GEOCON
CONSULTANTS, INC.
GEOTECHNICAL ■ ENVIRONMENTAL ■ MATERIALS

December 4, 2012

Ms. Donna Dragos
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502

Dear Ms. Dragos:

On behalf of Caltrans District 4, Geocon is submitting this *Underground Storage Tank Removal Report* for two USTs removed from the Bay Bridge Toll Plaza area on July 28, 2012. This site is not in the LOP program.

The Caltrans contact for this project is Mr. Chris Bledsoe and he can be reached at (510) 286-6022, or if you have any questions regarding the contents of the report, please give me a call at (925) 961-5276.

Sincerely,

GEOCON CONSULTANTS, INC.

John Love, PG
Senior Project Geologist

6671 Brisa Street ■ Livermore, CA 94550-2505 ■ Telephone (925) 371-5900 ■ Fax (925) 371-5915

UNDERGROUND STORAGE TANK REMOVAL REPORT

PREPARED FOR:
CALTRANS DISTRICT 4
111 GRAND AVENUE, 12TH FLOOR
OAKLAND, CA 94612

PREPARED BY:
GEOCON CONSULTANTS, INC.
6671 BRISA STREET
LIVERMORE, CALIFORNIA

GEOCON PROJECT NO. E8585-06-49
CALTRANS CONTRACT NO. 04A3570

NOVEMBER 2012

GEOCON
CONSULTANTS, INC.
GEOTECHNICAL ■ ENVIRONMENTAL ■ MATERIALS

Project No. E8585-06-49
November 20, 2012

Mr. Chris Bledsoe
Caltrans – District 4
111 Grand Avenue
Oakland, California 94612

Subject: UST REMOVAL REPORT
BAY BRIDGE TOLL PLAZA
OAKLAND, CALIFORNIA
CONTRACT NO. 04A3570, WORK AUTHORIZATION No. 44

Dear Mr. Bledsoe:

Geocon has prepared this *UST Removal Report* for the above-referenced site on behalf of Caltrans - District 4. The report contains details of field services and laboratory analytical results.

A copy of Caltrans' authorization letter to submit the report to the Alameda County Environmental Health Department is provided in Appendix F. Please contact the undersigned if you have any questions or comments.

Sincerely,

GEOCON CONSULTANTS, INC.

PROFESSIONAL GEOLOGIST
JOHN W. LOVE
No. 6315
Exp. 11-30-14
STATE OF CALIFORNIA

John Love, PG
Sr. Project Geologist

Richard Day, CEG, CHG
Regional Manager

(3) Addressee
(1) Donna Drogos, Alameda County Health Care Services Agency (electronic submittal)

TABLE OF CONTENTS

UST REMOVAL REPORT PAGE

FIGURES

TABLES

APPENDICES

UST REMOVAL REPORT

1.0 INTRODUCTION

On behalf of the California Department of Transportation (Caltrans) - District 4, Geocon Consultants, Inc. removed two approximately 2,000-gallon steel underground storage tanks (USTs) located at the Bay Bridge Toll Plaza area in Oakland, California (see Figure 1). In addition to removing the USTs, Geocon also over-excavated and arranged for the disposal of 39 tons of petroleum-impacted soil and the disposal of 1,072 gallons of fuel oil and rinsate fluids.

This report was prepared under Caltrans Contract No. 04A3570, Work Authorization No. 44.

1.1 Site Description

The Bay Bridge Toll Plaza area, where the USTs were located, was under demolition and renovation at the time the USTs were discovered and removed. The Toll Plaza area where the UST removals took place is just south of Interstate 80, immediately west of the toll booths. A Site Plan showing the UST locations relative to the former building structures is provided as Figure 2, and photographs of the USTs during the removal activities are in Appendix A.

1.2 Background

Portions of the Bay Bridge Toll Plaza area are being demolished and reconstructed in conjunction with the opening of the new Bay Bridge in 2013. During the demolition activities two USTs were discovered. UST #1 was a single-wall steel UST estimated to be 2,200 gallons in capacity. It had approximately 800 gallons of fuel oil (aka, Bunker oil) remaining in the tank upon discovery. UST #2 was a single-wall steel UST estimated to be 2,000 gallons in capacity. It was filled with sand slurry, and had some displaced diesel #2 fuel remaining in the fill pipe and UST.

UST #1 was located south of the Toll Plaza Building, and UST #2 was located approximately 20 feet south of Interstate 80, just west of the toll booths. The top of UST #1 was located at a depth of 5 feet, and the top of UST #2 at approximately 3.5 feet.

2.0 UST REMOVALS

On July 28, 2012, Geocon and NRC Environmental Services, Inc. (NRC) removed UST #1 and UST #2 from the Bay Bridge Toll Plaza area. Prior to the removals, Geocon obtained UST removal permits from the City of Oakland Fire Department (OFD). Copies of the permits were never issued by the OFD due to the quick turnaround time associated with acquiring the permits and removing the USTs; however, a copy of their *UST Closure / Removal Inspection Report* issued at the time the USTs were removed by OFD Inspector Mr. Keith Matthews is in Appendix B.

2.1 UST #1 Removal

UST #1 was removed after the top of the tank was unearthed, an estimated 1,050 gallons of fuel oil and rinsate fluids were removed, and the inside of the vessel was rendered inert with dry ice.

Once the UST was removed from the ground, it was loaded onto a truck provided NRC where it was then transported under hazardous waste manifest to the Ecology Control Industries facility in Richmond, California, for recycling. A copy of the hazardous waste manifest is in Appendix C.

Fuel oil and rinsate fluids from UST #1 were transported under hazardous waste manifest to the Riverbank Oil Transfer facility in Riverbank, California, for recycling. A copy of the hazardous waste manifest is in Appendix C.

2.1.1 UST #1 Confirmation Groundwater Sample Analysis and Results

The bottom of UST #1 was in contact with groundwater when it was removed from the ground (see Photograph 5 in Appendix A), and as such, the OFD inspector directed that groundwater samples be collected beneath the UST in lieu of a soil sample.

Groundwater samples were collected by submerging the appropriate sample containers in groundwater ponded underneath the UST after it was removed from the ground. Upon sample collection, the sample containers were placed in a chest cooled with ice for transport to McCampbell Analytical, Inc., a State of California-certified laboratory located in West Pittsburg, California.

The groundwater sample was analyzed for total petroleum hydrocarbons as gasoline (TPHg), diesel fuel (TPHd), and motor oil (TPHmo) following Environmental Protection Agency (EPA) Test Method 8015B, volatile organic compounds (VOCs) following EPA Test Method 8260B, and select metals arsenic, cadmium, chromium, copper, iron, lead, mercury, nickel, silver, and zinc following EPA Test Method 6020 and 6010B (iron).

TPHg was reported as non-detect in the groundwater sample collected beneath UST #1. TPHd was reported at a concentration of 0.23 milligrams per liter (mg/l), and TPHmo was reported at 0.69 mg/l. The TPHd and TPHmo concentrations exceed the San Francisco Bay Regional Water Quality Control Board (RWQCB) environmental screening levels (ESLs) of 0.10 mg/l and 0.21 mg/l, respectively, where groundwater is and is not a current or potential drinking water source.

The only VOC detected was naphthalene at a concentration of 0.00076 mg/l.

Cadmium, mercury, and silver were reported as below their respective detection limits. Arsenic and chromium were reported at concentrations below their respective ESLs. Copper, lead, nickel, and zinc were reported at concentrations exceeding the ESLs where groundwater is and is not a current or potential drinking water source.

Copies of the analytical laboratory data sheets for the confirmation groundwater sample collected from the UST #1 excavation are in Appendix D, and analytical laboratory results are tabulated in Table 1.

2.2 UST #2 Removal and Soil Over-Excavation

UST #2 was removed by cutting and peeling the top of the tank back so the sand slurry inside the tank could be excavated out using a backhoe (see Photographs 9 and 10 in Appendix A). Prior to excavating the slurry from the tank, NRC vacuumed an estimated 20 to 30 gallons of diesel fuel product that was pooled on the surface of the sand slurry once the top of the tank was exposed (see Photograph 9 in Appendix A).

After the fuel product and most of the sand slurry was removed from UST #2, the UST was removed from the ground using an excavator, the remaining slurry was emptied out of the tank, and the UST was crushed for transport and offsite recycling as scrap metal.

No holes were observed in the UST upon removal; however, obvious diesel fuel odors were present in the soil near the fill port and immediately adjacent to the tank upon removal. As a result, we over-excavated an estimated 20 tons (or 13 cubic yards) of petroleum-impacted soil surrounding the UST. The over-excavated soil and sand slurry from inside the UST were temporarily stockpiled onsite on plastic sheeting. Two days later the stockpiled material was transferred into three 20-cubic yard bins where it was eventually transported for disposal at Clean Harbors Landfill in Buttonwillow, California.

2.2.1 UST #2 Confirmation Soil Sample Analysis and Results

One soil sample was collected from the bottom of the UST #2 excavation, at the direction of the OFD inspector. The sample was collected at a depth of approximately 11 feet using the backhoe bucket. Soil from the backhoe bucket was then transferred into a stainless steel sample tube. Once filled, the sample tube was capped on both ends with Teflon tape and plastic end caps, placed in a chest cooled with ice, and transported to McCampbell Analytical, Inc.

The confirmation soil sample from UST #2 was analyzed TPHg, TPHd, and TPHmo following EPA Test Method 8015B, VOCs following EPA Test Method 8260B, and select metals arsenic,

cadmium, chromium, copper, iron, lead, mercury, nickel, silver, and zinc following EPA Test Methods 6020 and 6010B (iron).

TPHg was reported as non-detect. TPHd was reported at a concentration of 87 milligrams per kilogram (mg/kg), and TPHmo was reported at 480 mg/kg. The TPHd concentration exceeds the RWQCB ESL of 83 mg/kg for residential and commercial/industrial land use, and the TPHmo concentration exceeds the residential land use ESL of 370 mg/kg.

The only VOC detected in the UST #2 confirmation soil sample was naphthalene at a concentration of 0.048 mg/kg.

Cadmium, mercury, and silver were reported as below their respective detection limits. Chromium, copper, iron, lead, nickel, and zinc were reported at concentrations below their respective ESLs. Arsenic was reported at a concentration of 3.1 mg/kg which exceeds the residential and commercial/industrial land use ESLs of 0.39 mg/kg and 1.6 mg/kg, respectively.

Copies of the analytical laboratory data sheets for the confirmation soil sample collected from the UST #2 excavation are in Appendix D and analytical laboratory results are tabulated in Table 2.

2.3 Stockpile Soil Sampling and Results

One four-point composite soil sample (Stockpile A-D) was collected from the stockpiled soil generated from the UST #2 excavation area. The sample was analyzed for TPHg, TPHd, and TPHmo following EPA Test Method 8015B, benzene, toluene, ethylbenzene, and xylenes (BTEX) following EPA Test Method 8021B, and LUFT 5 metals following EPA Test Method 6010B.

TPHg, TPHd, and TPHmo were reported at concentrations of 180 mg/kg, 2,100 mg/kg, and 1,200 mg/kg, respectively.

Benzene and toluene were reported as non-detect. Ethylbenzene was reported at concentration of 0.18 mg/kg, and xylenes were reported at 1.2 mg/kg.

LUFT 5 metals, except chromium and lead, were reported at concentrations less than their respective total threshold limit concentrations (TTLC) and ten times their soluble threshold limit concentrations (STLC).

Chromium was reported at a concentration of 55 mg/kg, which is more than ten times its STLC of 5.0 mg/l. As a result, the sample was further analyzed for soluble chromium following waste

extraction test (WET) methodology. STLC chromium was reported at a concentration of 0.21 mg/l which is below the STLC of 5.0 mg/l.

Lead was reported at a concentration of 120 mg/kg. As a result, the sample was further analyzed for soluble lead following WET and toxicity characteristic leaching procedure (TCLP) methodologies. STLC lead was reported at a concentration of 19 mg/l and TCLP lead at <0.2 mg/l. The STLC lead concentration of 5.0 mg/l was exceeded; however, the TCLP lead concentration was not, so the stockpile soil qualified for disposal as a California hazardous waste.

The stockpile soil sample results are tabulated in Table 3, and copies of the analytical laboratory data sheets are in Appendix D.

2.4 Soil and Groundwater Conditions

Soil underlying the UST#1 and UST #2 excavation areas consisted predominantly of poorly graded, fine to medium silty sand with some construction debris. Groundwater was present at approximately 11 feet at the time the USTs were removed; however, the depth to groundwater in the area of the Bay Bridge Toll Plaza is tidally influenced and may be shallower or deeper depending on the tide cycle. At approximately 12 feet below ground surface underlying the Toll Plaza area is a concrete pile platform. Excavation below 12 feet at the site is not possible without significant effort to remove the concrete pile platform.

3.0 SOIL DISPOSAL

On July 28, 2012, soil excavated from the UST #2 excavation was stockpiled onsite and covered with plastic sheeting. On July 31, 2012, the stockpiled soil was transferred into three 20-cubic-yard soil bins and left onsite pending disposal arrangements.

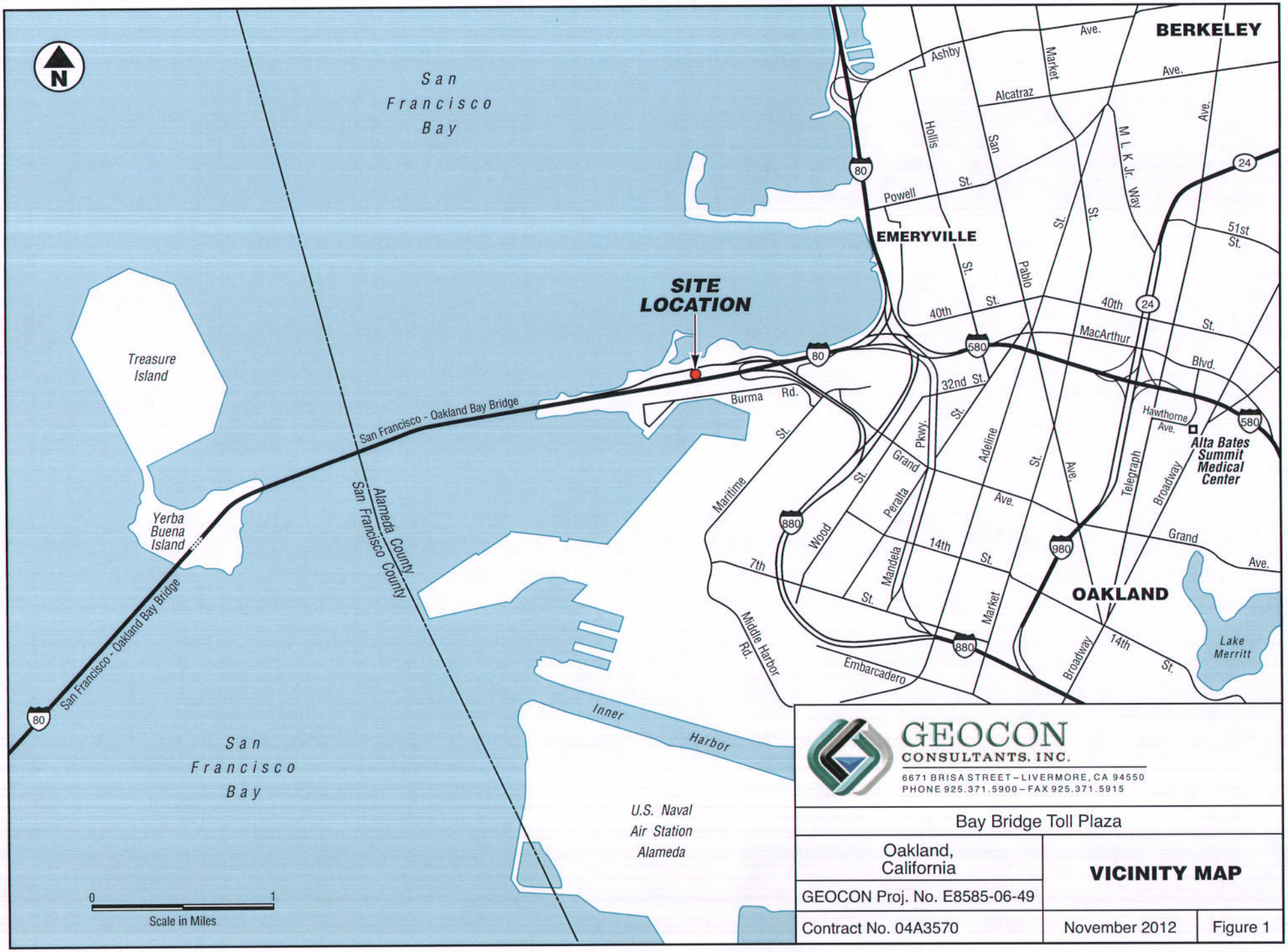
On August 31, 2012, the soil bins with approximately 39 tons of soil were transported under hazardous waste manifest to Clean Harbors Landfill in Buttonwillow, California, for disposal as California hazardous waste.

Copies of the hazardous waste manifest and landfill weight tickets are in Appendix E.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Based on field observations noted during the soil over-excavation activities, as well as analytical laboratory results of confirmation soil samples, the following is concluded:

- Holes were not observed in UST #1 or UST #2. Both USTs were intact upon removal from the ground.
- Analytical results of the grab groundwater sample collected beneath UST #1 indicate that TPHd and TPHmo are present at concentrations of 0.23 mg/l and 0.69 mg/l, respectively. Both of these concentrations exceed the groundwater ESL; however, groundwater beneath the Bay Bridge Toll Plaza is not of beneficial use.
- Some diesel spillage around the fill port of UST #2 was observed during the removal of this UST; however, most of the impacted soil was removed during the over-excavation process.
- The confirmation soil sample collected from the UST #2 excavation indicates that TPHd and TPHmo are present at concentrations of 87 mg/kg and 480 mg/kg, respectively. Both of these concentrations exceed the residential ESLs of 83 mg/kg for TPHd and 370 mg/kg for TPHmo; however, this site is being redeveloped as the new Bay Bridge Toll Plaza and recreational park in conjunction with the new Bay Bridge and will not be used for residential land use for the foreseeable future.
- Arsenic was also reported in soil at concentrations exceeding residential and commercial/industrial land use ESLs; however, naturally occurring arsenic concentrations often exceed the ESLs, and the arsenic concentration (3.2 mg/kg) is well within published background concentrations for the area.
- Based on field observations noted during the UST removals, as well as soil and grab groundwater samples collected beneath each tank, we do not feel that additional investigation is necessary at this site. Remaining TPH-impacted soil is located more than 10 feet below ground surface, groundwater is not used for drinking water purposes or other beneficial uses, and the site is being redeveloped as the new Bay Bridge Toll Plaza.



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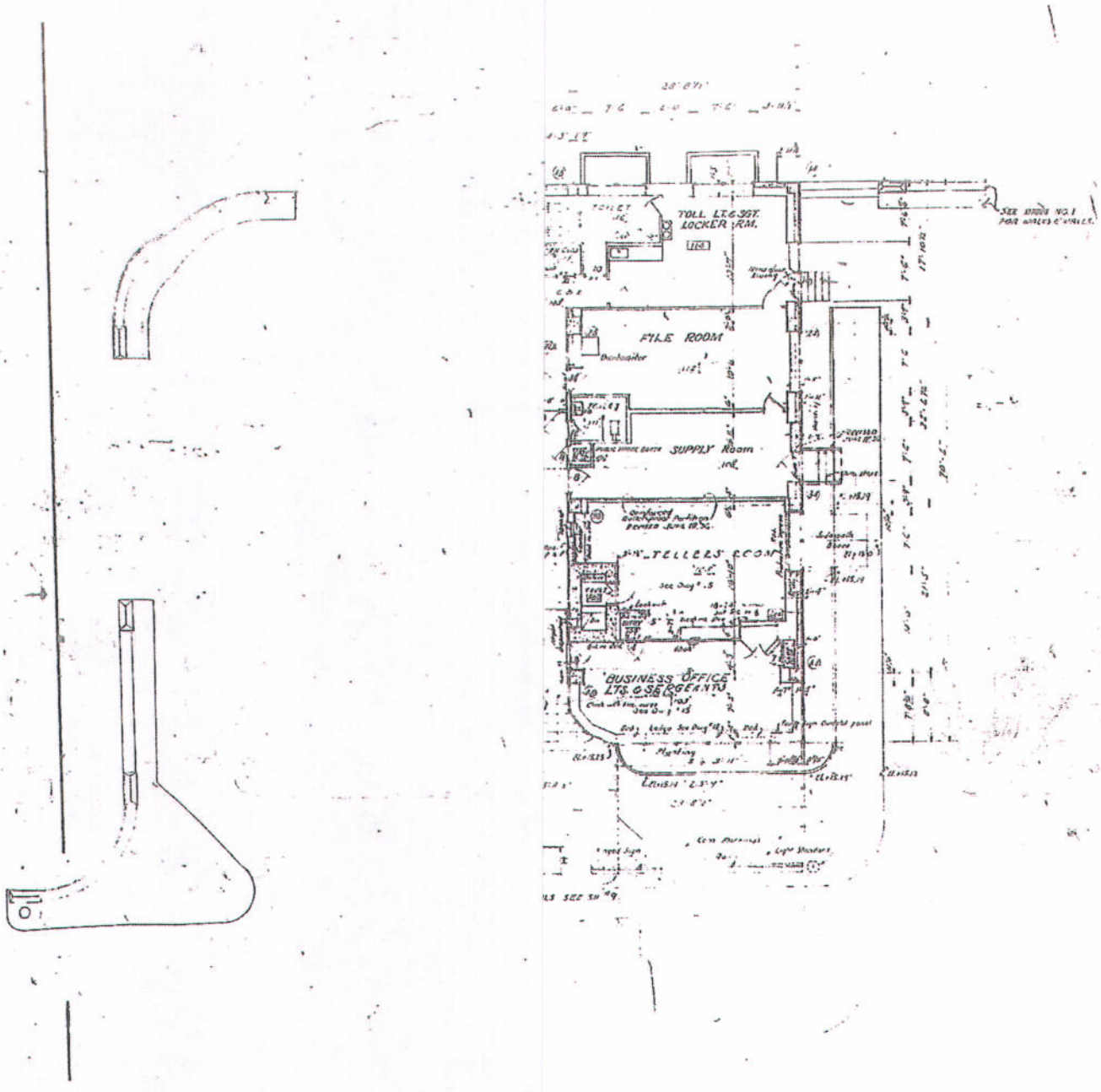
Bay Bridge Toll Plaza

Oakland, California

VICINITY MAP

GEOCON Proj. No. E8585-06-49

Contract No. 04A3570 | November 2012 | Figure 1



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Bay Bridge Toll Plaza

Oakland, California	**SITE PLAN**	
GEOCON Proj. No. E8585-06-49		
Contract No. 04A3570	November 2012	Figure 2

Table 1
UST #1 Groundwater Sample Results
Caltrans - Bay Bridge Toll Plaza
Oakland, California

Sample Location / ID	Sample Depth (feet bgs)	TPHg (mg/l)	TPHd (mg/l)	TPHmo (mg/l)	VOCs (mg/l)	Arsenic (mg/l)	Cadmium (mg/l)	Chromium (mg/l)	Copper (mg/l)	Iron (mg/l)	Lead (mg/l)	Mercury (mg/l)	Nickel (mg/l)	Silver (mg/l)	Zinc (mg/l)
UST #1	11	<0.050	0.23	0.69	naphthalene = 0.00076	0.0085	<0.0025	0.062	0.055	35	0.084	<0.00025	0.069	<0.0019	0.20
Groundwater ESLs															
Drinking Water - Current/Potential Source		0.10	0.10	0.10	*0.017	0.036	0.00025	0.18	0.0031	---	0.0025	2.5E-05	0.0082	0.0002	0.081
Drinking Water - Not Current/Potential Source		0.21	0.21	0.21	*0.024	0.036	0.00025	0.18	0.0031	---	0.0025	2.5E-05	0.0082	0.0002	0.081

Table 2
UST #2 Soil Sample Results
Caltrans - Bay Bridge Toll Plaza
Oakland, California

Sample Location / ID	Sample Depth (feet bgs)	TPHg (mg/kg)	TPHd (mg/kg)	TPHmo (mg/kg)	VOCs (mg/kg)	Arsenic (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Copper (mg/kg)	Iron (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Nickel (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
UST #2	11	<1.0	87	480	naphthalene = 0.048	3.1	<0.25	39	5.0	11,000	6.3	<0.05	29	<0.5	310
Environmental Screening Levels															
Residential Land Use		83	83	370	*1.3	0.39	1.7	750	230	---	200	1.3	150	20	600
Comm/Ind Land Use		83	83	2,500	*2.8	1.6	7.4	750	230	---	750	10	150	40	600
Construction Exposure		4,200	4,200	12,000	*130	15	39	1.2E+06	310,000	---	750	58	260	3,900	230,000

Table 3
Stockpile Soil Sample Results
Caltrans - Bay Bridge Toll Plaza
Oakland, California

Sample ID	TPHg (mg/kg)	TPHd (mg/kg)	TPHmo (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Xylenes (mg/kg)	Cadmium (mg/kg)	Chromium (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Zinc (mg/kg)
Stockpile A-D	180	2,100	1,200	<0.10	<0.10	0.18	1.2	<1.5	55	120	49	260
STLC	---	---	---	---	---	---	---	---	0.21	19	---	---
TCLP	---	---	---	---	---	---	---	---	---	<0.2	---	---
Hazardous Waste Criteria												
TTLC	---	---	---	---	---	---	---	100	2,500	1,000	2,000	5,000
STLC	---	---	---	---	---	---	---	1.0	5.0	5.0	20	250
TCLP	---	---	---	---	---	---	---	1.0	6.0	5.0	---	---

Notes -

--- = not analyzed or no standard
< = analyte was not detected above the laboratory reporting limit
* = for naphthalene
mg/kg = milligrams per kilogram
mg/l = milligrams per liter
ESLs = Environmental Screening Levels, Tables A and K-3, SFRWQCB, Revised May 2008
ESLs for chromium are for Chromium III, as there is no standard for total chromium
TTLC = Total Threshold Limit Concentration
STLC = Soluble Threshold Limit Concentration (mg/l)
TCLP = toxicity characteristic leaching procedure (mg/l)

APPENDIX A

Photo 1 – View looking southeast at UST #1 being unearthed.

Photo 2 – View looking south as UST #1 is being cleaned.

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SITE PHOTOS 1 and 2		
Caltrans Bay Bridge Toll Plaza Oakland, California		
E8585-06-49		November 2012

Photo 3 – View looking southeast at UST #1 being removed from ground.

Photo 4 – View looking at UST #1 after it was removed from the ground.

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SITE PHOTOS 3 and 4		
Caltrans Bay Bridge Toll Plaza Oakland, California		
E8585-06-49		November 2012

Photo 5 – View looking southeast at groundwater pooled under UST #1.

Photo 6 – View looking south at UST #1 loaded for delivery to ECI in Richmond, CA.

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SITE PHOTOS 5 and 6		
Caltrans Bay Bridge Toll Plaza Oakland, California		
E8585-06-49		November 2012

Photo 7 – View looking southeast at UST #1 area after backfilled with native soil.

Photo 8 – View looking west at UST #2 area prior to being unearthed

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SITE PHOTOS 7 and 8		
Caltrans Bay Bridge Toll Plaza Oakland, California		
E8585-06-49		November 2012

Photo 9 – View looking southeast at UST #2 as diesel #2 is being pumped off surface of sand slurry.

Photo 10 – View looking west at UST #2 while sand slurry is being excavated out of vessel.

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SITE PHOTOS 9 and 10		
Caltrans Bay Bridge Toll Plaza Oakland, California		
E8585-06-49		November 2012

Photo 11 – View of UST #2 being smashed prior to removal from site as scrap metal.

Photo 12 – View looking west at UST #2 after removal and backfill with native soil.

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SITE PHOTOS 11 and 12		
Caltrans Bay Bridge Toll Plaza Oakland, California		
E8585-06-49		November 2012

APPENDIX B

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	C A C 0 0 2 6 9 0 2 1 4	1	NRCES 510 749-1390	009242063 JJK

GENERATOR

5. Generator's Name and Mailing Address
ATT: JILL ECKLOCK
DEPARTMENT OF TRANSPORTATION CALTRANS DISTRI
111 GRAND AVENUE FLOOR 12
OAKLAND CA 94612
Generator's Phone: 5 1 0 6 2 2 - 8 7 5 0

Generator's Site Address (if different than mailing address)
CALTRAND D-4/ EA-002974
1 TOLL PLAZA RD EB & WB I-80
OAKLAND CA 94608

6. Transporter 1 Company Name
NRC Environmental Services
U.S. EPA ID Number: C A R 0 0 0 0 3 0 1 1 4

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

8. Designated Facility Name and Site Address
ECOLOGY CONTROL INDUSTRIES
255 PARR BLVD.
RICHMOND CA 94801
Facility's Phone: 510 235-1383
U.S. EPA ID Number: C A D 0 0 9 4 6 6 3 8 2

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. ~~NON RCRA HAZARDOUS WASTE SOLID (UST, RESIDUE LAST~~ CONTAIN FUEL OIL)	0 0 1	TP	03000	P	512
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
~~WEAR APPROPRIATE~~ PERSONAL PROTECTIVE EQUIPMENT JOB#/PO#: 59438
TANKS # 343489
CONSULTANT: GEOCON CONSULTANTS, INC. 6671 BRISA STREET, LIVERMORE, CA.
ECF 52T4380

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dennis English for State of California
Signature:
Month 7 Day 28 Year 12

INT'L

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

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Thom Jamda
Signature:
Month 7 Day 28 Year 12

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H129			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Shon Spence
Signature:
Month 7 Day 30 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
CAC002800214	1	NRCES 510 741-1300	009242064 JJK

GENERATOR

5. Generator's Name and Mailing Address
DEPARTMENT OF TRANSPORTATION CALTRANS DISTR
ATT: JILL POLLOCK
111 GRAND AVENUE FLOOR 12
OAKLAND CA 94612
Generator's Phone: 510 622-9750

Generator's Site Address (if different than mailing address)
CALTRAND D-4/ EA-003074
1 TOLL PLAZA RD EB & WB I-80
OAKLAND CA 94608

6. Transporter 1 Company Name
NRC Environmental Services
U.S. EPA ID Number
CAR000030114

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

8. Designated Facility Name and Site Address
Riverbank Oil Transfer, LLC
6900 Claus Road, Bldg. 11
Riverbank CA 95367
Facility's Phone: 209 863-8181
U.S. EPA ID Number
CAL000190910

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NON RCRA HAZARDOUS WASTE LIQUID (OILY WATER)	001	TT	1072	G	221
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT JOB#/PO#:69430
CONSULTANT: GECCON CONSULTANTS, INC. 6671 BRISA STREET, LIVERMORE, CA.

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Dennis English for Skip Kaltenbach
Signature
Month 7 Day 30 Year 12

INT'L

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

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Nicole Alcantar
Signature
Month 7 Day 28 Year 12

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H061			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 18a

Printed/Typed Name: Scott Kaufman
Signature
Month 7 Day 30 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

APPENDIX C

OAKLAND FIRE DEPARTMENT, OES
UNDERGROUND STORAGE TANK CLOSURE/REMOVAL FIELD INSPECTION REPORT

Site Address: Bay Bridge Toll Plaza	Name of Facility: SF Bay Toll Bridge
Inspector: Keith Matthews (KM)	Contact on site: Cecelia/John Love 925 525 4[illegible]
Date and Time of Arrival: 26 July 12	Contractor/Consultant: Caltrans 415 6222 Dennis Englisbi

General Requirements	Yes	No	N/A
Approved closure plan on site.	X		
Changes to approved plan noted.	X		
Residuals properly stored/transported.	X		
Receipt for adequate dry ice noted.	X		

General Requirements	Yes	No	N/A
Site Safety Plan properly signed.	X		
40B:C fire extinguisher on site.	X		
"No Smoking" signs posted.	X		
Gas detector challenged by inspector.	X		

Tank Observations	T #1	T #2	T #3	T #4
Tank Capacity (gallons)				
Material last stored				
Dry ice used (pounds)				
Combustible gas concentration as %LEL. *(Note time & sampling point)*				
(1)	NA	0		
(2)				
(3)				
Oxygen concentration as % volume. *(Note time &sampling point.)*				
(1)	NA	19		
(2)				
(3)				
Tank Material				
Wrapping/Coating, if any				
Obvious holes?				

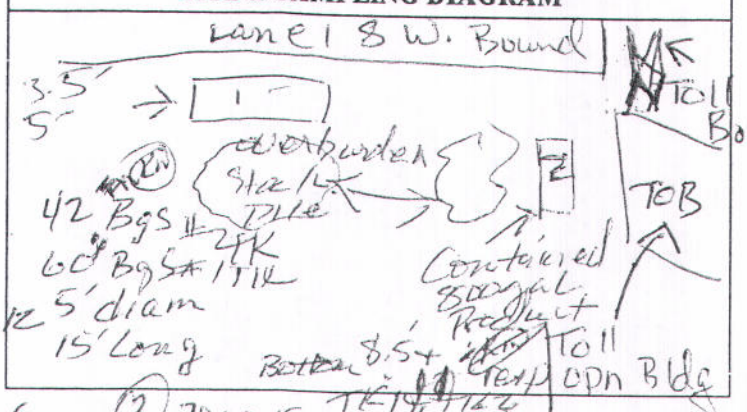
Tank Observations	T #1	T #2	T #3	T #4
Obvious corrosion?	Yes			
Obvious odors from tank?	Yes			
Seams intact?	Yes			
Tank bed backfill material	yes			
Obvious discoloration?	No			
Obvious odors ex tank bed?	Yes			
Water in excavation?	Yes			
Sheen/product on water?	No			
Tank tagged by transporter?	No			
Tank wrapped for transport?	No			
Tank plugged w/ vent cap?	Yes			
Date/time tank hauled off?	26 July 12 : 12:30			
No. of soil samples taken?	1-1	1	2x4pt Composites	
Depth of soil samples (ft. bgs)				

Piping Removal	Yes	No	N/A
All piping removed hauled off w/ tanks?	X		
Obvious holes on pipes?		X	
Obvious odors from pipes?		X	
Obvious soil discoloration in piping trench?			X
Obvious odors from piping trench?			X
Water in piping trench?			X
Number & depth of soil samples from piping trench?			NA
Number & depth of water samples from piping trench?			N/A

General Observations	Yes	No	N/A
Leak from any tank suspected?			
"Leak Report" form given to the operator?			
Obviously contaminated soil excavated?			
Soil stockpile sampled?			
Stockpile lined AND covered?			
Water in excavation sampled?			
Number/depth of water samples taken? 11' → 1 FROM TK-2			
All samples properly preserved for transport?		excavation	

Additional Observations	Yes	No	N/A
Soil/water sampling protocols acceptable?	X		
Sampling "chain of custody" noted?	X		
Tank pit filled in or covered? (Bmg)	X		X
Tank pit fenced or barricaded?	X		
Transporter a registered HW hauler?	X		
Uniform HW Manifest completed?	X		
Contractor/Consultant reminded of complete UST Removal Report due within 30 days?			
Date/Time removal/closure operations completed?	12:30 / 26 July 12		
OT hours or additional charges due from contractor?			

SITE & SAMPLING DIAGRAM



Notes/Comments: 2 x (1) 1000-gal Diesel + (2) 2000K Fuel Oil
scrap metal crushed/disposed

UST Closure / Removal Inspection Report/ dmg April 1998 1:00

APPENDIX D

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

GEOCON Env. Consultants	Client Project ID: #E8585-06-09; Toll Plaza UST Remove	Date Sampled: 07/28/12
		Date Received: 07/30/12
6671 Brisa St	Client Contact: John Love	Date Reported: 07/31/12
Livermore, CA 94550	Client P.O.:	Date Completed: 07/31/12

WorkOrder: 1207737

July 31, 2012

Dear John:

Enclosed within are:

1) The results of the 3 analyzed samples from your project: **#E8585-06-09; Toll Plaza UST Remove,**
2) QC data for the above samples, and
3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

1207737

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☒ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

RUSH

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: John Love	Bill To: Same
Company: Geocon Consultants, Inc.	
	E-Mail: love@geoconinc.com
Tele: (925) 371-5900	Fax: (925) 371-5915
Project #: E8585-06-09	Project Name: Toll Plaza UST Remove
Project Location: Bay Bridge	
Sampler Signature:	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: ICE	HCL	HNO_3	Other	TPHg (8015B0	TPHmo (8015B)	TPHd (8015B)	~~BTEX (8021B)~~ VOCs (8260B)	LUFT 5metals	As, Cd, Cr, Cu, Fe, Pb, Hg, Ni, Ag, Zn	BTEX (8021B)	Other	Comments
	UST #1	7/28/12		2	VOA	X					X				X			X					
X	↓			1	1L amber	X					X					X	X						
				1	500 mL poly	X							X							X			
	UST #2		10:22	1	5 Tubes		X								X	X	X	X		X			
Stockpile A-D				4	5 Tubes		X								X	X	X		X		X		

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By:	Date:	Time:	Received By:
[signature]	7/30/12	12:40	[signature]
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 3.5
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

PRESERVATION: VOAS ✓ O&G METALS ✓ pH<2 OTHER

COMMENTS: composite stockpile samples A to D in lab to form one sample labeled as "Stockpile A-D"

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

1207737

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☒ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

RUSH

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: John Love	Bill To: Same
Company: Geocon Consultants, Inc.	
	E-Mail: love@geoconinc.com
Tele: (925) 371-5900	Fax: (925) 371-5915
Project #: E8585-06-09	Project Name: Toll Plaza UST Remove
Project Location: Bay Bridge	
Sampler Signature:	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: ICE	HCL	HNO_3	Other	Analysis Request: TPHg (8015B)	TPHmo (8015B)	TPHd (8015B)	~~BTEX (8021B)~~ VOCs (8260B)	LUFT 5metals	As, Cd, Cr, Cu, Fe, Pb, Hg, Ni, Ag, Zn	BTEX (8021B)	Other	Comments
	UST #1	7/28/12		2	VOA	X					X				X			X					
	↓			1	1L amber	X					X					X	X						
↓				1	500 mL poly	X							X							X			
	UST #2		10:22	1	5g tube		X								X	X	X	X		X			
	stockpile A-D			4	5g tube		X								X	X	X		X		X		

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By:	Date:	Time:	Received By:
	7/30/12	12:40	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 3.5
GOOD CONDITION ✓
HEAD SPACE ABSENT ✓
DECHLORINATED IN LAB ✓
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB ✓
PRESERVATION VOAs ✓ O&G METALS ✓ OTHER pH<2 ✓

COMMENTS: composite stockpile samples A to D in lab to form one sample labeled as "Stockpile A-D"

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1207737 **ClientCode: GECL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ EQuIS ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
John Love
GEOCON Env. Consultants
6671 Brisa St
Livermore, CA 94550
925-371-5900 FAX: 925-371-5915

Email: love@geoconinc.com; Livermore@geoconi
cc:
PO:
ProjectNo: #E8585-06-09; Toll Plaza UST Remove

Bill to:
Accounts Payable
GEOCON Env. Consultants
6671 Brisa St
Livermore, CA 94550

Requested TAT: 1 day

Date Received: 07/30/2012
Date Printed: 07/30/2012

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1207737-001	UST#1	Water	7/28/2012	☐		B		C		A			C			
1207737-002	UST#2	Soil	7/28/2012 10:22	☐	A		A		A			A				
1207737-003	Stockpile A-D	Soil	7/28/2012	☐					A		A			A		

Test Legend:

1	8260B_S	2	8260B_W	3	ALKIMET_S	4	ALKIMET_W	5	G-MBTEX_S
6	G-MBTEX_W	7	LUFT_S	8	METALSMS_S	9	METALSMS_W	10	TPH(DMO)_S
11		12							

The following SampIDs: 001A, 002A contain testgroup.

Prepared by: Maria Venegas

Comments: 24hr Rush

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

McCampbell Analytical, Inc.
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http://www.mccampbell.com / E-mail: main@mccampbell.com

Sample Receipt Checklist

Client Name: **GEOCON Env. Consultants**

Date and Time Received: **7/30/2012 12:41:21 PM**

Project Name: **#E8585-06-09; Toll Plaza UST Remove**

LogIn Reviewed by: Maria Venegas

WorkOrder N°: **1207737** Matrix: Soil/Water

Carrier: Client Drop-In

Chain of Custody (COC) Information

Chain of custody present?	Yes ☑	No ☐
Chain of custody signed when relinquished and received?	Yes ☑	No ☐
Chain of custody agrees with sample labels?	Yes ☑	No ☐
Sample IDs noted by Client on COC?	Yes ☑	No ☐
Date and Time of collection noted by Client on COC?	Yes ☑	No ☐
Sampler's name noted on COC?	Yes ☐	No ☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes ☐	No ☐	NA ☑
Shipping container/cooler in good condition?	Yes ☑	No ☐	
Samples in proper containers/bottles?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes ☑	No ☐	
Container/Temp Blank temperature	Cooler Temp: 3.5°C		NA ☐
Water - VOA vials have zero headspace / no bubbles?	Yes ☑	No ☐	No VOA vials submitted ☐
Sample labels checked for correct preservation?	Yes ☑	No ☐	
Metal - pH acceptable upon receipt (pH<2)?	Yes ☑	No ☐	NA ☐
Samples Received on Ice?	Yes ☑	No ☐	

(Ice Type: WET ICE)

** NOTE: If the "No" box is checked, see comments below.*

Comments:

McCampbell Analytical, Inc.
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http://www.mccampbell.com / E-mail: main@mccampbell.com

GEOCON Env. Consultants	Client Project ID: #E8585-06-09; Toll Plaza UST Remove	Date Sampled: 07/28/12
6671 Brisa St		Date Received: 07/30/12
Livermore, CA 94550	Client Contact: John Love	Date Extracted: 07/30/12
	Client P.O.:	Date Analyzed: 07/30/12

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1207737

Lab ID	1207737-002A
Client ID	UST#2
Matrix	Soil

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	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	ND	1.0	0.005	sec-Butyl benzene	ND	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	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	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
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	0.004	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	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	0.048	1.0	0.005	n-Propyl benzene	ND	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	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	0.005	Xylenes, Total	ND	1.0	0.005

Surrogate Recoveries (%)

%SS1:	104	%SS2:	101
%SS3:	111		

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/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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GEOCON Env. Consultants	Client Project ID: #E8585-06-09; Toll Plaza UST Remove	Date Sampled: 07/28/12
		Date Received: 07/30/12
6671 Brisa St	Client Contact: John Love	Date Extracted: 07/30/12
Livermore, CA 94550	Client P.O.:	Date Analyzed: 07/30/12

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

Extraction Method: SW5030B | Analytical Method: SW8260B | Work Order: 1207737

Lab ID	1207737-001B
Client ID	UST#1
Matrix	Water

Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	10	tert-Amyl methyl ether (TAME)	ND	1.0	0.5
Benzene	ND	1.0	0.5	Bromobenzene	ND	1.0	0.5
Bromochloromethane	ND	1.0	0.5	Bromodichloromethane	ND	1.0	0.5
Bromoform	ND	1.0	0.5	Bromomethane	ND	1.0	0.5
2-Butanone (MEK)	ND	1.0	2.0	t-Butyl alcohol (TBA)	ND	1.0	2.0
n-Butyl benzene	ND	1.0	0.5	sec-Butyl benzene	ND	1.0	0.5
tert-Butyl benzene	ND	1.0	0.5	Carbon Disulfide	ND	1.0	0.5
Carbon Tetrachloride	ND	1.0	0.5	Chlorobenzene	ND	1.0	0.5
Chloroethane	ND	1.0	0.5	Chloroform	ND	1.0	0.5
Chloromethane	ND	1.0	0.5	2-Chlorotoluene	ND	1.0	0.5
4-Chlorotoluene	ND	1.0	0.5	Dibromochloromethane	ND	1.0	0.5
1,2-Dibromo-3-chloropropane	ND	1.0	0.2	1,2-Dibromoethane (EDB)	ND	1.0	0.5
Dibromomethane	ND	1.0	0.5	1,2-Dichlorobenzene	ND	1.0	0.5
1,3-Dichlorobenzene	ND	1.0	0.5	1,4-Dichlorobenzene	ND	1.0	0.5
Dichlorodifluoromethane	ND	1.0	0.5	1,1-Dichloroethane	ND	1.0	0.5
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.5	1,1-Dichloroethene	ND	1.0	0.5
cis-1,2-Dichloroethene	ND	1.0	0.5	trans-1,2-Dichloroethene	ND	1.0	0.5
1,2-Dichloropropane	ND	1.0	0.5	1,3-Dichloropropane	ND	1.0	0.5
2,2-Dichloropropane	ND	1.0	0.5	1,1-Dichloropropene	ND	1.0	0.5
cis-1,3-Dichloropropene	ND	1.0	0.5	trans-1,3-Dichloropropene	ND	1.0	0.5
Diisopropyl ether (DIPE)	ND	1.0	0.5	Ethylbenzene	ND	1.0	0.5
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.5	Freon 113	ND	1.0	10
Hexachlorobutadiene	ND	1.0	0.5	Hexachloroethane	ND	1.0	0.5
2-Hexanone	ND	1.0	0.5	Isopropylbenzene	ND	1.0	0.5
4-Isopropyl toluene	ND	1.0	0.5	Methyl-t-butyl ether (MTBE)	ND	1.0	0.5
Methylene chloride	ND	1.0	0.5	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.5
Naphthalene	0.76	1.0	0.5	n-Propyl benzene	ND	1.0	0.5
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloroethane	ND	1.0	0.5
1,1,2,2-Tetrachloroethane	ND	1.0	0.5	Tetrachloroethene	ND	1.0	0.5
Toluene	ND	1.0	0.5	1,2,3-Trichlorobenzene	ND	1.0	0.5
1,2,4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroethane	ND	1.0	0.5
1,1,2-Trichloroethane	ND	1.0	0.5	Trichloroethene	ND	1.0	0.5
Trichlorofluoromethane	ND	1.0	0.5	1,2,3-Trichloropropane	ND	1.0	0.5
1,2,4-Trimethylbenzene	ND	1.0	0.5	1,3,5-Trimethylbenzene	ND	1.0	0.5
Vinyl Chloride	ND	1.0	0.5	Xylenes, Total	ND	1.0	0.5

Surrogate Recoveries (%)

%SS1:	107	%SS2:	93
%SS3:	106		

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/method detection limit; N/A means analyte not applicable to this analysis; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

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

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GEOCON Env. Consultants	Client Project ID: #E8585-06-09; Toll Plaza UST Remove	Date Sampled: 07/28/12
6671 Brisa St		Date Received: 07/30/12
	Client Contact: John Love	Date Extracted: 07/30/12
Livermore, CA 94550	Client P.O.:	Date Analyzed: 07/31/12

Alkali Metals by ICP*

Extraction method: E200.7/SW3050B Analytical methods: E200.7/SW6010B Work Order: 1207737

Lab ID	Client ID	Matrix	Extraction Type	Iron	DF	% SS	Comments
1207737-001C	UST#1	W	TOTAL	35,000	1	116	
1207737-002A	UST#2	S	TOTAL	11,000	10	113	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	20	µg/L
	S	TOTAL	15	mg/Kg

*water/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 recovery outside of acceptance range due to matrix interference; & means low or no surrogate due to matrix interference; ND means not detected above the reporting limit/method detection limit; N/A means not applicable to this sample or instrument; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

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GEOCON Env. Consultants	Client Project ID: #E8585-06-09; Toll Plaza UST Remove	Date Sampled: 07/28/12
		Date Received: 07/30/12
6671 Brisa St	Client Contact: John Love	Date Extracted 07/30/12
Livermore, CA 94550	Client P.O.:	Date Analyzed 07/30/12

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

Extraction method: SW5030B Analytical methods: SW8015Bm Work Order: 1207737

Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
001A	UST#1	W	ND	1	85	
002A	UST#2	S	ND	1	97	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	µg/L
	S	1.0	mg/Kg

* water and vapor samples are reported 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 in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:

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GEOCON Env. Consultants	Client Project ID: #E8585-06-09; Toll Plaza UST Remove	Date Sampled: 07/28/12
		Date Received: 07/30/12
6671 Brisa St	Client Contact: John Love	Date Extracted: 07/30/12
Livermore, CA 94550	Client P.O.:	Date Analyzed: 07/30/12

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

Extraction method: SW5030B | Analytical methods: SW8021B/8015Bm | Work Order: 1207737

Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Comments
003A	Stockpile A-D	S	180	---	ND<0.10	ND<0.10	0.18	1.2	20	97	d7

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	5.0	0.5	0.5	0.5	0.5	ug/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

* water and vapor samples are reported 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 in mg/L.

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
d7) strongly aged gasoline or diesel range compounds are significant in the TPH(g) chromatogram

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GEOCON Env. Consultants	Client Project ID: #E8585-06-09; Toll Plaza UST Remove	Date Sampled: 07/28/12
		Date Received: 07/30/12
6671 Brisa St	Client Contact: John Love	Date Extracted: 07/30/12
Livermore, CA 94550	Client P.O.:	Date Analyzed: 07/31/12

LUFT 5 Metals*

Extraction method: SW3050B | Analytical methods: SW6010B | Work Order: 1207737

Lab ID	Client ID	Matrix	Extraction Type	Cadmium	Chromium	Lead	Nickel	Zinc	DF	% SS	Comments
003A	Stockpile A-D	S	TOTAL	ND	55	120	49	260	1	118	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA	NA	NA	NA	
	S	TOTAL	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/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

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GEOCON Env. Consultants	Client Project ID: #E8585-06-09; Toll Plaza UST Remove	Date Sampled: 07/28/12
		Date Received: 07/30/12
6671 Brisa St	Client Contact: John Love	Date Extracted: 07/30/12
Livermore, CA 94550	Client P.O.:	Date Analyzed: 07/30/12

Metals*

Extraction Method: SW3050B | Analytical Method: SW6020 | Work Order: 1207737

					Reporting Limit for DF =1	
Lab ID	1207737-002A					
Client ID	UST#2					
Matrix	Soil					
DF	1					
Extraction Type	TOTAL				S	W
Compound	**Concentration**				mg/kg	µg/L
Arsenic	3.1				0.5	NA
Cadmium	ND				0.25	NA
Chromium	39				0.5	NA
Copper	5.0				0.5	NA
Lead	6.3				0.5	NA
Mercury	ND				0.05	NA
Nickel	29				0.5	NA
Silver	ND				0.5	NA
Zinc	310				5.0	NA
Surrogate Recoveries (%)						
%SS:	109					
Comments						

*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/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

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GEOCON Env. Consultants	Client Project ID: #E8585-06-09; Toll Plaza UST Remove	Date Sampled: 07/28/12
		Date Received: 07/30/12
6671 Brisa St	Client Contact: John Love	Date Extracted: 07/30/12
Livermore, CA 94550	Client P.O.:	Date Analyzed: 07/30/12

Metals*

Extraction Method: E200.8 | Analytical Method: E200.8 | Work Order: 1207737

					Reporting Limit for DF =1	
Lab ID	1207737-001C					
Client ID	UST#1					
Matrix	Water					
DF	10					
Extraction Type	TOTAL				S	W
Compound	**Concentration**				µg/kg	µg/L
Arsenic	8.5				NA	0.5
Cadmium	ND<2.5				NA	0.25
Chromium	62				NA	0.5
Copper	55				NA	0.5
Lead	84				NA	0.5
Mercury	ND<0.25				NA	0.025
Nickel	69				NA	0.5
Silver	ND<1.9				NA	0.19
Zinc	200				NA	5.0
Surrogate Recoveries (%)						
%SS:	105					
Comments	a12					

*water samples are reported in µg/L, product/oil/non-aqueous liquid samples and all TCLP / WET / DI WET / 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/method detection limit; N/A means not applicable to this sample or instrument.

TOTAL = Hot acid digestion of a representative sample aliquot.
TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.
DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

a12) reporting limit raised due to high non-reported metals content.

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GEOCON Env. Consultants	Client Project ID: #E8585-06-09; Toll Plaza UST Remove	Date Sampled: 07/28/12
		Date Received: 07/30/12
6671 Brisa St	Client Contact: John Love	Date Extracted: 07/30/12
Livermore, CA 94550	Client P.O.:	Date Analyzed: 07/30/12

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3510C/SW3550B Analytical methods: SW8015B Work Order: 1207737

Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)	TPH-Motor Oil (C18-C36)	DF	% SS	Comments
1207737-001A	UST#1	W	230	690	2	86	e7,e2
1207737-002A	UST#2	S	87	480	50	123	e7,e2
1207737-003A	Stockpile A-D	S	2100	1200	50	108	e1

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	50	250	µg/L
	S	1.0	5.0	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; %SS = Percent Recovery of Surrogate Standard; DF = Dilution Factor

The following descriptions of the TPH chromatogram are cursory in nature and McCampbell Analytical is not responsible for their interpretation:
e1) unmodified or weakly modified diesel is significant
e2) diesel range compounds are significant; no recognizable pattern
e7) oil range compounds are significant

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 69451 | WorkOrder: 1207737

EPA Method: SW8260B **Extraction: SW5030B** **Spiked Sample ID: 1207668-002A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
tert-Amyl methyl ether (TAME)	ND	0.050	78.4	78.2	0.191	75.9	56 - 94	30	50 - 135
Benzene	ND	0.050	86.2	85.7	0.552	85.1	60 - 106	30	70 - 137
t-Butyl alcohol (TBA)	ND	0.20	103	105	1.72	96.5	56 - 140	30	50 - 143
Chlorobenzene	ND	0.050	87.3	86.7	0.600	87.4	61 - 108	30	69 - 133
1,2-Dibromoethane (EDB)	ND	0.050	89	87.4	1.82	86.9	54 - 119	30	61 - 135
1,2-Dichloroethane (1,2-DCA)	ND	0.050	78.3	78.8	0.628	75.7	48 - 115	30	64 - 133
1,1-Dichloroethene	ND	0.050	73.7	72.8	1.23	74.9	46 - 111	30	65 - 142
Diisopropyl ether (DIPE)	ND	0.050	80.6	79.6	1.23	79.1	53 - 111	30	65 - 134
Ethyl tert-butyl ether (ETBE)	ND	0.050	83.5	82.7	0.909	80.4	61 - 104	30	61 - 127
Methyl-t-butyl ether (MTBE)	ND	0.050	82.1	82.3	0.323	79.7	58 - 107	30	65 - 130
Toluene	ND	0.050	91	90.3	0.814	90.5	64 - 114	30	70 - 146
Trichloroethene	ND	0.050	90.9	89.9	1.06	89.2	60 - 116	30	66 - 143
%SS1:	87	0.12	90	91	0.466	90	64 - 117	30	70 - 130
%SS2:	100	0.12	101	101	0	99	79 - 133	30	70 - 130
%SS3:	92	0.012	92	94	1.80	98	88 - 121	30	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 69451 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1207737-002A	07/28/12 10:22 AM	07/30/12	07/30/12 4:53 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.

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QA/QC Officer

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QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 69526 | WorkOrder: 1207737

EPA Method: SW8260B | **Extraction: SW5030B** | **Spiked Sample ID: 1207737-001B**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
tert-Amyl methyl ether (TAME)	ND	10	99	94.2	5.00	93.9	70 - 130	20	70 - 130
Benzene	ND	10	89.9	88.2	1.93	91.8	70 - 130	20	76 - 106
t-Butyl alcohol (TBA)	ND	40	116	111	4.08	106	70 - 130	20	70 - 130
Chlorobenzene	ND	10	91.6	90.7	1.00	94.8	70 - 130	20	79 - 105
1,2-Dibromoethane (EDB)	ND	10	103	102	1.42	102	70 - 130	20	76 - 116
1,2-Dichloroethane (1,2-DCA)	ND	10	109	104	4.24	105	70 - 130	20	69 - 111
1,1-Dichloroethene	ND	10	79	78.1	1.24	82.8	70 - 130	20	70 - 104
Diisopropyl ether (DIPE)	ND	10	98.2	95.3	2.93	101	70 - 130	20	79 - 111
Ethyl tert-butyl ether (ETBE)	ND	10	99.4	95.7	3.81	98	70 - 130	20	70 - 130
Methyl-t-butyl ether (MTBE)	ND	10	103	100	2.98	102	70 - 130	20	70 - 130
Toluene	ND	10	85	85.8	0.974	89.7	70 - 130	20	70 - 130
Trichloroethene	ND	10	90	88.8	1.26	92.8	70 - 130	20	70 - 130
%SS1:	107	25	105	106	0.834	104	70 - 130	20	70 - 130
%SS2:	93	25	92	93	1.74	95	70 - 130	20	70 - 130
%SS3:	106	2.5	105	109	3.32	110	70 - 130	20	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 69526 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1207737-001B	07/28/12	07/30/12	07/30/12 1:38 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.

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

Laboratory extraction solvents such as methylene chloride and acetone may occasionally appear in the method blank at low levels.

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QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 69432 | WorkOrder: 1207737

EPA Method: SW6010B **Extraction: SW3050B** **Spiked Sample ID: 1207658-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Iron	16,000	100	NR	NR	NR	108	N/A	N/A	75 - 125
%SS:	101	500	102	105	3.72	107	70 - 130	30	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 69432 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1207737-002A	07/28/12 10:22 AM	07/30/12	07/31/12 11:19 AM				

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 applicable to this method.

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.

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QC SUMMARY REPORT FOR E200.7

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 69454 | WorkOrder: 1207737

EPA Method: E200.7 | **Extraction: E200.7** | **Spiked Sample ID: 1207549-002A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Iron	ND	1000	94.6	94.5	0.0952	92.2	70 - 130	20	85 - 115
%SS:	105	750	100	104	3.75	104	70 - 130	30	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 69454 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1207737-001C	07/28/12	07/30/12	07/31/12 11:56 AM				

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 applicable to this method.

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.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 69449 | WorkOrder: 1207737

EPA Method: SW8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1207668-002A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)£	ND	0.60	109	106	3.32	111	70 - 130	20	70 - 130
MTBE	ND	0.10	85.5	85.1	0.464	84.7	70 - 130	20	70 - 130
Benzene	ND	0.10	104	99.7	3.94	102	70 - 130	20	70 - 130
Toluene	ND	0.10	104	101	2.40	101	70 - 130	20	70 - 130
Ethylbenzene	ND	0.10	102	102	0	99.9	70 - 130	20	70 - 130
Xylenes	ND	0.30	103	105	2.71	101	70 - 130	20	70 - 130
%SS:	115	0.10	126	105	17.6	120	70 - 130	20	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 69449 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1207737-002A	07/28/12 10:22 AM	07/30/12	07/30/12 3:39 PM	1207737-003A	07/28/12	07/30/12	07/30/12 11:04 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 = matrix interference and/or 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.

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QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 69523 | WorkOrder: 1207737

EPA Method: SW8015Bm **Extraction: SW5030B** **Spiked Sample ID: 1207737-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex)[£]	ND	60	105	107	1.45	106	70 - 130	20	70 - 130
MTBE	ND	10	98.9	95	3.79	87.2	70 - 130	20	70 - 130
Benzene	ND	10	98	94	4.17	91.3	70 - 130	20	70 - 130
Toluene	ND	10	101	97.8	3.10	96.7	70 - 130	20	70 - 130
Ethylbenzene	ND	10	103	100	2.74	96.1	70 - 130	20	70 - 130
Xylenes	ND	30	106	103	2.18	98.3	70 - 130	20	70 - 130
%SS:	85	10	91	90	1.31	90	70 - 130	20	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 69523 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1207737-001A	07/28/12	07/30/12	07/30/12 4:44 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 = matrix interference and/or 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, or inconsistency in sample containers.

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QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 69452 | WorkOrder: 1207737

EPA Method: SW6010B **Extraction: SW3050B** **Spiked Sample ID: 1207670-003A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Cadmium	ND	50	99.6	101	1.40	98.7	75 - 125	25	75 - 125
Chromium	11	50	98.7	104	4.11	98.3	75 - 125	25	75 - 125
Lead	44	50	101	109	4.54	97.6	75 - 125	25	75 - 125
Nickel	10	50	94.9	100	4.41	97.9	75 - 125	25	75 - 125
Zinc	97	500	107	110	2.38	102	75 - 125	25	75 - 125
%SS:	96	500	94	95	0.106	100	70 - 130	20	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 69452 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1207737-003A	07/28/12	07/30/12	07/31/12 9:47 AM				

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 applicable to this method.

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.

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QC SUMMARY REPORT FOR SW6020

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 69412 | WorkOrder: 1207737

EPA Method: SW6020 **Extraction: SW3050B** **Spiked Sample ID: 1207633-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Arsenic	12	50	108	102	4.78	107	75 - 125	20	75 - 125
Cadmium	0.99	50	109	104	5.26	108	75 - 125	20	75 - 125
Chromium	66	50	92.6	84.2	3.79	107	75 - 125	20	75 - 125
Copper	83	50	97.6	83.8	5.36	109	75 - 125	20	75 - 125
Lead	61	50	104	93.4	4.63	104	75 - 125	20	75 - 125
Mercury	0.41	1.25	109	103	4.38	110	75 - 125	20	75 - 125
Nickel	51	50	102	92	4.79	108	75 - 125	20	75 - 125
Silver	1.1	50	108	103	4.57	108	75 - 125	20	75 - 125
Zinc	160	500	109	102	5.61	110	75 - 125	20	75 - 125
%SS:	120	500	113	110	3.28	111	70 - 130	20	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 69412 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1207737-002A	07/28/12 10:22 AM	07/30/12	07/30/12 10:02 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 applicable to this method.

NR = matrix interference and/or 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.

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QC SUMMARY REPORT FOR E200.8

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 69415 | WorkOrder: 1207737

EPA Method: E200.8 | **Extraction: E200.8** | **Spiked Sample ID: 1207549-002A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Arsenic	2.3	50	103	102	0.933	106	70 - 130	20	85 - 115
Cadmium	ND	50	102	101	0.473	106	70 - 130	20	85 - 115
Chromium	ND	50	94.4	93.4	1.07	98.7	70 - 130	20	85 - 115
Copper	20	50	98.1	96.9	0.856	106	70 - 130	20	85 - 115
Lead	ND	50	101	101	0	104	70 - 130	20	85 - 115
Mercury	ND	1.25	109	110	0.507	110	70 - 130	20	85 - 115
Nickel	0.68	50	97.9	97.3	0.626	104	70 - 130	20	85 - 115
Silver	ND	50	99.4	98.9	0.484	105	70 - 130	20	85 - 115
Zinc	ND	500	100	99.9	0.495	107	70 - 130	20	85 - 115
%SS:	104	750	104	104	0	102	70 - 130	20	85 - 115

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

BATCH 69415 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1207737-001C	07/28/12	07/30/12	07/30/12 9:32 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 applicable to this method.

NR = matrix interference and/or 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.

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 69450 | WorkOrder: 1207737

EPA Method: SW8015B | **Extraction: SW3550B** | **Spiked Sample ID: 1207668-001A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	ND	40	108	109	1.37	108	70 - 130	30	70 - 130
%SS:	98	25	95	96	0.903	93	70 - 130	30	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 69450 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1207737-002A	07/28/12 10:22 AM	07/30/12	07/30/12 6:28 PM	1207737-003A	07/28/12	07/30/12	07/30/12 8:44 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.

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QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Water | QC Matrix: Water | BatchID: 69509 | WorkOrder: 1207737

EPA Method: SW8015B **Extraction: SW3510C** **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH-Diesel (C10-C23)	N/A	1000	N/A	N/A	N/A	118	N/A	N/A	70 - 130
%SS:	N/A	625	N/A	N/A	N/A	104	N/A	N/A	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 69509 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1207737-001A	07/28/12	07/30/12	07/30/12 5:19 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.

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JR QA/QC Officer

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Analytical Report

GEOCON Env. Consultants	Client Project ID: #E8585-06-09; Toll Plaza UST Remove	Date Sampled: 07/28/12
		Date Received: 07/30/12
6671 Brisa St	Client Contact: John Love	Date Reported: 08/03/12
Livermore, CA 94550	Client P.O.:	Date Completed: 08/03/12

WorkOrder: 1207737 A

August 03, 2012

Dear John:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#E8585-06-09; Toll Plaza UST Remove,**
2) QC data for the above sample, and
3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

McCAMPBELL ANALYTICAL, INC.

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1207737

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☒ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

RUSH

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: John Love	Bill To: Same
Company: Geocon Consultants, Inc.	
	E-Mail: love@geoconinc.com
Tele: (925) 371-5900	Fax: (925) 371-5915
Project #: E8585-06-09	Project Name: Toll Plaza UST Remove
Project Location: Bay Bridge	
Sampler Signature:	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX Water	MATRIX Soil	MATRIX Air	MATRIX Sludge	MATRIX Other	METHOD PRESERVED ICE	METHOD PRESERVED HCL	METHOD PRESERVED HNO_3	METHOD PRESERVED Other	Analysis Request: TPHg (8015B)	TPHmo (8015B)	TPHd (8015B)	~~BTEX (8021B)~~ VOCs (8260B)	LUFT 5metals	As, Cd, Cr, Cu, Fe, Pb, Hg, Ni, Ag, Zn	BTEX (8021B)	STLC Pb, Cr 8/1/12 48hr	Other	Comments
	UST #1	7/28/12		2	VOA	X					X				X			X						
				1	1L amb	X					X					X	X							
				1	500 ml	X							X							X				
	UST #2		10:22	1	Soil Tube		X								X	X	X	X		X				
Stockpile	A-D			4	Soil Tube		X								X	X	X		X		X	X		

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By:	Date:	Time:	Received By:
	7/30/12	12:40	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 3.5
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB ✓
APPROPRIATE CONTAINERS
PRESERVED IN LAB

PRESERVATION VOAS ✓ O&G METALS ✓ OTHER
pH<2 ✓

COMMENTS: composite stockpile samples A to D in lab to form one sample labeled as "Stockpile A-D"

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1207737 A **ClientCode: GECL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
John Love
GEOCON Env. Consultants
6671 Brisa St
Livermore, CA 94550
925-371-5900 FAX: 925-371-5915

Email: love@geoconinc.com; Livermore@geoconi
cc:
PO:
ProjectNo: #E8585-06-09; Toll Plaza UST Remove

Bill to:
Accounts Payable
GEOCON Env. Consultants
6671 Brisa St
Livermore, CA 94550

Requested TAT: 1 day
Date Received: 07/30/2012
Date Add-On: 08/01/2012
Date Printed: 08/01/2012

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below) 1	2	3	4	5	6	7	8	9	10	11	12
1207737-003	Stockpile A-D	Soil	7/28/2012	☐	A											

Test Legend:

1	STLC_PBCR_S	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments: 24hr Rush. STLC Pb,Cr added to sample 003 8/1/12 48hr

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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GEOCON Env. Consultants	Client Project ID: #E8585-06-09; Toll Plaza UST Remove	Date Sampled: 07/28/12
		Date Received: 07/30/12
6671 Brisa St	Client Contact: John Love	Date Extracted: 08/01/12-08/03/12
Livermore, CA 94550	Client P.O.:	Date Analyzed: 08/03/12

Lead & Chromium*

Extraction method: CA Title 22 | Analytical methods: SW6010B | Work Order: 1207737

Lab ID	Client ID	Matrix	Extraction Type	Chromium	Lead	DF	% SS	Comments
003A	Stockpile A-D	S	WET	0.21	19	1	N/A	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	NA	NA	
	S	WET	0.05	0.2	mg/L	

*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/method detection limit; N/A means not applicable to this sample or instrument.

WET = Waste Extraction Test, i.e., STLC (Soluble Threshold Limit Concentration).
DI WET = Waste Extraction Test using DI water (DI STLC).

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

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QC SUMMARY REPORT FOR SW6010B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 69513 | WorkOrder: 1207737

EPA Method: SW6010B | **Extraction: CA Title 22** | **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Chromium	N/A	1	N/A	N/A	N/A	91.5	N/A	N/A	75 - 125
Lead	N/A	1	N/A	N/A	N/A	91.7	N/A	N/A	75 - 125

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

BATCH 69513 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1207737-003A	07/28/12	08/01/12	08/03/12 11:03 AM				

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 applicable to this method.

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.

DHS ELAP Certification 1644

QA/QC Officer

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

GEOCON Env. Consultants	Client Project ID: #E8585-06-09; Toll Plaza UST Remove	Date Sampled: 07/28/12
		Date Received: 07/30/12
6671 Brisa St	Client Contact: John Love	Date Reported: 08/03/12
Livermore, CA 94550	Client P.O.:	Date Completed: 08/24/12

WorkOrder: 1207737 **B**

August 24, 2012

Dear John:

Enclosed within are:

1) The results of the **1** analyzed sample from your project: **#E8585-06-09; Toll Plaza UST Remove,**
2) QC data for the above sample, and
3) A copy of the chain of custody.

All analyses were completed satisfactorily and all QC samples were found to be within our control limits.

If you have any questions or concerns, please feel free to give me a call. Thank you for choosing McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius
Laboratory Manager
McCampbell Analytical, Inc.

The analytical results relate only to the items tested.

McCAMPBELL ANALYTICAL, INC.

1534 WILLOW PASS ROAD
PITTSBURG, CA 94565-1701 1207737
Website: www.mccampbell.com Email: main@mccampbell.com
Telephone: (877) 252-9262 Fax: (925) 252-9269

CHAIN OF CUSTODY RECORD

TURN AROUND TIME ☐ RUSH ☒ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAY

RUSH

GeoTracker EDF ☐ PDF ☐ Excel ☐ Write On (DW) ☐

☐ Check if sample is effluent and "J" flag is required

Report To: John Love	Bill To: Same
Company: Geocon Consultants, Inc.	
	E-Mail: love@geoconinc.com
Tele: (925) 371-5900	Fax: (925) 371-5915
Project #: E8585-06-09	Project Name: Toll Plaza UST Remove
Project Location: Bay Bridge	
Sampler Signature:	

SAMPLE ID	LOCATION/ Field Point Name	SAMPLING Date	SAMPLING Time	# Containers	Type Containers	MATRIX: Water	Soil	Air	Sludge	Other	METHOD PRESERVED: ICE	HCL	HNO_3	Other	Analysis Request: TPHg (8015B)	TPHmo (8015B)	TPHd (8015B)	~~BTEX (8021B)~~ VOCs (8260B)	LUFT 5metals	As, Cd, Cr, Cu, Fe, Pb, Hg, Ni, Ag, Zn	BTEX (8021B)	STLC Pb, Cr 8/1/12 48hr	TCLP Pb 8/22/12 24hr	Other	Comments
	UST #1	7/28/12		2	VOA	X					X				X			X							
X	↓			1	1L amb	X					X					X	X								
				1	500 ml poly	X							X							X						
	UST #2		10:22	1	5g Tube		X								X	X	X	X			X				
	Stockpile A-D			4	5g Tube		X								X	X	X		X		X	X	X		

**MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

Relinquished By:	Date:	Time:	Received By:
	7/30/12	12:40	
Relinquished By:	Date:	Time:	Received By:
Relinquished By:	Date:	Time:	Received By:

ICE/t° 3.5
GOOD CONDITION ✓
HEAD SPACE ABSENT
DECHLORINATED IN LAB ✓
APPROPRIATE CONTAINERS ✓
PRESERVED IN LAB

PRESERVATION: VOAs ✓ O&G METALS ✓ pH<2 OTHER

COMMENTS: composite stockpile samples A to D in lab to form one sample labeled as "Stockpile A-D"

McCampbell Analytical, Inc.
1534 Willow Pass Rd
Pittsburg, CA 94565-1701
(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 1207737 B **ClientCode: GECL**

☐ WaterTrax ☐ WriteOn ☐ EDF ☐ Excel ☐ Fax ☑ Email ☐ HardCopy ☐ ThirdParty ☐ J-flag

Report to:
John Love
GEOCON Env. Consultants
6671 Brisa St
Livermore, CA 94550
925-371-5900 FAX: 925-371-5915

Email: love@geoconinc.com; Livermore@geoconi
cc:
PO:
ProjectNo: #E8585-06-09; Toll Plaza UST Remove

Bill to:
Accounts Payable
GEOCON Env. Consultants
6671 Brisa St
Livermore, CA 94550

Requested TAT: 1 day
Date Received: 07/30/2012
Date Add-On: 08/22/2012
Date Printed: 08/22/2012

Lab ID	Client ID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
1207737-003	Stockpile A-D	Soil	7/28/2012	☐	A											

Test Legend:

1	TCLP_PB_S	2		3		4		5	
6		7		8		9		10	
11		12							

Prepared by: Maria Venegas

Comments: 24hr Rush. STLC Pb,Cr added to sample 003 8/1/12 48hr. TCLP Pb added 8/22/12 per J.L.

NOTE: Soil samples are discarded 60 days after results are reported unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

GEOCON Env. Consultants	Client Project ID: #E8585-06-09; Toll Plaza UST Remove	Date Sampled: 07/28/12
		Date Received: 07/30/12
6671 Brisa St	Client Contact: John Love	Date Extracted: 08/22/12-08/23/12
Livermore, CA 94550	Client P.O.:	Date Analyzed: 08/23/12

Lead by ICP*

Extraction method: SW1311/SW3050B | Analytical methods: SW6010B | Work Order: 1207737

Lab ID	Client ID	Matrix	Extraction Type	Lead	DF	% SS	Comments
1207737-003A	Stockpile A-D	S	TCLP	ND	1	N/A	

Reporting Limit for DF =1; ND means not detected at or above the reporting limit	W	TOTAL	NA	µg/L
	S	TCLP	0.2	mg/L

*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/method detection limit; N/A means not applicable to this sample or instrument.

TCLP = Toxicity Characteristic Leaching Procedure.
DI TCLP = Toxicity Characteristic Leaching Procedure using DI water.

%SS = Percent Recovery of Surrogate Standard
DF = Dilution Factor

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

QC SUMMARY REPORT FOR SW6010B

W.O. Sample Matrix: Soil | QC Matrix: Soil | BatchID: 69992 | WorkOrder: 1207737

EPA Method: SW6010B | **Extraction: SW1311/SW3050B** | **Spiked Sample ID: N/A**

Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	Acceptance Criteria (%)		
	mg/L	mg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
Lead	N/A	1	N/A	N/A	N/A	104	N/A	N/A	75 - 125

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

BATCH 69992 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1207737-003A	07/28/12	08/22/12	08/23/12 7:13 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 applicable to this method.

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.

DHS ELAP Certification 1644

QA/QC Officer

APPENDIX E

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002690214
2. Page 1 of: 1
3. Emergency Response Phone: NRCES 510 748-1390
4. Manifest Tracking Number: 009242070 JJK

ATT: JILL BOLLOCK

5. Generator's Name and Mailing Address:
DEPARTMENT OF TRANSPORTATION CALTRANS DISTRI
111 GRAND AVENUE FLOOR 12
OAKLAND CA 94612
Generator's Phone: 510 622-8750

Generator's Site Address (if different than mailing address):
CALTRAND D-4/ EA-002874
1 TOLL PLAZA RD EB & WB I-80
OAKLAND CA 94608

6. Transporter 1 Company Name: NRC Environmental Services
U.S. EPA ID Number: CAR000003014

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

8. Designated Facility Name and Site Address:
CLEAN HARBORS
2500 WEST LOKERN RD
BUTTON WILLOW CA 93206
Facility's Phone: 661 762-6200
U.S. EPA ID Number: CAD980675276

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NON RCRA HAZARDOUS WASTE SOLID (SOIL CONTAINING CAL HAZ LEAD)	001	CM	00015	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information:
WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT JOB#/PO#: 69438 BIN#: 3337
PROFILE # CHS80584B SO#: DT4586779
CONSULTANT: GEOCON CONSULTANTS, INC. 6671 BRISA STREET, LIVERMORE, CA.

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Chris Bledsoe CB — Signature: Chris Bledsoe — Month: 08 Day: 31 Year: 12

INT'L

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

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Jerry ACOSTA — Signature: — Month: 08 Day: 31 Year: 12
Transporter 2 Printed/Typed Name: — Signature: — Month: Day: Year:

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Rhone Johns — Signature: Rhone Johns — Month: 08 Day: 31 Year: 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

NO. 240767

CLEANHARBORS BUTTONWILLOW, LLC
WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed in Chapter 7 (commencing with Section12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agiculture.

3:53 pm 09/04/12
REG. (69)
INBOUND 56700 lb

4:57 pm 09/04/12

REG. (69)
56700 lb GROSS
39880 lb TARE
16820 lb NET

WEIGHMASTER CLEANHARBORS BUTTONWILLOW, LLC

PROFILE NO. CLT5805843	GROSS WT. BY: [signature] DEPUTY	DATE 9-4-12
DISPOSAL LOCATION 35-3-17-D-19	TARE WT. BY: [signature] DEPUTY	DATE 09-04-12
DRIVER'S NAME PRINTED Steve Kyles	WEIGHING LOCATION: 2500 W. LOKERN ROAD BUTTONWILLOW, CA 93206	
DRIVER'S NAME SIGNATURE [signature]	GENERATOR D.O.T Cal Trans	
TRACTOR NO. 21	TRANSPORTER SR	
TRACTOR LIC. NO. 9D72318	MANIFEST NO. 009242072 JJK	
TRAILER LIC. NO. 2812FD	SERVICE ORDER NO. DJ4586579	
BIN NUMBERS: 3335	BIN TRACKING	

☐ END DUMP ☐ TRANSFER ☐ VACUUM ☐ VAN
☒ ROLL OFF CM ☐ FLATBED ☐ _____
1-20yd

VIS	pH	SUL	CYA	OX	FL	FLASH	20%	
F	6.71	–	–	–	N	N		
OTHER:								

IC	CR	PR	B.W. W.B.	LAB	SOLID BULK	WORK SHEET	LAND TRACK	W.T. SCAN	MAN-SCAN	RE-SCAN
3	W	W	W	W	/	/	W	@	W	

DRUM NUMBER: 28303562

COMMENTS:

BIN DROP FULL:

MOVE BIN TO: DATE: BY:

REVISED (3/10)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002690214
2. Page 1 of: 1
3. Emergency Response Phone: NRCES 510 749-1390
4. Manifest Tracking Number: 009242071 JJK

GENERATOR

5. Generator's Name and Mailing Address
DEPARTMENT OF TRANSPORTATION CALTRANS DISTRI Att JILL POLLOCK
111 GRAND AVENUE FLOOR 12
OAKLAND CA 94612
Generator's Phone: 510 622-8750

Generator's Site Address (if different than mailing address)
CALTRAND D-4/ EA-002074
1 TOLL PLAZA RD EB & WB I-80
OAKLAND CA 94608

6. Transporter 1 Company Name: NRC Environmental Services
U.S. EPA ID Number: CAR000030114

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

8. Designated Facility Name and Site Address
CLEAN HARBORS
2500 WEST LOKERN RD
BUTTON WILLOW CA 93206
Facility's Phone: 661 762-6200
U.S. EPA ID Number: CAD980675276

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NON RCRA HAZARDOUS WASTE SOLID (SOIL CONTAINING CAL HAZ LEAD)	001	CM	00015	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT JOB#/PO#: 69438 BIN#: 3336
PROFILE # CH580584B SO#: DJ4586579
CONSULTANT: GEOCON CONSULTANTS, INC. 6671 BRISA STREET, LIVERMORE, CA.

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Chris Bledsoe CX
Signature: Ch Bledsoe
Month 08 Day 31 Year 12

INT'L

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

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: JAVIER HERNDEZ
Signature:
Month 08 Day 31 Year 12

Transporter 2 Printed/Typed Name:
Signature:
Month Day Year

DESIGNATED FACILITY

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Dan House
Signature:
Month 08 Day 31 Year 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

NO. 240645

CLEANHARBORS BUTTONWILLOW, LLC
WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed in Chapter 7 (commencing with Section12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agiculture.

10:10 am 08/31/12
REG. (24)
INBOUND 69200 lb

1:39 pm 08/31/12

REG. (24)
69200 lb GROSS
36920 lb TARE
32280 lb NET

WEIGHMASTER CLEANHARBORS BUTTONWILLOW, LLC

PROFILE NO. CH5805843	GROSS WT. BY: DEPUTY DATE 8-31-12
DISPOSAL LOCATION 35-3 18019	TARE WT. BY: DEPUTY DATE 8-31-12
DRIVER'S NAME PRINTED Jerry Acosta	WEIGHING LOCATION: 2500 W. LOKERN ROAD BUTTONWILLOW, CA 93206
DRIVER'S NAME SIGNATURE	GENERATOR DOT
TRACTOR NO. 2104	TRANSPORTER NRC
TRACTOR LIC. NO. 9D20372	MANIFEST NO. 009242070 JJC
TRAILER LIC. NO. 4HT8721	SERVICE ORDER NO. DJ4586579
BIN NUMBERS: 3337	BIN TRACKING

☐ END DUMP ☐ TRANSFER ☐ VACUUM ☐ VAN
☒ ROLL OFF CM ☐ FLAT BED ☐ _____
1-20yd

VIS	pH	SUL	CYA	OX	FL	FLASH	20%	
+	9.93	-	-	-	M	M		

OTHER:

IC	CR	PR	B.W. W.B.	LAB	SOLID BULK	WORK SHEET	LAND TRACK	W.T. SCAN	MAN-SCAN	RE-SCAN
1	N	D	M	M	/	/	X	W	W	

DRUM NUMBER: 28285251

COMMENTS: LAS

BIN DROP FULL:

MOVE BIN TO: DATE: BY:

REVISED (3/10)

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: CAC002690214
2. Page 1 of: 1
3. Emergency Response Phone: NRCES 510 749-1390
4. Manifest Tracking Number: 009242072 JJK

GENERATOR

5. Generator's Name and Mailing Address: DEPARTMENT OF TRANSPORTATION CALTRANS DISTRI ATT JILL BOLLOCK
111 GRAND AVENUE FLOOR 12
OAKLAND CA 94612
Generator's Phone: 510 622-8750

Generator's Site Address (if different than mailing address):
CALTRAND D-4/ EA-002974
1 TOLL PLAZA RD EB & WB I-80
OAKLAND CA 94608

6. Transporter 1 Company Name: NRC Environmental Services
U.S. EPA ID Number: CAR000030114

7. Transporter 2 Company Name: SK TRUCKING ENT, INC.
U.S. EPA ID Number: CAR000165738

8. Designated Facility Name and Site Address:
CLEAN HARBORS
2500 WEST LOKERN RD
BUTTON WILLOW CA 93206
Facility's Phone: 661 762-6200
U.S. EPA ID Number: CAD980675276

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. NON RCRA HAZARDOUS WASTE SOLID (SOIL CONTAINING CAL HAZ LEAD)	001	CM	00015	Y	611
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
WEAR APPROPRIATE PERSONAL PROTECTIVE EQUIPMENT JOB#/PO#: 69438 BIN#: 3375
PROFILE # CH580584B SO#: 0J45986579
CONSULTANT: GEOCON CONSULTANTS, INC. 6671 BRISA STREET, LIVERMORE, CA.

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Chris Bledsoe
Signature: Ch Bledsoe
Month: 08 Day: 31 Year: 12

INT'L

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

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: David D Mason
Signature:
Month: 08 Day: 31 Year: 12

Transporter 2 Printed/Typed Name: Steve Kyles
Signature:
Month: 8 Day: 31 Year: 12

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H132 2. 3. 4.

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Dennis Barton
Signature:
Month: 9 Day: 7 Year: 12

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

NO. 240668

CLEANHARBORS BUTTONWILLOW, LLC
WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed in Chapter 7 (commencing with Section12700) of Division 5 of the California Business and Professions Code, administered by the Division of Measurement Standards of the California Department of Food and Agiculture.

WEIGHMASTER CLEANHARBORS BUTTONWILLOW, LLC

12:48 PM 08/31/12
REG. (49)
INBOUND . 65880 lb

1:26 PM 08/31/12
REG. (-49)
65880 lb GROSS
37340 lb TARE
28540 lb NET

☐ END DUMP ☐ TRANSFER ☐ VACUUM ☐ VAN
☒ ROLL OFF - CM ☐ FLAT BED ☐ _____
20 y

PROFILE NO. CH580584B		GROSS WT. BY: DEPUTY	DATE 8/31/12
DISPOSAL LOCATION 35.3 18-0-19		TARE WT. BY: DEPUTY	DATE 08-31-12
DRIVER'S NAME PRINTED JAVIER MENDEZ		WEIGHING LOCATION:	2500 W. LOKERN ROAD BUTTONWILLOW, CA 93206
DRIVER'S NAME SIGNATURE		GENERATOR	Cal Trans DOT
TRACTOR NO. 2192		TRANSPORTER	NRC
TRACTOR LIC. NO. 9E75802		MANIFEST NO.	009242071 JJK
TRAILER LIC. NO. 1XA 3909		SERVICE ORDER NO.	0J4586579
BIN NUMBERS:		BIN TRACKING	

VIS	pH	SUL	CYA	OX	FL	FLASH	20%	
T	9.72	—	—	N	N			
OTHER:								

IC	CR	PR	B.W. W.B.	LAB	SOLID BULK	WORK SHEET	LAND TRACK	W.T. SCAN	MAN-SCAN	RE-SCAN
2	R	R	AL	AL	/	/	AL		AL	

DRUM NUMBER: 28285252

COMMENTS:

BIN DROP FULL:

MOVE BIN TO: DATE: BY:

REVISED (3/10)

APPENDIX F

November 20, 2012

Mr. John Love
Geocon Consultants, Inc.
6671 Brisa Street
Livermore, CA 94550
Fax (925) 371-5915

Subject: Underground Storage Tank Removal Report
Bay Bridge Toll Plaza
Oakland, California

Dear Mr. Love:

I have reviewed and approved the above referenced document. Please submit it to the Alameda County Health Care Services Agency (ACHCSA). Should the ACHCSA require, I declare under the penalty of perjury, that to the best of my knowledge, the information contained in the attached workplan is true and correct.

If you have any questions, or need additional information, please give me a call at (510) 286-6022.

Sincerely,

Ch Bledsoe

Chris Bledsoe
Transportation Engineer
Office of Construction Environmental Engineering Support