> LOCAL AGENCY <input type="checkbox"/> REGIONAL BOARD <input checked="" type="checkbox"/> OWNER/OPERATOR <input type="checkbox"/> OTHER...		COMPANY OR AGENCY NAME Chevron Products Company		
ADDRESS 5900 Hollis St. Ste A STREET Emeryville CITY CA STATE 94608 ZIP					
RESPONSIBLE PARTY	NAME Standard Oil Co. of Cal. <input type="checkbox"/> Unknown		"Chevron Products Co."		PHONE
	ADDRESS PO Box 6012 Rm STREET 52256 CITY San Ramon STATE CA 94583				
SITE LOCATION	FACILITY NAME (IF APPLICABLE) NA		OPERATOR NA		PHONE NA
	ADDRESS 3884 1st St. STREET Livermore CITY CA COUNTY Alameda ZIP				
	CROSS STREET Portola				
IMPLEMENTING AGENCIES	LOCAL AGENCY AGENCY NAME Livermore-Pleasanton Fire Dept John Rhyter			PHONE 925-454-2377	
	REGIONAL BOARD			PHONE	
SUBSTANCES INVOLVED	(1) NAME waste oil		QUANTITY LOST (GALLONS) <input checked="" type="checkbox"/> Unknown		
	(2)		<input type="checkbox"/> Unknown		
DISCOVERY/ABATEMENT	DATE DISCOVERED 03-08-06		HOW DISCOVERED <input type="checkbox"/> Tank Test <input checked="" type="checkbox"/> Tank Removal <input type="checkbox"/> Nuisance Conditions <input type="checkbox"/> Inventory Control <input type="checkbox"/> Subsurface Monitoring <input type="checkbox"/> Other...		
	DATE DISCHARGE BEGAN <input checked="" type="checkbox"/> Unknown		METHOD USED TO STOP DISCHARGE (CHECK ALL THAT APPLY) <input checked="" type="checkbox"/> Remove Contents <input checked="" type="checkbox"/> Close Tank - <i>Removed</i> <input type="checkbox"/> Repair Tank <input type="checkbox"/> Change Procedure <input type="checkbox"/> Replace Tank <input type="checkbox"/> Other... <input type="checkbox"/> Repair Piping		
	HAS DISCHARGE BEEN STOPPED? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		IF YES, DATE 03-08-06		
SOURCE/CAUSE	SOURCE OF DISCHARGE <input type="checkbox"/> Tank Leak <input type="checkbox"/> Piping Leak <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Other...		CAUSE(S) <input type="checkbox"/> Overfill <input type="checkbox"/> Corrosion <input type="checkbox"/> Rupture/Failure <input checked="" type="checkbox"/> Unknown <input type="checkbox"/> Spill <input type="checkbox"/> Other...		
	CASE TYPE CHECK ONE ONLY <input type="checkbox"/> Undetermined <input checked="" type="checkbox"/> Soil Only <input type="checkbox"/> Groundwater <input type="checkbox"/> Drinking Water - (CHECK ONLY IF WATER WELLS HAVE ACTUALLY BEEN AFFECTED)				
CURRENT STATUS	CHECK ONE ONLY <input type="checkbox"/> No Action Taken <input type="checkbox"/> Case Closed (Cleanup Completed or Unnecessary) <input type="checkbox"/> Leak Being Confirmed <input type="checkbox"/> Pollution Characterization <input type="checkbox"/> Remediation Plan <input type="checkbox"/> Post Cleanup Monitoring in Progress <input type="checkbox"/> Preliminary Site Assessment Workplan Submitted <input checked="" type="checkbox"/> Cleanup Underway <i>Excavation</i> <input type="checkbox"/> Preliminary Site Assessment Underway				
	REMEDIAL ACTION CHECK APPROPRIATE ACTION(S) <input type="checkbox"/> Cap Site (CD) <input type="checkbox"/> Excavate & Treat (ET) <input type="checkbox"/> Treatment at Hookup (HU) <input type="checkbox"/> Other... <input type="checkbox"/> Contamination Barrier (CB) <input type="checkbox"/> No Action Required (NA) <input type="checkbox"/> Enhanced Bio Degradation (IT) <input type="checkbox"/> Vacuum Extract (VE) <input type="checkbox"/> Remove Free Product (FP) <input type="checkbox"/> Replace Supply (RS) <input checked="" type="checkbox"/> Excavate & Dispose (ED) <input type="checkbox"/> Pump & Treat Groundwater (GT) <input type="checkbox"/> Vent Soil (VS)				
COMMENTS	Soil Removal and disposal is under way.				

FILE COPY