CONESTOGA-ROVERS & ASSOCIATES				5900 Hollis Street, Suite A Emeryville, California 94608 Telephone: (510) 420-0700 Fax: (510) 420-9170 www.CRAworld.com							
			TDANC								
TRANSMITTAL											
DATE:	July 18	, 2012	Referi	ENCE NO.:	581000						
			Projec	CT NAME:	800 Franklin Stre	eet, Oakland					
To:	Mr. Jer	rry Wickham									
	Alame	da County Environme	ental Health		REG	CEIVED					
	1131 H	arbor Bay Parkway, S	Suite 250		9:38 am,	Jul 19, 2012					
	Alame	da, California				eda County					
	94502-6	6577			Environm	nental Health					
Please fin Sent via:	d enclose	d: Draft Driginals Prints Mail Overnight Co		Final Other Same Day Cou Other <u>Geot</u>	urier tracker and ACEH ft	p uploads					
QUAN				DECOUDT							
		Down-Gradient Site	e Characterizatio	DESCRIPT	ION						
	Requested Your Use		For Review as Review, Sign								
<b>COMMENTS:</b> Should you have any questions regarding the contents of the document, please contact Bryan Fong at (510) 420-3369. Thank you.											
Copy to: Complete	_	Ms. Anny Chiu Bryan A. Fong		Signed:	Bry &c	7=					
-		[Please Prin	t]								
Filing:	Correspon	ndence File									

. With respect to:

Down-Gradient Site Characterization Report Dated \_\_\_\_\_\_\_ Fuel Leak Case No. RO0000196

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge.

à.

Tommy Chin Mr. Tommy Chiu

Date



# DOWN-GRADIENT SITE CHARACTERIZATION REPORT

## CHIU PROPERTY 800 FRANKLIN STREET OAKLAND, CALIFORNIA

FUEL LEAK CASE NO. RO0000196

Prepared by: Conestoga-Rovers & Associates

5900 Hollis Street, Suite A Emeryville, California U.S.A. 94608

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

web: http://www.CRAworld.com

JULY 18, 2012 REF. NO. 581000 (13) This report is printed on recycled paper.

## TABLE OF CONTENTS

1.0	INTRODUCTION									
2.0	SITE BAC	CKGROUND	1							
	2.1	SITE DESCRIPTION	1							
	2.2	REGIONAL GEOLOGY AND HYDROGEOLOGY	2							
	2.3	LOCAL GEOLOGY AND HYDROGEOLOGY	2							
	2.4	SUMMARY OF PREVIOUS INVESTIGATIONS	3							
3.0	SITE INV	'ESTIGATION ACTIVITIES	6							
4.0	CURREN	IT INVESTIGATION RESULTS	9							
	4.1	GRAB-GROUNDWATER SAMPLE RESULTS	9							
	4.2	GROUNDWATER SAMPLING RESULTS	10							
5.0	CONCLU	JSIONS AND RECOMMENDATIONS								
	5.1	CONCLUSIONS	10							
	5.2	RECOMMENDATIONS	10							
6.0	REFEREN	NCES	11							

### LIST OF FIGURES (Following Text)

FIGURE 1	VICINITY MAP
FIGURE 2	SITE MAP
FIGURE 3	GROUNDWATER CONCENTRATION MAP - GRAB & MW-7

## LIST OF TABLES (Following Text)

- TABLE 1WELL CONSTRUCTION DETAILS
- TABLE 2GROUNDWATER ANALYTICAL AND ELEVATION DATA:<br/>PETROLEUM HYDROCARBONS

### LIST OF APPENDICES

- APPENDIX A AGENCY CORRESPONDENCE
- APPENDIX B STANDARD FIELD PROCEDURES FOR SOIL BORINGS AND MONITORING WELL INSTALLATION
- APPENDIX C PERMITS
- APPENDIX D WELL CONSTRUCTION DETAILS AND SOIL BORING LOGS
- APPENDIX E LABORATORY ANALYTICAL REPORTS
- APPENDIX F WELL DEVELOPMENT AND MONITORING FIELD DATA
- APPENDIX G WELL SURVEY DATA
- APPENDIX H WASTE DISPOSAL DOCUMENTATION
- APPENDIX I DWR WELL COMPLETION REPORTS

### 1.0 <u>INTRODUCTION</u>

On behalf of Mr. Tommy Chiu, Conestoga-Rovers & Associates (CRA) has prepared this *Down-Gradient Site Characterization Report* (Report) for the site located at 800 Franklin Street, Oakland, California (Figure 1). CRA advanced three hydropunch borings (B-7 through B-9) and installed one monitoring well (MW-7) to further assess the down-gradient extent of the hydrocarbon plume. The scope of work was performed in accordance with CRA's *Down-Gradient Site Characterization Work Plan*, dated October 12, 2010, and CRA's *Down-Gradient Site Characterization Work Plan Addendum*, dated April 25, 2011. These documents were approved by the Alameda County Environmental Health Agency (ACEH) in its letters dated November 8, 2010 and May 16, 2011. The site is referenced by ACEH as Fuel Leak Case No. RO0000196. Mr. Jerry Wickham is the ACEH Case Manager. A copy of the regulatory agency correspondence is provided in Appendix A. The site background, investigation activities, analytical results, and conclusions and recommendations are included below.

## 2.0 <u>SITE BACKGROUND</u>

## 2.1 <u>SITE DESCRIPTION</u>

The site is located in a commercial area, at the eastern corner of the intersection of 8<sup>th</sup> and Franklin Streets in Oakland, California (Figure 1). It is at an elevation of approximately 35 feet above mean sea level (amsl). The site presently has a two-story commercial building with a footprint over the entire lot (Figure 2). Retail stores currently operate on the ground floor with commercial offices above. The site is bound by commercial properties to the northeast and southeast, 8<sup>th</sup> Street to the southwest, and Franklin Street to the northwest.

Prior to 1989, the site operated as a gasoline service station. Previous investigations indicated that up to five underground storage tanks (USTs) previously existed at the site. The former USTs consisted of two 6,000-gallon gasoline USTs, one 550-gallon waste oil, and one 1,000-gallon solvent UST. These four USTs were installed circa 1970 (MES, 1989a) and subsequently removed in 1989. The 6,000-gallon USTs were formerly located in the northwest portion of the site, and the 550- and 1,000-gallon USTs were formerly located beneath the sidewalk along 8<sup>th</sup> Street. A potential fifth UST is presumed to have been located on the eastern portion of the site and removed prior to 1988; however, no documentation has been discovered regarding the size, contents, or removal of the UST.

## 2.2 <u>REGIONAL GEOLOGY AND HYDROGEOLOGY</u>

The site is located within the Coast Range geomorphic province of California. In general, the Coast Range province consists of Jurassic eugeosynclinal basement rocks and Cretaceous and Cenozoic sedimentary and volcanic rocks that have been faulted and folded with a northwest-southeast trend. Sediments beneath the site consist of coalescing alluvial deposits from the Oakland-Berkeley Hills. According to the United States Geologic Survey (USGS) Professional Paper 943, the site is located on quaternary age alluvial deposits consisting of fine to medium-grained, unconsolidated, moderately sorted, and permeable, sand, silt, and clayey silt with thin beds of coarse sand.

The site is located in the East Bay Plain Sub-basin, Groundwater Basin No. 2-9.04 (DWR 2003). The East Bay Plain Sub-basin is a northwest trending alluvial basin, bounded on the north by San Pablo Bay, on the east by the contact with Franciscan basement rock, and on the south by the Nile Cone Groundwater Basin. The East Bay Plain Sub-basin extends beneath the San Francisco Bay to the west of the site. The East Bay Plain Sub-basin aquifer system consists of unconsolidated sediments of Quaternary age. Throughout most of the East Bay Plain in the vicinity of the site, groundwater flows from east to west, towards San Francisco Bay, and typically correlates with the general topography.

From 1860 to 1930, groundwater from the East Bay Plain was the major water supply for communities in the East Bay, before Sierra water was imported into the area. By the late 1920s, the groundwater supply was too small to meet the needs of a growing population and the wells often became contaminated by seepage or saltwater intrusion. By 1929, East Bay Municipal Utility District (EBMUD) provided imported water to East Bay communities via the Mokelumne Aqueduct. This high-quality, reliable supply soon eliminated the need for local groundwater wells. In 1996, the Regional Board reviewed General Plans for Oakland and other communities. They found that Oakland did not have any plans to develop local groundwater resources for drinking water, due to existing or potential saltwater intrusion, contamination, or poor or limited quality (Regional Board 1999).

## 2.3 LOCAL GEOLOGY AND HYDROGEOLOGY

Based on previous investigations, subsurface sediments consist predominantly of fine to medium-grained sand and silty sand to approximately 36 feet. Some sand-clay mixtures were encountered in boring B-4 (Frank Lee & Associates) on the western portion of the

site from 2 to 6 feet below ground surface (ft bgs), and northwest of the site from 15 to 18 ft bgs in boring MW-6. Geotechnical soil boring logs obtained from nearby Bay Area Rapid Transit District (BART) identified fine to medium-grained sand to 40 ft bgs underlain by a low permeability, hard, silty clay from approximately 40 to 70 ft bgs.

An unconfined water-bearing zone is present beneath the site at a depth of 20 ft bgs and with a thickness of approximately 20 feet. Since 1989, the groundwater table has fluctuated approximately 4 feet from 20 to 24 ft bgs. Groundwater beneath the site flows predominantly towards the northwest. The observed flow direction may potentially be influenced by the BART tunnels, running east-west beneath 8<sup>th</sup> and Franklin Streets between 27-32 ft bgs, and/or by groundwater pumping from the BART pump station No. 2, located approximately 550 feet southwest of the site.

## 2.4 <u>SUMMARY OF PREVIOUS INVESTIGATIONS</u>

Several phases of soil and groundwater assessments have been conducted at the site since the USTs were removed in 1989. Boring and well locations are presented on Figure 2.

*May 1988:* Frank Lee & Associates performed a geotechnical investigation at the subject site to determine soil characteristics for site grading and foundation design recommendations for the proposed three-story commercial building. Soil beneath the site was observed to consist of generally moist, medium dense, fine-grained silty sand to the total explored depth of 28.5 ft bgs. Tank backfill soil was observed to approximately 15.5 ft bgs in B-3 and to a minimum depth of 6 ft bgs in B-4. Frank Lee & Associates recommended excavating surface material "to a minimum depth of 2 feet and re-compact before placement of engineered fill or construction." Soil samples were collected from 1 to 4 ft bgs for analysis of volatile organic compounds (VOCs); low to medium boiling point hydrocarbons; benzene, toluene, ethylbenzene, xylenes (BTEX); and total oil and grease (TOG). No detection of these analytes above the laboratory detection limits was reported. Soil analytical data is available in CRA's *Site Conceptual Model* report, dated July 2, 2010.

*August 1988:* LW Environmental Services, Inc. performed a soil investigation, detecting gasoline hydrocarbon concentrations in the vicinity of the USTs.

*June 1989:* The Robert J. Miller Company removed four USTs: two 6,000-gallon gasoline tanks, one 550-gallon waste-oil tank, and one 1,000-gallon solvent tank. The Traverse Group Inc. (TGI) collected soil samples from beneath each tank and visually inspected

the condition of each tank upon removal. No obvious pitting or corrosion was reported. The two gasoline USTs were removed from one excavation area in the northwestern corner of the site. The waste-oil and solvent USTs were removed from one excavation area beneath in the sidewalk south of the site, along 8<sup>th</sup>Street. Approximately 10 cubic yards of soil was deemed contaminated by TGI and stockpiled onsite. Soil that TGI determined to be clean or only slightly impacted was also stockpiled onsite. Soil samples from the excavations and stockpiles were analyzed for total petroleum hydrocarbons (TPH) as gasoline (TPHg), as diesel (TPHd), as waste oil (TPHwo), and BTEX. Additionally, samples from the waste oil and solvent UST excavation were analyzed for purgeable organics and semi-volatile organic compounds (SVOCs). High levels of fuel hydrocarbon contamination were detected in the northeast corner of the northeastern excavation and in the waste oil/solvent UST excavation.

September – October 1989: Miller Environmental Company (MEC) performed a preliminary investigation to determine whether fuel detected in soil during UST excavation activities impacted groundwater. Two former tank pits were re-excavated to approximately 15 ft bgs and approximately 25 cubic yards of additional contaminated soil was removed. Confirmation soil samples were collected from the sidewalls and base of each overexcavation. The highest reported hydrocarbon levels in the northwestern overexcavated pit were 2.3 milligrams per kilogram (mg/kg) TPHg, 80 mg/kg TPHwo, 0.05 mg/kg toluene, and 0.14 mg/kg xylenes. TPHd, benzene, and ethylbenzene were not detected above laboratory detection limits in samples collected from the northwestern pit. The highest concentrations reported in the waste oil/solvent pit were 10,000 mg/kg TPHg, 250 mg/kg TPHd, 400 mg/kg TPHwo, 50 mg/kg benzene, 210 mg/kg toluene, 54 mg/kg ethylbenzene, and 270 mg/kg xylenes. Further overexcavation in the waste oil/solvent pit was not possible due to the proximity of 8<sup>th</sup>Street and interfering utilities along the southern edge of this excavation. An estimated 32 cubic yards of contaminated soil was hauled to a Class I disposal facility. The northwestern pit was backfilled with a combination of clean fill and re-used "uncontaminated soil" from the initial excavation of the two gasoline USTs. This re-used fill was intended to be temporary and to be removed when construction took place on the property. The waste oil/solvent pit was backfilled with clean fill. In addition, monitoring wells MW-1, MW-2, and MW-3 were installed as part of this investigation. Analytical results from these borings and wells indicated soil and groundwater from boring MW-1 was not impacted by hydrocarbons. Impacted soil was detected in offsite borings MW-2 and MW-3, between 20 to 25 ft bgs. Groundwater was first encountered in each borehole at approximately 25 ft bgs. The groundwater flow direction was calculated to the west-northwest at a gradient of 0.006.

*Early 1991:* Construction of the existing building on site began in early 1991. It is reported that the ACEH concurred with MEC's conclusion that soil excavation in the 6,000-gallon UST pit was successful in removing all but minor residual hydrocarbon contamination. As a result, no objections were raised to construction activities on site. Monitoring well MW-1 was preserved in the construction process and remains accessible inside the building.

September - October 1991: MEC conducted a subsurface investigation to further define the lateral extent of offsite hydrocarbon contamination. On September 11, 1991, boring B-1 was advanced and soil samples were collected. On October 2 and 3, 1991, three borings B-2, MW-4, and MW-5 were advanced, soil samples were collected, and two monitoring wells were constructed. Groundwater was first encountered in each borehole at approximately 25 ft bgs. No hydrocarbons were detected in soil samples collected above 20 ft bgs. However, soil samples from 25 ft bgs in boreholes B-1 and B-2 detected TPHg, Total Recoverable Petroleum Hydrocarbons (TRPH), TPHd, and toluene. On October 31, 1992, groundwater was sampled from wells MW-1 through MW-5. Approximately 1/8-inch of light non-aqueous phase liquid (LNAPL) was observed in well MW-2. Groundwater analytical results indicated very low to moderate concentrations of TPHg, TPHd, BTEX, and 1,2-dichloroethane (1,2-DCA) in monitoring wells MW-1, MW-2, and MW-3. No TOG was detected above laboratory detection limits in any of the wells. Also detected in well MW-3 were 1,2-dichloropropane at 0.0007 parts per million (ppm) and 1,1,1-trichoroethane (1,1,1-TCE) at 0.0014 ppm. No hydrocarbons were detected in groundwater from offsite wells MW-4 and MW-5. However, very low levels of chloroform were detected in these two wells. See Table 2 for historical groundwater analytical results.

*May* 1997: On May 15, 1997, Associated Terra Consultants, Inc. (ATC) installed monitoring well MW-6. Soil samples were collected and analyzed. Soil samples had detectable concentrations of TPHd, BTEX, and methyl tertiary butyl ether (MTBE). TPHd was detected in soil at 10 ft bgs. BTEX were detected in soil at 25 ft bgs. MTBE was detected in soil at 30 ft bgs. See Table 3 in CRA's *Site Conceptual Model* report, dated July 2, 2010 for soil analytical results. Groundwater was first encountered at approximately 22.5 ft bgs. On May 21, 1997 ATC performed groundwater monitoring and sampling of all six site monitoring wells.

*November-December* 2006: On November 17, 2006, Cambria Environmental Technology, Inc. (Cambria) installed soil vapor probes VP-1 and VP-2 in the city sidewalks along Franklin and 8<sup>th</sup> Streets, respectively. Soil samples were collected from each soil vapor probe location at approximately 5 ft bgs. These samples were analyzed for TPHg, TPHd, and TPHmo by EPA Method 8015C; BTEX and MTBE by

EPA Method8021 B, and 1,2-DCA and chloroform by EPA Method 8260. Low levels of TPHd and TPHmo concentrations were detected in soil sample VP-1-.5.5 at 4.0 and 6.9 mg/kg, respectively. Based on these results, Cambria concluded the upper 5.5 feet of soil at locations VP-1 and VP-2 has little to no hydrocarbon impact.

On December 28, 2006, Cambria returned to the site to collect vapor samples from VP-1 and VP-2. The samples were analyzed, in accordance with the approved July 24, 2006 *Work Plan*, for benzene and tracer (leak detection) compounds isobutene, butane, and propane by modified EPA Method TO-15. No concentrations of benzene or the tracer compounds were detected.

*January-February* 2007: Since 2004, monitoring well MW-3 has been filled with debris and inaccessible. ACEH requested that this well be decommissioned and rebuilt. On January 29, 2007, Cambria destroyed well MW-3 by pressure grouting. To replace MW-3, Cambria returned to the site on February 8, 2007 to install well MW-3A. This work was performed in accordance with the approved July 24, 2006 *Work Plan*.

*July 2007:* On July 25, 2007, CRA collected a second round of vapor samples from soil vapor wells VP-1 and VP-2. Each sample was analyzed by EPA Method TO-15 GC/MS for benzene and the full VOC target list. No concentrations of benzene or tracer compounds were detected. The only chemicals detected were 2-butanone (methyl ethyl ketone), 2,2,4-Trimethylpentane, Freon 12, Acetone, and Tetrachloroethane. Detections did not exceed Regional Water Quality Control Board – San Francisco Bay Region Environmental Screening Levels (ESLs) for any of the chemicals with an established ESL.

*Groundwater Monitoring:* Groundwater monitoring was initially conducted from October 1989 through 2000, and from 2004 through October 2006. Due to some missing project files, the entire monitoring and sampling history is unknown. Groundwater is currently monitored on a semi-annual basis.

## 3.0 <u>SITE INVESTIGATION ACTIVITIES</u>

The objective of this investigation was to further characterize the hydrocarbon plume down-gradient of the source area. CRA coordinated and oversaw the drilling of three hydropunch borings (B-7 through B-9) and the collection of three grab-groundwater samples on March 11-12, 2011. Analytical data from the grab-groundwater samples was then used to determine the location of the additional proposed monitoring well MW-7. MW-7 was installed on May 22-23, 2012. Below is a summary of the investigation and well installation activities.

*Personnel Present:* The three hydropunch borings were drilled and sampled by CRA Senior Staff Geologist Bryan Fong and Vapor Tech Services (VTS), a C-57 licensed drilling subcontractor of Berkeley, California, on March 11-12, 2011. Installation of monitoring well MW-7 on May 22-23, 2012 was performed by CRA Staff Geologists Andrew Renshaw and Tarah Kirnan and VTS. All fieldwork was overseen by CRA's Senior Project Geologist Robert Foss, a California Professional Geologist (PG #7445).

*Permits:* Prior to the drilling of the three hydropunch borings and installation of MW-7, CRA obtained a boring and well permit from the ACEH. Additionally, CRA obtained obstruction, excavation, and encroachment permits from the City of Oakland. Copies of all permits are presented in Appendix C.

**Underground Service Alert and Utility Survey:** Prior to drilling activities, CRA marked the proposed boring and well locations with white paint and notified underground service alert (USA) to have subsurface utilities marked. CRA retained Underground Location Services (ULS) Corporation of San Diego, California, to locate utilities that may not have been marked by USA and to further verify the proposed boring and well locations. On March 11-12, 2011 the first 8-feet of each hydropunch boring was cleared for utilities by hand auger, and on May 22, 2012 the first 8 feet of monitoring well MW-7 was cleared for utilities by air knifing. Air knife services were provided by VTS.

*Drilling Details:* VTS advanced hydropunch borings B-7 through B-9, on March 11-12, 2011. The borings were advanced to approximately 27 ft bgs using a direct push drilling rig, equipped with 3.5-inch diameter drilling rods. No soil samples were collected or analyzed from these three borings.

On May 22-23, 2012, CRA installed monitoring well MW-7 to a depth of 35 ft bgs. The monitoring well was installed using a hollow stem auger drilling rig, equipped with 8-inch diameter augers. All drilling activities were performed by VTS (C57 License No. 916085) under CRA's supervision. No soil samples were collected or analyzed from MW-7, either.

*Grab-Groundwater Sampling and Analysis*: Grab-groundwater samples were collected from hydropunch borings B-7 through B-9. The borings were drilled to approximately 27 ft bgs, then drilling rods were retracted from the bottom 4 feet of the boring to expose a stainless steel screen. The grab-groundwater samples were then collected using a new clean disposable bailer. The samples were collected in the appropriate laboratory-supplied containers, labeled, placed in an ice-chilled cooler, and transported under chain-of-custody (COC) manifest to McCampbell Analytical (McCampbell) of Pittsburg, California. CRA's standard field procedures for soil boring and monitoring well installation are presented in Appendix B.

Grab-groundwater samples were analyzed for TPHg by EPA Method 8015Bm and BTEX by EPA Method 8021B.

*Monitoring Well Installation:* Monitoring well MW-7 was constructed using 2-inch diameter, schedule 40 polyvinyl chloride (PVC) casing with 0.010-inch slot-screen from 18 to 35 fbg. Monterey Sand #2/16 was used as a filter pack from the bottom of the boring to 2-feet above the top of screen intervals. A two-foot thick bentonite seal was placed above the sand pack from 14 to 16 fbg. The remainder of the annular space was filled with neat Portland Type I/II cement to grade. A traffic rated well box was installed on the monitoring well, flush with the ground surface. Well construction details are shown on Table 1 and the boring log for MW-7 is presented in Appendix D. CRA's standard field procedures for soil boring and monitoring well installation are presented in Appendix B.

*Well Development, Sampling, and Analysis:* VTS developed MW-7 on June 8, 2012 using a surge block and purge method to remove fine-grained particles and increase hydraulic conductivity to the well. Well development data sheets are provided in Appendix F.

Monitoring well MW-7 was gauged and sampled on June 25, 2012 by Muskan Environmental Sampling (MES) of Yuba City, CA. Field activities associated with groundwater sampling included low flow well purging, measuring groundwater parameters and sample collection. Well MW-7 was purged prior to sampling by placing the clean intake tube of a peristaltic pump approximately 1 foot below the initial water level. Depth to water was measured prior to, during, and at the termination of low-flow purging, and also immediately prior to sample collection. Temperature, pH, specific conductivity, oxygen reduction potential (ORP), and dissolved oxygen (DO) were measured initially and at regular volume intervals. Well purging continued until consecutive pH, specific conductivity, and temperature measurements were relatively stable. Groundwater samples were collected using the peristaltic pump and decanted into the appropriate laboratory-supplied containers, labeled, placed in an ice-chilled cooler, and transported under COC manifest to McCampbell. Groundwater samples were analyzed for TPHg by EPA Method 8015Bm, BTEX by EPA Method 8021B, and TPHd by EPA Method 8015B with silica gel clean-up. The analytical results are presented on Table 2 and summarized on Figure 3. The analytical lab report is presented in Appendix E and the field data sheets are provided in Appendix F.

*Monitoring Well Survey:* On June 8, 2012, monitoring well MW-7 was surveyed by Virgil Chavez Land Surveying, of Vallejo, California (a California-licensed land surveyor, #6323). The latitude, longitude, and top of casing elevation coordinates were based on the California State Coordinate System, Zone III (NAD83) and benchmark elevation 33.84 feet (NGVD 29). A copy of the well survey report is presented in Appendix G.

*Investigation Derived Waste:* Soil cuttings and rinseate water from the March 11-12, 2011 investigation were temporarily stored in 55-gallon steel drums. American Integrated Service, Inc (AIS) transported one 55-gallon drum of rinseate water to Crosby & Overton, Inc of Long Beach, CA for disposal, and one 55-gallon drum of soil to Soil Safe of California, Inc, of Adelanto, CA for disposal.

Soil cuttings and rinseate water generated during the May 22-23, 2012 well installation activities were also temporarily stored in 55-gallon steel drums and transported by Environmental Logistics, Inc (ELI) of Hayward, CA to Filter Recycling Services, Inc of Rialto, CA for disposal.

Waste water generated from the June 8, 2012 well development activities was stored in two 55-gallon steel drums and transported by ELI to Filter Recycling Services, Inc of Rialto, CA for disposal. Waste manifests for the transportation of investigation derived waste related to the site activities are presented in Appendix H.

## 4.0 <u>CURRENT INVESTIGATION RESULTS</u>

The groundwater analytical results from the grab groundwater samples collected from soil borings B-7 through B-9, and the groundwater samples collected from monitoring well MW-7 are presented below.

## 4.1 <u>GRAB-GROUNDWATER SAMPLE RESULTS</u>

- No TPHg or BTEX was detected in grab groundwater samples B-7 and B-8
- Only toulene was detected in grab groundwater sample B-9 at a concentration of 3  $\mu$ g/L.

Analytical results are presented on Table 2 and summarized on Figure 3. The laboratory analytical reports and COC documents are presented in Appendix E.

## 4.2 <u>GROUNDWATER SAMPLING RESULTS</u>

• No TPHd, TPHg, BTEX, or MTBE were detected in well MW-7.

Groundwater monitoring and analytical data is presented on Table 2 and summarized on Figure 3. A copy of the field data sheets are presented in Appendix F.

## 5.0 <u>CONCLUSIONS AND RECOMMENDATIONS</u>

## 5.1 <u>CONCLUSIONS</u>

Based on the findings of this investigation, CRA offers the following conclusions:

 No hydrocarbons were detected in grab groundwater samples B-7 through B-9, or well sample MW-7, except for a very low concentration (3.0 µg/L) of toluene in B-9. Based on results of the grab groundwater samples B-7 through B-8 and well sample MW-7, the plume appears to be adequately defined down-gradient of the source area.

## 5.2 <u>RECOMMENDATIONS</u>

• CRA recommends further groundwater monitoring and sampling of MW-7 over a full hydrologic cycle to verify the hydrocarbon concentration levels and trends. The next groundwater monitoring and sampling event is scheduled for the third quarter of 2012.

### 6.0 <u>REFERENCES</u>

California Department of Water Resources (DWR), 2003, Bulletin 118 - California's Groundwater.

Regional Water Quality Control Board, San Francisco Bay Region – Groundwater Committee, 1999. *East Bay Plain Groundwater Basin Beneficial Use Evaluation Report. June.* 

Frank Lee & Associates, 1988. *Soil and Foundation Investigation Proposed Commercial Building* at 800 Franklin Street, Oakland, California. June 13, 1988.

MEC, 1989b. *Update on 800 Franklin Street in Oakland*, 800 Franklin Street, Oakland, California. October 9, 1989.

MEC, 1989c. *Report on Subsurface Investigation and Remediation of Contaminated Soil*, 800 Franklin Street, Oakland, California. November 3, 1989 Draft Edition.

MEC, 1992. *Report on Subsurface Investigation, Related to Well Installation and Borings*, 800 Franklin Street, Oakland, California. January 20, 1992.

### All of Which is Respectfully Submitted, CONESTOGA-ROVERS & ASSOCIATES

aral

Tarah J. Kirnan

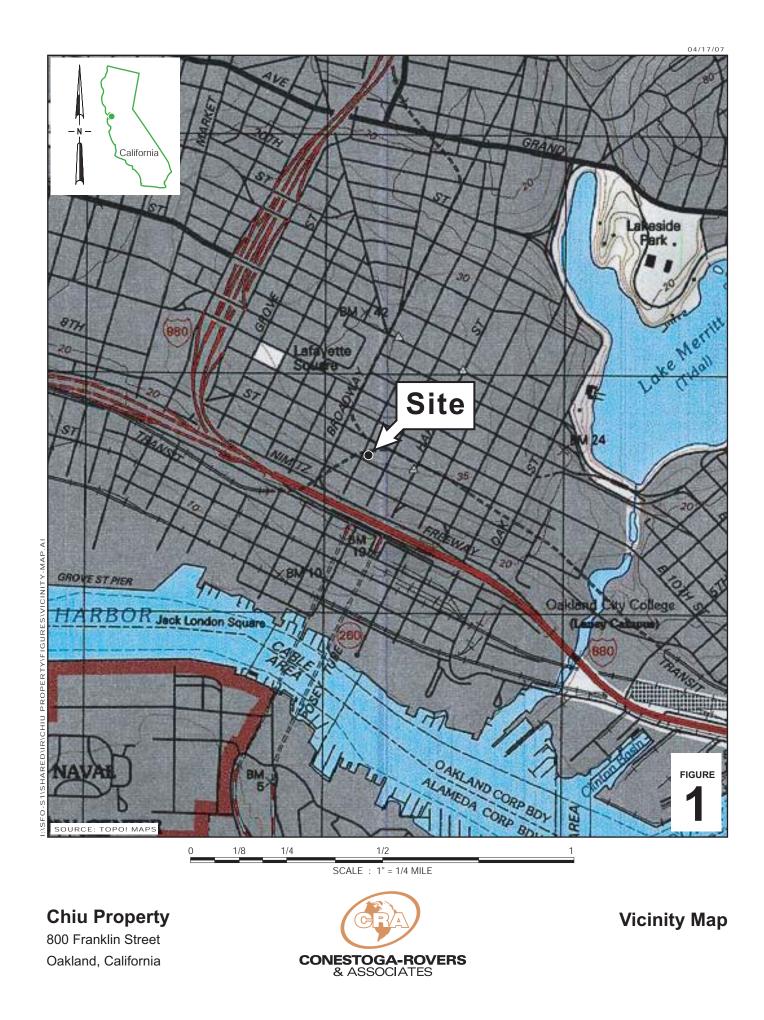
tors

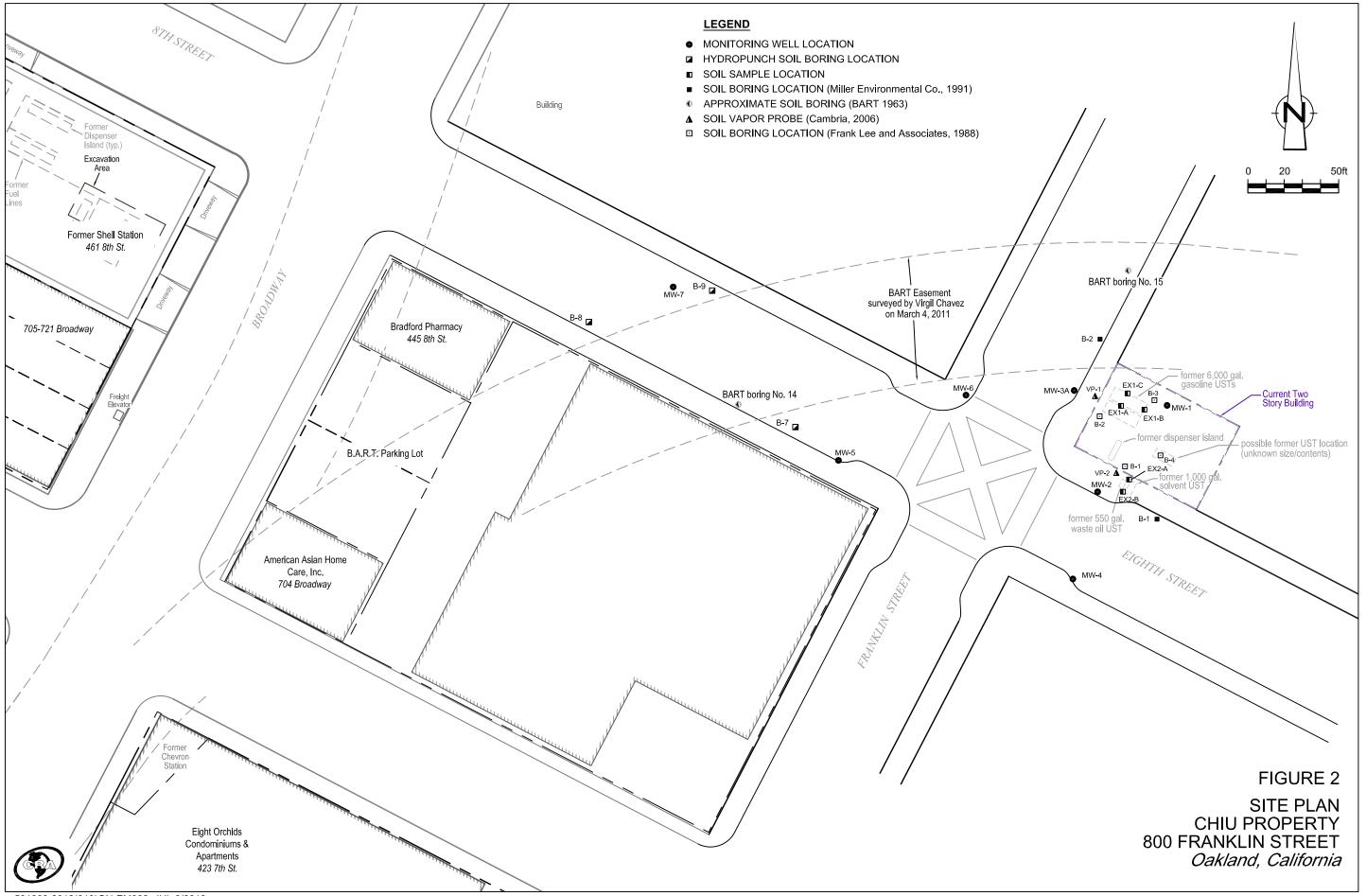


Robert Foss, P.G.

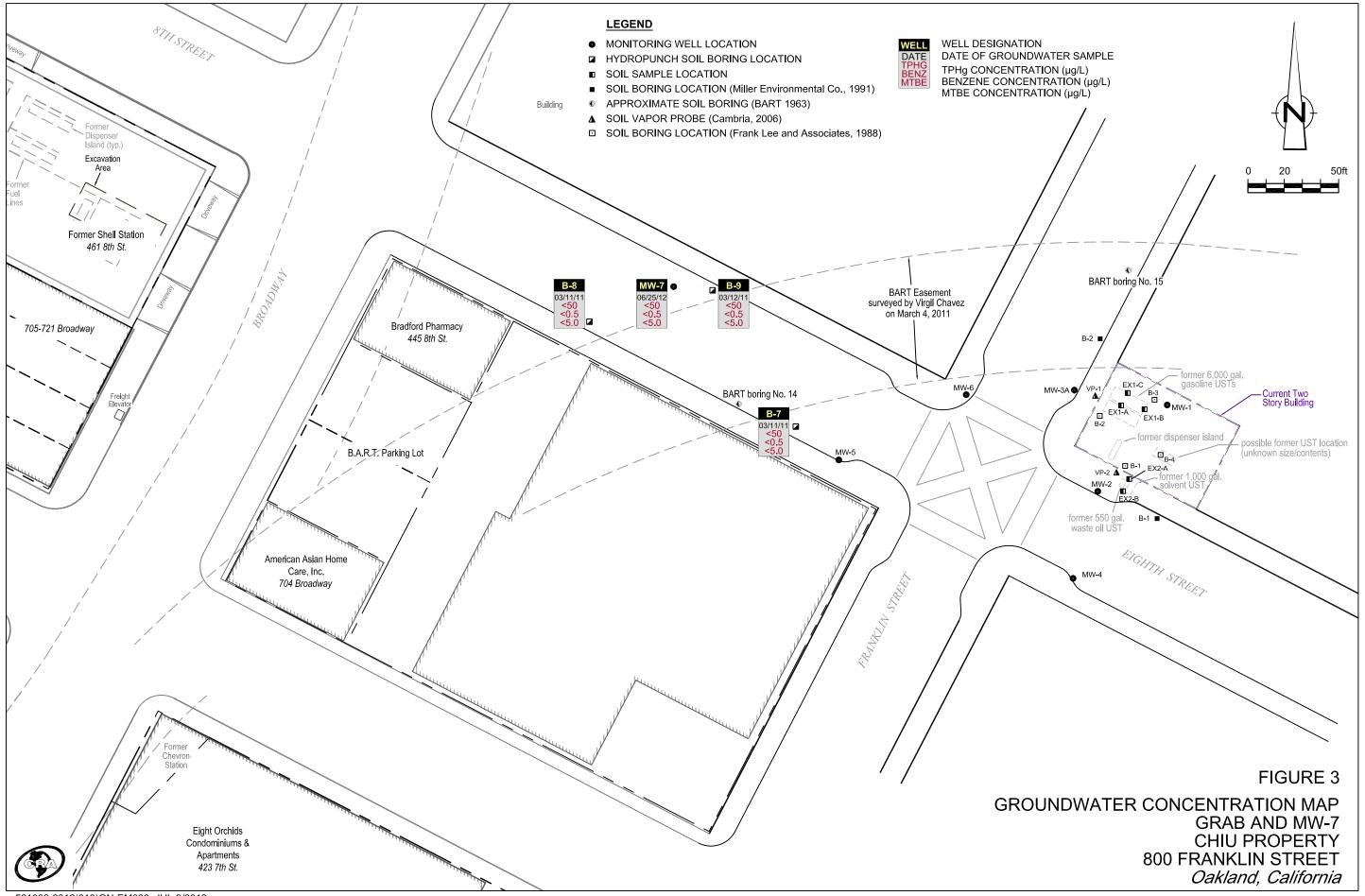
Conestoga-Rovers & Associates (CRA) prepared this document for use by our client and appropriate regulatory agencies. It is based partially on information available to CRA from outside sources and/or in the public domain, and partially on information supplied by CRA and its subcontractors. CRA makes no warranty or guarantee, expressed or implied, included or intended in this document, with respect to the accuracy of information obtained from these outside sources or the public domain, or any conclusions or recommendations based on information that was not independently verified by CRA. This document represents the best professional judgment of CRA. None of the work performed hereunder constitutes or shall be represented as a legal opinion of any kind or nature.

FIGURES





581000-2012(013)GN-EM002 JUL 9/2012



581000-2012(013)GN-EM003 JUL 9/2012

#### WELL CONSTRUCTION DETAILS CHIU PROPERTY 800 FRANKLIN STREET OAKLAND, CALIFORNIA

Well ID	Date Installed	Borehole Depth (ft)	Borehole Diameter (in)	Casing Diameter (in)	Screen Interval (ft bgs)	Screen Size (in)	Filter Pack (ft bgs)	Bentonite Seal (ft bgs)	Cement Seal (ft bgs)	TOC Elevation (ft msl)
MW-1	1989	35.0	8.0	2	20.0 - 35.0	0.010	18.0 - 35.0	16.0 - 18.0	0 - 16.0	33.42
MW-2	1989	35.0	8.0	2	20.0 - 35.0	0.010	18.0 - 35.0	16.0 - 18.0	0 - 16.0	33.66
	Installed: 1989									
MW-3*	Destroyed: 1/29/07	35.0	8.0	2	20.0 - 35.0	0.010	18.0 - 35.0	16.0 - 18.0	0 - 16.0	34.23
MW-3A	2/8/2007	35.0	10.0	4	20.0 - 35.0	0.010	19.0 - 35.0	17.0 - 19.0	0 - 17.0	34.16
MW-4	10/2/1991	35.0	8.0	2	20.0 - 35.0	0.010	18.0 - 35.0	-	0 - 18.0	33.64
MW-5	10/3/1991	35.0	8.0	2	20.0 - 35.0	0.010	18.0 - 35.0	-	0 - 18.0	33.56
MW-6	5/15/1997	35.0	8.0	2	14.5 - 36.25	0.010	14.5 - 36.25	12.5 - 14.5	0 - 12.5	33.98
MW-7	5/23/2012	35.0	8.0	2	18.0 - 35.0	0.010	16.0 - 35.0	14.0 - 16.0	0 - 14.0	33.49

Abbreviations / Notes

ft = feet

in = inches

ft bgs = feet below grade surface

ft msl = feet above mean sea level

TOC = top of casing

\* = Monitoring well MW-3 properly destroyed on January 29, 2007 by Cambria.

Well ID TOC Elevation (ft msl)	Date Sampled	Depth to Water (ft below TOC)	Groundwater Elevation (feet msl)	TPHg ←	TPHd	ТРНто	Benzene	Toluene	Ethylbenzene µg/L ——	Xylenes	MTBE	Chloroform	1,2-DCA →
MW-1	10/12/1989	22.87	10.55	ND			ND	ND	ND	ND		0.8	8.6
33.42	10/31/1991			630	960	1,700	3.2	ND<0.5	ND<0.5	130			0.0098
34.89	10/21/1992	23.48	11.41	520			78	38	ND<0.5	120			ND
	2/25/1993	22.51	12.38	1,600			160	190	34	350			
	4/27/1993	22.36	12.53	380			5.2	ND<0.5	ND<0.5	74			
	10/7/1993		12.10	1,000			81	150	47	230			
33.98	3/28/1994		11.91	460			14	25	14	39			
	4/29/1994												
	6/10/1994		11.66										
	7/8/1994		11.62										
	7/26/1994		11.48										
	8/25/1994		11.47										
	10/27/1994	22.51	11.47	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5			
	1/6/1995		12.08										
	2/1/1995		12.79										
	3/29/1995		12.75										
	10/31/1995		12.48	1,400			15	38	49	510	19		
	5/21/1997		12.49	150			2.9	1.5	8.6	26	ND<5.0		
	8/10/2004	23.35	10.63	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	9/28/2004É												
	12/21/2004	22.93	11.05	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	3/11/2005É												
	6/16/2005	20.68	13.30	ND<50			0.64	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	9/1/2005	20.74	13.24	ND<50			1.2	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	12/16/2005	20.95	13.03	ND <50			ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	3/10/2006	20.34	13.64	ND<50			0.60	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	9/15/2006	21.51	12.47	ND <50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND <5.0	6.4	ND<0.5
	3/8/2007	21.81	12.17	ND <50	ND <50	ND <250	ND<0.5	ND <0.5	0.72	ND<0.5	ND<5.0	6.9	ND<0.5
	9/17/2007	22.08	11.90	ND <50	ND <50	ND <250	ND<0.5	ND <0.5	2.3	ND<0.5	ND<0.5	4.7	ND<0.5
	3/4/2008	21.72	12.26	ND <50	ND <50	ND <250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	1.3	ND<0.5
	9/3/2008	22.70	11.28	ND<50	ND <50	ND <250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.98	ND<0.5
	3/4/2009	22.49	11.49	ND <50	ND <50	ND <250	ND<0.5	ND <0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	0.65
	9/8/2009	22.80	11.19	ND <50	ND <50	ND <250	ND<0.5 (ND<0.5)	ND<0.5 (ND<0.5)	ND<0.5 (ND<0.5)	ND<0.5 (ND<0.5)	ND<0.5 (ND<0.5)	ND<0.5	ND<0.5
	3/19/2010	22.25	11.73	ND <50	ND <50		(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	ND<0.5	0.58
	9/3/2010	22.51	11.47	ND<50	ND <50		(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	1.2	0.50 ND<0.5
	3/4/2011	22.51	11.47	ND<50 ND<50	ND<50 ND<50		(ND<0.5) (ND<0.5)	(ND < 0.5) (ND < 0.5)	(ND < 0.5) (ND < 0.5)	(ND<0.5) (ND<0.5)	(ND<0.5) (ND<0.5)	1.2 ND<0.5	ND<0.5 ND<0.5
	8/22/2011	22.10	11.88	ND<50	ND<50		(ND < 0.5)	(ND < 0.5) (ND < 0.5)	(ND < 0.5) (ND < 0.5)	(ND<0.5) (ND<0.5)	(ND<0.5)	ND<0.5 ND<0.5	ND<0.5
	3/5/2011 3/5/2012	22.23 22.61	11.75 11.37	ND<50 ND<50	ND<50 ND<50		(ND<0.5) ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5) ND<5.0		ND<0.5
MW-2	10/12/1989	23.25	10.40	38,000		3,900	1,300	1,200	ND	4,700			
33.66	10/31/1991			10,000	1,500		1,800	1,200	270	960			0.17
	11/6/1991	24.02	9.64										
	10/21/1992	22.42	11.24	270,000			9,700	4,500	9,600	56,000			15.4

Well ID OC Elevation	Date Sampled	Depth to Water	Groundwater Elevation	TPHg	TPHd	ТРНто	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Chloroform	1,2-DCA
(ft msl)		(ft below TOC)	(feet msl)	←					μg/L				$\rightarrow$
MW-2 (cont.)	2/25/1993	21.50	12.16	49,000			4,300	11,000	1,300	9,100			
	4/27/1993	21.26	12.40	39,000			1,400	4,000	220	5,200			
	10/7/1993		12.04	50,000			2,700	8,100	940	7,800			
	3/28/1994		11.88	20,000			360	1,300	220	1,800			
	4/29/1994		11.87										
	6/10/1994		11.44										
	7/8/1994		11.42										
	7/26/1994		11.22										
	8/25/1994		11.01										
	10/27/1994	22.66	11.00	21,000			1,200	3,700	600	4,300			
	1/6/1995		11.66										
	2/1/1995		12.21										
	3/29/1995		12.66										
	10/31/1995		11.51	45,000			3,100	8,800	1,200	8,400	810		
	5/21/1997		12.65	18,000			1,400	4,200	680	3,600	370		
	8/10/2004	21.03	12.63	47,000 (a)			4,200	4,900	1,400	6,000	ND<500		
	9/28/2004	22.95	10.71										
	12/21/2004	20.91	12.75	13,000 (a)			500	310	34	1600	ND<100		
	3/11/2005	11.35	22.31	32,000 (a)			970	2,400	890	4,200	ND<1,000		
	6/16/2005	20.50	13.16	43,000 (a,i)			1,500	3,400	1,200	5,400	ND<1,200		
	9/1/2005	20.60	13.06	20,000 (a)			640	1,700	460	2,200	ND<200		
	12/16/2005	20.83	12.83	32,000 (a,i)			1,000	3,100	760	3,800	ND<500		
	3/10/2006	20.05	13.61				460	1,900	440	2,400	ND<400		
				20,000 (a)									
	9/15/2006	21.31	12.35	43,000 (a)	3,100 (d)	ND<250	1,600	4,400	1,100	5,100	ND<500	16	ND<10
	3/8/2007	21.62	12.04	30,000 (a,h)	4,600 (d,h)	ND<1,200	1,200	3,400	890	4,500	ND<500	ND<50	ND<50 (j,ł
	9/17/2007	21.92	11.74	31,000 (a)	6,600 (d,b)	340	790	3,000	700	3,100	ND<100	ND<100	ND<100
	3/4/2008												
	9/3/2008	22.50	11.16	46,000 (a)	5,100 (d)	370	1,700	8,600	1,400	7,500	ND<250	ND<250	ND<250
	3/4/2009	22.25	11.41	56,000 (a)	13,000 (d)	1,100	1,500	5,300	990	4,500	ND<10	ND<10	ND<10
	9/8/2009	22.60	11.06	42,000 (a)	11,000 (d)	1,200	1,400 (1,200)	5,200 (4,900)	970 (890)	5500 (4,900)	ND<100 (ND<100)	ND<0.5	ND<100
33.75	3/19/2010 **	21.96	11.70	30,000 (a,h)	12,000 (d,h)		(1,000)	(3,500)	(980)	(4,500)	(ND<50)	ND<5.0	ND<5.0
	9/3/2010	22.30	11.45	9,500 (a)	1,500 (d)		(320)	(290)	(140)	(970)	(ND<12)	ND<12	ND<12
	3/4/2011	21.85	11.90	12,000 (a)	2,200 (d)		(610)	(430)	(290)	(1,400)	(ND<25)	ND<25	ND<25
	8/22/2011	22.04	11.71	7,900 (a)	1,300 (d)		(320)	(270)	(170)	(1,400)	(ND<12)	ND<0.5	ND<12
	3/5/2012	22.32	11.43	18,000(a)	1,400 (d)		1,200	930	560	2,100	ND<500		
MW-3	10/12/1989	24.02	10.21	87,000		4,500	3,200	8,800	ND	6,500			70.0
34.23	10/31/1991			310,000	25,000		9,300	25,000	5,600	27,000			0.058
	11/6/1991	23.52	10.71										
	10/21/1992	23.32	10.91	22,000			10,000	4,300	790	2,100			ND
	2/25/1993	22.51	11.72	29,000			8,400	5,400	1,300	3,300			
	4/27/1993	22.37	11.86	50,000			8,200	8,700	1,000	5,400			
	10/7/1993		14.19	1,700			3,100	3,700	400	1,700			

Well ID TOC Elevation (ft msl)	Date Sampled	Depth to Water (ft below TOC)	Groundwater Elevation (feet msl)	TPHg ←	TPHd	ТРНто	Benzene	Toluene	Ethylbenzene µg/L	Xylenes	MTBE	Chloroform	1,2-DCA
		( <i>ft below</i> 10C)							-				,
MW-3 (cont.)	3/28/1994		11.52	53,000			3,900	4,600	710	2,500			
	4/29/1994		11.34										
	6/10/1994		11.13										
	7/8/1994		11.09										
	7/26/1994		10.94										
	8/25/1994		10.80										
	10/27/1994	23.56	10.67	8,500			2,700	2,700	490	2,000			
	1/6/1995		11.33										
	2/1/1995		11.79										
	3/29/1995		12.10										
	10/31/1995		11.23	19,000			4,400	4,600	720	2,900	410		
	5/21/1997		11.68	4,000			810	840	190	690	ND<100		
	9/28/2004					W	ell is damaged. Unal	ble to measure depth to	water or collect sample.				
	12/21/2004					W	ell is damaged. Unal	ble to measure depth to	water or collect sample.				
	3/11/2005					W	ell is damaged. Una	ble to measure depth to	water or collect sample.				
	6/16/2005					W	ell is damaged. Unal	ble to measure depth to	water or collect sample.				
	9/1/2005					W	ell is damaged. Una	ble to measure depth to	water or collect sample.				
	12/16/2005					W	ell is damaged. Unal	ble to measure depth to	water or collect sample.				
	3/10/2006					W	ell is damaged. Unal	ble to measure depth to	water or collect sample.				
	9/15/2006					W	ell is damaged. Unal	ble to measure depth to	water or collect sample.				
	1/29/2007						Well p	roperly destroyed by Ca	ambria.				
MW-3A	1/29/2007						Λ	1W-3A replaces MW-	3				
34.16	3/8/2007	22.42	11.74	30,000 (a,i)	1,700 (d,i)	ND<250	2,600	4,400	710	4,600	ND<1,000	ND<50	ND<50 (j)
	9/17/2007	22.65	11.51	9,800 (a)	980 (d)	ND<250	1,100	1,800	270	1,100	ND<25	ND<25	ND<25
	3/4/2008	22.31	11.85	21,000 (a,i)	1,700 (d,i)	ND<250	2,600	5,000	810	3,500	ND<50	ND<50	ND<50
	9/3/2008	23.11	11.05	13,000 (a)	880 (d)	ND<250	1,400	2,100	370	1,500	ND<50	ND<50	ND<50
	3/4/2009	22.98	11.18	12,000 (a)	810 (d)	ND<250	1,000	1,700	330	1,200	ND<5.0	7.9	7.2
	9/8/2009	23.25	10.91	8,900 (a)	780 (d)	ND<250	870 (830)	1300 (1,200)	260 (200)	1100 (880)	ND<25 (ND<25)	6.3	ND<25
	3/19/2010	22.79	11.37	16,000 (a)	1,700 (d)		(1,900)	(3,200)	(620)	(2,800)	(ND<50)	ND<5.0	10
	9/3/2010	23.02	11.14	35,000 (a)	1,600 (d)		(5,300)	(6,500)	(1,100)	(5,100)	(ND<120)	ND<120	ND<120
	3/4/2011	22.60	11.56	35,000 (a)	3,300 (d)		(5,000)	(6,400)	(1,900)	(8,800)	(ND<100)	ND<100	ND<100
	8/22/2011	22.71	11.45	42,000 (a)	2,700 (d)		(5,700)	(6,300)	(1,800)	(7,800)	(ND<120)	ND<0.5	ND<120
	3/5/2012	22.99	11.17	49,000(a)	1500 (d)		4,400	2,800	1,900	8,200	ND<800		
MW-4	10/31/1991			ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5		2.6	ND
33.64	11/6/1991	23.32	10.32										
	10/21/1992	22.10	11.54	410			3.1	29	6.8	47			ND
	2/25/1993	21.13	12.51	170			ND<0.5	ND<0.5	ND<0.5	ND<0.5			
	4/27/1993	20.74	12.90	100			ND<0.5	ND<0.5	ND<0.5	0.9			
	10/7/1993		12.50	240			ND<0.5	ND<0.5	ND<0.5	ND<0.5			
	3/28/1994		12.34	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5			
	4/29/1994		11.33										
	エノムノノエノノエ		11.00										

Well ID FOC Elevation (ft msl)	Date Sampled	Depth to Water (ft below TOC)	Groundwater Elevation (feet msl)	TPHg ←	TPHd	ТРНто	Benzene	Toluene	Ethylbenzene µg/L	Xylenes	MTBE	Chloroform	1,2-DCA →
(jt mst)		( <i>ft below</i> 10C)	(jeet mst)						μχι				
MW-4 (cont.)	7/8/1994		11.54										
	7/26/1994		11.30										
	8/25/1994		11.09										
	10/27/1994	22.69	10.95	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5			
	1/6/1995		11.70										
	2/1/1995		12.34										
	3/29/1995		12.76										
	10/31/1995		11.61	80			ND<0.5	0.6	ND<0.5	1.0	ND<0.5		
	5/21/1997		12.08	ND<50			11	120	27	180	ND<5.0		
	9/28/2004	22.72	10.92	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	12/21/2004	20.65	12.99	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	3/11/2005	20.20	13.44	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	6/16/2005	20.38	13.26	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	9/1/2005	20.48	13.16	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	12/16/2005	20.78	12.86	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	3/10/2006	19.81	13.83	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	9/15/2006	21.16	12.48	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	28	ND<0
	3/8/2007	21.52	12.12	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	23	ND<(
	9/17/2007	21.84	11.80	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	18	ND<(
	3/4/2008	21.41	12.23	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	13	ND<(
	9/3/2008	22.50	11.14	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	12	ND<0
	3/4/2009	22.15	11.49	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	14	ND<0
	9/8/2009	22.56	11.08	ND<50	ND<50	ND<250	ND<0.5 (ND<0.5)	ND<0.5 (ND<0.5)	ND<0.5 (ND<0.5)	ND<0.5 (ND<0.5)	ND<0.5 (ND<0.5)	11	ND<0
33.73	3/19/2010 *	21.88	11.76	ND<50	ND<50		(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	10	ND<0
	9/3/2010	22.21	11.52	ND<50	ND<50		(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	ND<0.5	ND<(
	3/4/2011	21.78	11.95	ND<50	ND<50		(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	1.0	ND<0
	8/22/2011	21.92	11.81	ND<50	ND<50		(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	ND<0.5	ND<(
	3/5/2012	22.34	11.39	ND<50	ND<50		ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
MW-5	10/31/1991			ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5		1.1	
33.51	11/6/1991	24.00	9.51	ND			ND	ND	ND	ND			
	10/21/1992	23.24	10.27	840			17	120	39	180			
33.56	2/25/1993	22.40	11.16	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5			
	4/27/1993	22.15	11.41	260			53	19	1.2	2.4			
	10/7/1993		11.06	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5			
	3/28/1994		10.95	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5			
	4/29/1994		10.91										
	6/10/1994		10.68										
	7/8/1994		10.60										
	7/26/1994		10.45										
	8/25/1994		10.28										
	10/27/1994	23.50	10.06	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5			
	1/6/1995		10.78										

Well ID FOC Elevation (ft msl)	Date Sampled	Depth to Water (ft below TOC)	Groundwater Elevation (feet msl)	TPHg	TPHd	TPHmo	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Chloroform	1,2-DCA
( <i>jt mst</i> )		(Ji below TOC)	(jeel msi)						μg/L				
MW-5 (cont.)	2/1/1995		11.25										
	3/29/1995		11.63										
	10/31/1995		10.64	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5		
	5/21/1997		11.04	260			2.4	33	7.7	56	ND<5.0		
	9/28/2004	23.70	9.86	ND<50			ND<0.5	ND<0.5	ND<0.5	1.5	ND<5.0		
	12/21/2004	21.40	12.16	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	3/11/2005	21.40	12.16	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	6/16/2005	21.63	11.93	ND<50 (i)			ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	9/1/2005	21.65	11.91	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	12/16/2005	21.94	11.62	ND<50 (i)			ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	3/10/2006	21.11	12.45	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	9/15/2006	22.20	11.36	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	10	ND<0
	3/8/2007	22.44	11.12	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	18	ND<0
	9/17/2007	22.73	10.83	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	14	ND<0
	3/4/2008	22.32	11.24	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	19	ND<0
	9/3/2008	23.13	10.43	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	17	ND<(
	3/4/2009	22.95	10.61	ND<50	ND<50	ND<250	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<0.5	14	ND<0
	9/8/2009	23.21	10.35	ND<50	ND<50	ND<250	ND<0.5 (ND<0.5)	ND<0.5 (ND<0.5)	ND<0.5 (ND<0.5)	ND<0.5 (ND<0.5)	ND<0.5 (ND<0.5)	11	ND<(
33.67	3/19/2010*	22.72	10.84	ND<50	ND<50		(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	14	ND<(
	9/3/2010	23.03	10.64	ND<50	ND<50		(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	7.2	ND<(
	3/4/2011	22.60	11.07	ND<50	ND<50		(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	3.4	ND<0
	8/22/2011	22.63	11.04	ND<50	ND<50		(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	(ND<0.5)	1.9	ND<0
	3/5/2012	22.94	10.73	ND<50	ND<50		ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0	-	
MW-6	5/21/1997		11.26	760			2.5	1.7	ND<0.50	25	10		
33.98	9/28/2004	24.00	9.98	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	12/21/2004	21.61	12.37	ND<50			ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
	3/11/2005	21.60	12.38	340 (a)			1.9	2.6	0.68	0.61	ND<5.0		
	6/16/2005	21.81	12.17	1,300 (a)			58	8.3	6.1	4.0	ND<25		
	9/1/2005	21.82	12.16	1,900 (a)			150	19	18	76	ND<12		
	12/16/2005	22.03	11.95	3,600 (a,i)			560	63	33	230	ND<50		
	3/10/2006	21.46	12.52	2,200 (a)			240	10	20	87	ND<50		
	9/15/2006	22.46	11.52	1,800 (a)	480 (d)	ND<250	10	6.7	9.9	42	ND<17	3.2	ND<(
	3/8/2007	22.64	11.34	4,300 (a)	890 (d)	ND<250	260	36	29	140	ND<60	ND<10	ND<1(
	9/17/2007	22.88	11.10	7,000 (a)	970 (d)	ND<250	760	28	46	270	ND<10	ND<10	ND<1
	3/4/2008	22.51	11.47	400 (a)	74 (d)	ND<250	46	ND<1.0	1.0	6.0	ND<1.0	ND<1.0	ND<1
	9/3/2008	23.24	10.74	280 (a)	69 (d, b)	ND <250	2.9	ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND <1.0	ND<
	3/4/2009	23.14	10.84	670 (a)	150 (d)	ND<250	68	13	ND<0.5	12	ND <0.5	ND <0.5	ND<
	9/8/2009	23.38	10.60	8,000 (a)	1,400 (d)	ND<250	870 (770)	16 (ND<12)	34 (17)	1500 (1,200)	ND<2.5 ND<12 (ND<12)	ND<2.5	ND<
34.05	3/19/2010 *	22.93	11.05	8,900 (a) 8,900 (a)	1,400 (d) 1,200 (d)		(2,900)	(ND<12) (ND<100)	(ND<100)	(ND<100)	(ND<5.0)	ND<0.5 ND<5.0	15
07.00	9/3/2010 ×	22.93	10.86				· ,	, , , , , , , , , , , , , , , , , , ,	· · · · · ·	· · · · · ·	(ND<3.0) (ND<25)	ND<5.0 ND<25	ND<
			10.86	4,600 (a) 3 700 (a)	710 (d) 410 (d)		(1,500)	(33)	(35)	(79)		ND<25 ND<25	ND<
	3/4/2011	22.78		3,700 (a)	410 (d)		(1,300)	(170)	(70)	(200)	(ND<25)		
	8/22/2011	22.85	11.20	490 (a)	120 (b,d)		(190)	(ND<5.0)	(ND<5.0)	(ND<5.0)	(ND<5.0)	0.86	ND<
	3/5/2012	23.16	10.89	190 (a)	65 (b,d)		38	2.7	1.4	7.3	ND<15		

#### GROUNDWATER ANALYTICAL AND ELEVATION DATA: PETROLEUM HYDROCARBONS CHIU PROPERTY 800 FRANKLIN STREET OAKLAND, CALIFORNIA

Well ID TOC Elevation (ft msl)	Date Sampled	Depth to Water (ft below TOC)	Groundwater Elevation (feet msl)	TPHg ←	TPHd	ТРНто	Benzene	Toluene	Ethylbenzene µg/L ———	Xylenes	MTBE	Chloroform	1,2-DCA →
<b>MW-7</b> 33.49	6/25/2012	22.98	10.51	ND<50	ND<50		ND<0.5	ND<0.5	ND<0.5	ND<0.5	ND<5.0		
Grab Groundwater	r												
B-7	3/11/2011			ND<50 (i)			ND<0.5	ND<0.5	ND<0.5	ND<0.5			
B-8	3/11/2011			ND<50 (i)			ND<0.5	ND<0.5	ND<0.5	ND<0.5			
B-9	3/12/2011			ND<50 (i)			ND<0.5	3.0	ND<0.5	ND<0.5			

#### **Abbreviations and Notes:**

*TOC Elevation* = Top of well casing elevation measured in feet above mean sea level

msl = Above mean sea level

 $\mu g/L$  = Micrograms per liter

TPHg = Total petroleum hydrocarbons as gasoline by EPA Method SW8015C.

TPHd = Total petroleum hydrocarbons as diesel by EPA Method SW8015C with silica gel cleanup.

TPHmo = Total petroleum hydrocarbons as motor oil by EPA Method SW8015C with silica gel cleanup.

Benzene, toluene, ethylbenzene, and xylenes by EPA Method SW8021B (SW8260B).

MTBE = Methyl tertiary-butyl ether by EPA Method SW8021B by (8260B)

Chloroform by EPA Method SW8260B.

1,2-DCA = 1,2-Dichloroethane by EPA Method SW8260B.

Sheen = A sheen was observed on the water's surface.

Field = Observed in the field.

Lab = Observed in analytical laboratory.

(a) = unmodified or weakly modified gasoline is significant

(b) = diesel range compounds are significant; no recognizable pattern

(d) = gasoline range compounds are significant

(h) = lighter than water immiscible sheen/product is present

(i) = liquid sample that contains ~1 vol. % sediment

(j) = sample diluted due to high organic content/matrix interference

ND<5.0 = Not detected above detection limit.

-- = Not available, not analyzed, or not applicable

\* = Surveyed September 7, 2006; updated to table May 24, 2010

\*\* = Surveyed March 8, 2007; updated to table May 24, 2010

 $\acute{E}$  = Unable to access well due to denial by current tenant

## APPENDIX A

## AGENCY CORRESPONDENCE

## ALAMEDA COUNTY HEALTH CARE SERVICES



ALEX BRISCOE, Director

AGENCY

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

November 8, 2010

Mr. Tommy Chiu P.O. Box 28194 Oakland, CA 94606

Subject: Work Plan Approval for Fuel Leak Case No. RO0000196 and Geotracker Global ID T0600100050, Bill Louie's Auto Service, 800 Franklin Street, Oakland, CA 94607

Dear Mr. Chiu:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the subject site including the most recently submitted document entitled, "*Down-Gradient Site Characterization Work Plan*," dated October 12, 2010 (Work Plan). The Work Plan, which was prepared on your behalf by Conestoga-Rovers & Associates, proposes two phases of work. The first phase is to consist of three soil borings with the collection of grab groundwater samples from each of the borings. Following the first phase of work, a Work Plan Addendum is to be submitted which presents results from the three soil borings and proposes a location for a down-gradient monitoring well.

The proposed scope work is acceptable and may be implemented as proposed. We request that you perform the proposed work and submit the reports requested below.

#### **TECHNICAL REPORT REQUEST**

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

- March 11, 2011 Work Plan Addendum
- May 8, 2011 Semi-Annual Groundwater Monitoring Report First Quarter 2011

If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,

Digitally signed by Jerry Wickham DN: cn=Jerry Wickham, o=Alameda County Environmental Health, ou, email=Jerry.wickham@acgov.org, c=US Date: 2010.11.09 10.55:02 -08'00' 23766 CEC 1177 and CHC 2

Jerry Wickham, California PG 3766, CEG 1177, and CHG 297 Senior Hazardous Materials Specialist Mr. Tommy Chiu RO0000196 November 8, 2010 Page 2

Attachment: Responsible Party(ies) Legal Requirements/Obligations

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Leroy Griffin, Oakland Fire Department, 250 Frank H. Ogawa Plaza, Ste. 3341, Oakland, CA 94612-2032 2032 (Sent via E-mail to: <u>lgriffin@oaklandnet.com</u>)

Bryan Fong, Conestoga-Rovers & Associates, 5900 Hollis Street, Suite A Emeryville, CA 94608 (Sent via E-mail to: <u>bfong@craworld.com</u>)

Donna Drogos, ACEH (Sent via E-mail to: <u>donna.drogos@acgov.org</u>) Jerry Wickham, ACEH (Sent via E-mail to: <u>jerry.wickham@acgov.org</u>)

Geotracker, File

#### Attachment 1 <u>Responsible Party(ies) Legal Requirements/Obligations</u>

#### REPORT REQUESTS

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

#### ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) GeoTracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and <u>other</u> data to the GeoTracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). Please visit the SWRCB website for more information on these requirements (http://www.swrcb.ca.gov/ust/electronic submittal/report rqmts.shtml.

#### PERJURY STATEMENT

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

#### PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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

#### UNDERGROUND STORAGE TANK CLEANUP FUND

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

#### AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

Alemede County Environmental Cleanup	REVISION DATE: July 20, 2010
Alameda County Environmental Clean Oversight Programs	ISSUE DATE: July 5, 2005
(LOP and SLIC)	PREVIOUS REVISIONS: October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010
SECTION: Miscellaneous Administrative Topics & Procedures	SUBJECT: Electronic Report Upload (ftp) Instructions

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

#### REQUIREMENTS

- Please do not submit reports as attachments to electronic mail.
- Entire report including cover letter must be submitted to the ftp site as a single portable document format (PDF) with no password protection.
- It is preferable that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements must be included and have either original or electronic signature.
- <u>Do not</u> password protect the document. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password.
   Documents with password protection will not be accepted.
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:

RO# Report Name\_Year-Month-Date (e.g., RO#5555\_WorkPlan\_2005-06-14)

#### Submission Instructions

- 1) Obtain User Name and Password
  - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
    - i. Send an e-mail to dehloptoxic@acgov.org
    - b) In the subject line of your request, be sure to include "ftp PASSWORD REQUEST" and in the body of your request, include the Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for.
- 2) Upload Files to the ftp Site
  - a) Using Internet Explorer (IE4+), go to <u>ftp://alcoftp1.acgov.org</u>
    - i. Note: Netscape, Safari, and Firefox browsers will not open the FTP site as they are NOT being supported at this time.
  - b) Click on Page located on the Command bar on upper right side of window, and then scroll down to Open FTP Site in Windows Explorer.
  - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
  - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
  - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
  - a) Send email to <u>dehloptoxic@acgov.org</u> notify us that you have placed a report on our ftp site.
  - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
  - c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO#, use the street address instead.
  - d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

## ALAMEDA COUNTY HEALTH CARE SERVICES



ALEX BRISCOE, Director

AGENCY

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

May 16, 2011

Mr. Tommy Chiu P.O. Box 28194 Oakland, CA 94606

Subject: Work Plan Approval for Fuel Leak Case No. RO0000196 and GeoTracker Global ID T0600100050, Bill Louie's Auto Service, 800 Franklin Street, Oakland, CA 94607

Dear Mr. Chiu:

Alameda County Environmental Health (ACEH) staff has reviewed the fuel leak case file for the subject site including the most recently submitted document entitled, "*Down-Gradient Site Characterization Work Plan Addendum*," dated April 25, 2011 (Work Plan Addendum). The Work Plan Addendum, which was prepared on your behalf by Conestoga-Rovers & Associates, presents the results from grab groundwater sampling in three soil borings located downgradient from the site. Based on the results of the grab groundwater sampling, the Work Plan Addendum proposes installation of one monitoring well near the location of boring S-9.

The proposed scope work is acceptable and may be implemented as proposed. We request that you perform the proposed work and submit the reports requested below.

#### TECHNICAL REPORT REQUEST

Please submit technical reports to Alameda County Environmental Health (Attention: Jerry Wickham), according to the following schedule:

 November 8, 2011 – Well Installation Report and Semi-Annual Groundwater Monitoring Report – Third Quarter 2011

If you have any questions, please call me at (510) 567-6791 or send me an electronic mail message at jerry.wickham@acgov.org.

Sincerely,

Digitally signed by Jerry Wickham DN: cn=Jerry Wickham, o=Alameda County Environmental Health, ou, email=jerry.wickham@acgov.org, c=US Date: 2011.05.17 09:01:15 -07'00'

Jerry Wickham, California PG 3766, CEG 1177, and CHG 297 Senior Hazardous Materials Specialist Mr. Tommy Chiu RO0000196 May 16, 2011 Page 2

Enclosure: ACEH Electronic Report Upload (ftp) Instructions

cc: Leroy Griffin, Oakland Fire Department, 250 Frank H. Ogawa Plaza, Ste. 3341, Oakland, CA 94612-2032 2032 (Sent via E-mail to: <u>lgriffin@oaklandnet.com</u>)

Bryan Fong, Conestoga-Rovers & Associates, 5900 Hollis Street, Suite A Emeryville, CA 94608 (Sent via E-mail to: <u>bfong@craworld.com</u>)

Donna Drogos, ACEH (Sent via E-mail to: <u>donna.drogos@acgov.org</u>) Jerry Wickham, ACEH (Sent via E-mail to: <u>jerry.wickham@acgov.org</u>)

GeoTracker, eFile

#### Attachment 1

#### Responsible Party(ies) Legal Requirements / Obligations

#### REPORT REQUESTS

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

#### ELECTRONIC SUBMITTAL OF REPORTS

ACEH's Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of reports in electronic form. The electronic copy replaces paper copies and is expected to be used for all public information requests, regulatory review, and compliance/enforcement activities. Instructions for submission of electronic documents to the Alameda County Environmental Cleanup Oversight Program FTP site are provided on the attached "Electronic Report Upload Instructions." Submission of reports to the Alameda County FTP site is an addition to existing requirements for electronic submittal of information to the State Water Resources Control Board (SWRCB) GeoTracker website. In September 2004, the SWRCB adopted regulations that require electronic submittal of information for all groundwater cleanup programs. For several years, responsible parties for cleanup of leaks from underground storage tanks (USTs) have been required to submit groundwater analytical data, surveyed locations of monitoring wells, and other data to the GeoTracker database over the Internet. Beginning July 1, 2005, these same reporting requirements were added to Spills, Leaks, Investigations, and Cleanup (SLIC) sites. Beginning July 1, 2005, electronic submittal of a complete copy of all reports for all sites is required in GeoTracker (in PDF format). requirements Please SWRCB website for more information on these visit the (http://www.waterboards.ca.gov/water issues/programs/ust/electronic submittal/).

#### PERJURY STATEMENT

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

#### PROFESSIONAL CERTIFICATION & CONCLUSIONS/RECOMMENDATIONS

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

#### UNDERGROUND STORAGE TANK CLEANUP FUND

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

#### AGENCY OVERSIGHT

If it appears as though significant delays are occurring or reports are not submitted as requested, we will consider referring your case to the Regional Board or other appropriate agency, including the County District Attorney, for possible enforcement actions. California Health and Safety Code, Section 25299.76 authorizes enforcement including administrative action or monetary penalties of up to \$10,000 per day for each day of violation.

## Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) REVISION DATE: July 20, 2010 BREVIOUS REVISIONS: October 31, 2005; December 16, 2005; March 27, 2009; July 8, 2010 SECTION: Miscellaneous Administrative Topics & Procedures

The Alameda County Environmental Cleanup Oversight Programs (LOP and SLIC) require submission of all reports in electronic form to the county's ftp site. Paper copies of reports will no longer be accepted. The electronic copy replaces the paper copy and will be used for all public information requests, regulatory review, and compliance/enforcement activities.

#### REQUIREMENTS

- Please <u>do not</u> submit reports as attachments to electronic mail.
- Entire report including cover letter must be submitted to the ftp site as a single portable document format (PDF) with no password protection.
- It is preferable that reports be converted to PDF format from their original format, (e.g., Microsoft Word) rather than scanned.
- Signature pages and perjury statements must be included and have either original or electronic signature.
- <u>Do not</u> password protect the document. Once indexed and inserted into the correct electronic case file, the document will be secured in compliance with the County's current security standards and a password. Documents with password protection will not be accepted.
- Each page in the PDF document should be rotated in the direction that will make it easiest to read on a computer monitor.
- Reports must be named and saved using the following naming convention:

RO#\_Report Name\_Year-Month-Date (e.g., RO#5555\_WorkPlan\_2005-06-14)

#### **Submission Instructions**

- 1) Obtain User Name and Password
  - a) Contact the Alameda County Environmental Health Department to obtain a User Name and Password to upload files to the ftp site.
    - i) Send an e-mail to deh.loptoxic@acgov.org
  - b) In the subject line of your request, be sure to include "ftp PASSWORD REQUEST" and in the body of your request, include the Contact Information, Site Addresses, and the Case Numbers (RO# available in Geotracker) you will be posting for.
- 2) Upload Files to the ftp Site
  - a) Using Internet Explorer (IE4+), go to ftp://alcoftp1.acgov.org
    - (i) Note: Netscape, Safari, and Firefox browsers will not open the FTP site as they are NOT being supported at this time.
  - b) Click on Page located on the Command bar on upper right side of window, and then scroll down to Open FTP Site in Windows Explorer.
  - c) Enter your User Name and Password. (Note: Both are Case Sensitive.)
  - d) Open "My Computer" on your computer and navigate to the file(s) you wish to upload to the ftp site.
  - e) With both "My Computer" and the ftp site open in separate windows, drag and drop the file(s) from "My Computer" to the ftp window.
- 3) Send E-mail Notifications to the Environmental Cleanup Oversight Programs
  - a) Send email to <u>deh.loptoxic@acgov.org</u> notify us that you have placed a report on our ftp site.
  - b) Copy your Caseworker on the e-mail. Your Caseworker's e-mail address is the entire first name then a period and entire last name @acgov.org. (e.g., firstname.lastname@acgov.org)
  - c) The subject line of the e-mail must start with the RO# followed by **Report Upload**. (e.g., Subject: RO1234 Report Upload) If site is a new case without an RO#, use the street address instead.
  - d) If your document meets the above requirements and you follow the submission instructions, you will receive a notification by email indicating that your document was successfully uploaded to the ftp site.

## APPENDIX B

STANDARD FIELD PROCEDURES FOR SOIL BORINGS AND MONITORING WELL INSTALLATION

## Conestoga-Rovers & Associates

## STANDARD FIELD PROCEDURES FOR SOIL BORING AND MONITORING WELL INSTALLATION

This document presents standard field methods for drilling and sampling soil borings and installing, developing and sampling groundwater monitoring wells. These procedures are designed to comply with Federal, State and local regulatory guidelines. Specific field procedures are summarized below.

## SOIL BORINGS

## Objectives

Soil samples are collected to characterize subsurface lithology, assess whether the soils exhibit obvious hydrocarbon or other compound vapor or staining, and to collect samples for analysis at a State-certified laboratory. All borings are logged using the Unified Soil Classification System by a trained geologist working under the supervision of a California Professional Geologist (PG).

## Soil Boring and Sampling

Soil borings are typically drilled using hollow-stem augers or direct-push technologies such as the Geoprobe®. Soil samples are collected at least every five ft to characterize the subsurface sediments and for possible chemical analysis. Additional soil samples are collected near the water table and at lithologic changes. Samples are collected using lined split-barrel or equivalent samplers driven into undisturbed sediments at the bottom of the borehole.

Drilling and sampling equipment is steam-cleaned prior to drilling and between borings to prevent cross-contamination. Sampling equipment is washed between samples with trisodium phosphate or an equivalent EPA-approved detergent.

## Sample Analysis

Sampling tubes chosen for analysis are trimmed of excess soil and capped with Teflon tape and plastic end caps. Soil samples are labeled and stored at or below 4° C on either crushed or dry ice, depending upon local regulations. Samples are transported under chain-of-custody to a State-certified analytic laboratory.

## Field Screening

One of the remaining tubes is partially emptied leaving about one-third of the soil in the tube. The tube is capped with plastic end caps and set aside to allow hydrocarbons to volatilize from the soil. After ten to fifteen minutes, a portable volatile vapor analyzer measures volatile hydrocarbon vapor concentrations in the tube headspace, extracting the vapor through a slit in the cap. Volatile vapor analyzer measurements are used along with the field observations, odors, stratigraphy and groundwater depth to select soil samples for analysis.

## Conestoga-Rovers & Associates

## Water Sampling

Water samples, if they are collected from the boring, are either collected using a driven Hydropunch® type sampler or are collected from the open borehole using bailers. The groundwater samples are decanted into the appropriate containers supplied by the analytic laboratory. Samples are labeled, placed in protective foam sleeves, stored on crushed ice at or below 4°C, and transported under chain-of-custody to the laboratory. Laboratory-supplied trip blanks accompany the samples and are analyzed to check for cross-contamination. An equipment blank may be analyzed if non-dedicated sampling equipment is used.

## Grouting

If the borings are not completed as wells, the borings are filled to the ground surface with cement grout poured or pumped through a tremie pipe.

## MONITORING WELL INSTALLATION, DEVELOPMENT AND SAMPLING

## Well Construction and Surveying

Groundwater monitoring wells are installed to monitor groundwater quality and determine the groundwater elevation, flow direction and gradient. Well depths and screen lengths are based on groundwater depth, occurrence of hydrocarbons or other compounds in the borehole, stratigraphy and State and local regulatory guidelines. Well screens typically extend 10 to 15 feet below and 5 feet above the static water level at the time of drilling. However, the well screen will generally not extend into or through a clay layer that is at least three feet thick.

Well casing and screen are flush-threaded, Schedule 40 PVC. Screen slot size varies according to the sediments screened, but slots are generally 0.010 or 0.020 inches wide. A rinsed and graded sand occupies the annular space between the boring and the well screen to about one to two feet above the well screen. A two feet thick hydrated bentonite seal separates the sand from the overlying sanitary surface seal composed of Portland type I, II cement.

Well-heads are secured by locking well-caps inside traffic-rated vaults finished flush with the ground surface. A stovepipe may be installed between the well-head and the vault cap for additional security.

The well top-of-casing elevation is surveyed with respect to mean sea level and the well is surveyed for horizontal location with respect to an onsite or nearby offsite landmark.

## Conestoga-Rovers & Associates

## Well Development

Wells are generally developed using a combination of groundwater surging and extraction. Surging agitates the groundwater and dislodges fine sediments from the sand pack. After about ten minutes of surging, groundwater is extracted from the well using bailing, pumping and/or reverse air-lifting through an eductor pipe to remove the sediments from the well. Surging and extraction continue until at least ten well-casing volumes of groundwater are extracted and the sediment volume in the groundwater is negligible. This process usually occurs prior to installing the sanitary surface seal to ensure sand pack stabilization. If development occurs after surface seal installation, then development occurs 72 hours after seal installation to ensure that the Portland cement has set up correctly.

All equipment is steam-cleaned prior to use and air used for air-lifting is filtered to prevent oil entrained in the compressed air from entering the well. Wells that are developed using air-lift evacuation are not sampled until at least 24 hours after they are developed.

## Groundwater Sampling

Depending on local regulatory guidelines, three to four well-casing volumes of groundwater are purged prior to sampling. Purging continues until groundwater pH, conductivity, and temperature have stabilized. Groundwater samples are collected using bailers or pumps and are decanted into the appropriate containers supplied by the analytic laboratory. Samples are labeled, placed in protective foam sleeves, stored on crushed ice at or below 4°C, and transported under chain-of-custody to the laboratory. Laboratory-supplied trip blanks accompany the samples and are analyzed to check for cross-contamination. An equipment blank may be analyzed if non-dedicated sampling equipment is used.

## Waste Handling and Disposal

Soil cuttings from drilling activities are usually stockpiled onsite and covered by plastic sheeting. At least three individual soil samples are collected from the stockpiles and composited at the analytic laboratory. The composite sample is analyzed for the same constituents analyzed in the borehole samples in addition to any analytes required by the receiving disposal facility. Soil cuttings are transported by licensed waste haulers and disposed in secure, licensed facilities based on the composite analytic results.

Groundwater removed during development and sampling is typically stored onsite in sealed 55-gallon drums. Each drum is labeled with the drum number, date of generation, suspected contents, generator identification and consultant contact. Upon receipt of analytic results, the water is either pumped out using a vacuum truck for transport to a licensed waste treatment/disposal facility or the individual drums are picked up and transported to the waste facility where the drum contents are removed and appropriately disposed.

I:\Rocklin.Public\Procedures & SOPs\SB & MW Installation.doc

APPENDIX C

PERMITS

## Alameda County Public Works Agency - Water Resources Well Permit

PUBLIC	399 Elmhurst Street Hayward, CA 94544-139 Telephone: (510)670-6633 Fax:(5			
Application Approved	d on: 03/01/2011 By jamesy	Permit Numbers: W2011-0118 Permits Valid from 03/11/2011 to 03/12/2011		
Application Id: Site Location:	1299002679872	City of Project Site:Oakland		
Project Start Date: Assigned Inspector:	800 Franklin St, Oakland, CA 03/11/2011 Contact Steve Miller at (510) 670-5517 or stever	Completion Date:03/12/2011 em@acpwa.org		
Applicant:	Conestoga-Rovers - Bryan Fong	Phone: 510-420-3369		
Property Owner:	5900 Hollis St, Ste A, Emeryville, CA 94608 Tommy Chiu	<b>Phone:</b> 510-282-5446		
Client:	PO Box 28194, Oakland, CA 94606 ** same as Property Owner **			
	Receipt Number: WR2011-0056 Payer Name : Conestoga-Rovers			

#### Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitorinig Study - 3 Boreholes Driller: Vapor Tech - Lic #: 916085 - Method: other

Work Total: \$265.00

#### Specifications

Permit	Issued Dt	Expire Dt	#	Hole Diam	Max Depth
Number W2011-	03/01/2011	06/09/2011	Boreholes 3	3.00 in.	30.00 ft
0118					

#### **Specific Work Permit Conditions**

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.

2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.

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

4. Applicant shall contact Steve Miller for an inspection time at (510) 670-5517 or email to stevem@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

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

6. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and

## Alameda County Public Works Agency - Water Resources Well Permit

coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.

7. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

No Fee Document Pursuant To Government Code Section 6103

recording requested by:

CITY OF OAKLAND when recorded mail to:

City of Oakland CEDA - Building Services Dalziel Administration Building 250 Ogawa Plaza - 2nd Floor Oakland, CA 94612 Attn: City Engineer

----- space above for Recorder's use only --

## **INDENTURE AGREEMENT**

Address 800 Franklin Street

#### permit no. <u>ENMI 11154</u>

parcel no. <u>001 -0193-057-00</u>

authorities Municipal Code Section 12.08.080

description <u>Allow monitoring well, MW-7, on 8th Street and add non-permitted monitoring wells MW-2,</u> MW-3A, MW-4, and MW-5 on 8th and Franklin Streets.

#### RECITAL

The owner subscribed below of fee simple interest in the property referenced above and described in Exhibit B attached hereto, is hereby granted, for an indeterminate period of time, the revocable permit referenced above allowing the temporary encroachment described above and delineated in Exhibit C, attached hereto, and limiting the use, exercise, and operation of the encroachment with the requirements and restrictions set forth in Exhibit A, attached hereto, and the associated permit. The owner agrees by and between themselves to be bound by the general and special conditions in Exhibit A and to comply with these conditions faithfully and fully at all times. The conditions of this agreement and associated permit shall equally bind all agents, heirs, successors, and assigns of the owner.

ACKNOWLEDGEMENT OF PROPERTY OWNER

(Notarization of signature required)

Chen-Tso Chiu

en-too Signature Chen-Tso Chiu

AKA Tommy

#### ATTACHMENTS

Exhibit C - Limits of encroachment

Date 4-17-12

Exhibit **A** - Conditions of encroachment Exhibit **B** - Description of privately owned parcel

CITY OF OAKLAND a municipal corporation	by	date		
× -		DAVID HARLAN		
RAYMOND M. DERANIA		Engineering Manager – Building Services		
City Engineer		Community and Economic Development Agency		

## CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California	
County of Alameda }	
On April 17 2012 before me, HUNG CHI	e Insert Name and Title officer
personally appeared <u>CHEN-TSO CHIU a Ka</u> T	OMMY CINU



who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/per/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

	Signature.	
Place Notary Seal Above		Signature of Notary Public
	— OPTIONAL ———	

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

#### **Description of Attached Document**

Title or Type of Document: Indenture Agreem	ent	
Document Date: April 17, 2012	Number of Pages: 07-	

Signer(s) Other Than Named Above:

## Capacity(ies) Claimed by Signer(s)

Attorney in Fact	RIGHT THUMBPRINT OF SIGNER Top of thumb here	Signer's Name: Individual Corporate Officer — Title(s): Partner — I Limited I General Attorney in Fact Trustee Guardian or Conservator Other:	RIGHT THUMBPRINT OF SIGNER Top of thumb here
Signer Is Representing:		Signer Is Representing:	

© 2007 National Notary Association • 9350 De Soto Ave., P.O. Box 2402 • Chatsworth, CA 91313-2402 • www.NationalNotary.org Item #5907 Reorder: Call Toll-Free 1-800-876-6827

## EXHIBIT A

### Conditions For An Encroachment In The Public Right-Of-Way

address 800 Franklin Street

permittee CHEN-TSO CHIU

parcel no. 001 -0193-057-00

permit no. ENMI 11154

### General conditions of the encroachment

- 1. This agreement may be voided and the associated permit for an encroachment may be revoked at any time and for any reason, at the sole discretion of the City Administrator or his or her designee, or the associated permit may be suspended at any time, at the sole discretion of the City Engineer, upon failure of the permittee to comply fully and continuously with each and all of the general and special conditions set forth herein and in the associated permit.
- 2. The property owner and permittee hereby disclaim any right, title, or interest in or to any portion of the public right-of-way, including the sidewalk and street, and agree that the encroachment is granted for indeterminate period of time and that the use and occupancy by the permittee of the public right-of-way is temporary and does not constitute an abandonment, whether expressed or implied, by the City of Oakland of any of its rights associated with the statutory and customary purpose and use of and operations in the public right-of-way.
- 3. The permittee agrees to indemnify and save harmless the City of Oakland, its officers, agents, employees, and volunteers, and each of them, from any suits, claims, or actions brought by any person or persons, corporations, or other entities for on account of any bodily injury, disease, or illness, including death, damage to property, real or personal, or damages of any nature, however caused, and regardless of responsibility for negligence, arising in any manner out of the construction of or installation of a private improvement itself or sustained as result of its construction or installation or resulting from the permittees' failure to maintain, repair, remove and/or reconstruct the private improvement.
- 4. The permittee shall maintain fully in force and effect at all times that the encroachment occupies the public right-of-way good and sufficient public liability insurance in a face amount not less than \$300,000.00 for each occurrence, and property damage insurance in a face amount not less than \$50,000.00 for each occurrence, both including contractual liability, insuring the City of Oakland, its officers, agents, employees, and volunteers against any and all claims arising out of the existence of the encroachment in the public right-of-way, as respects liabilities assume under this permit, and that a certificate of such insurance and subsequent notices of the renewal thereof, shall be filed with the City Engineer of the City of Oakland, and that such certificate shall state that the insurance coverage shall not be canceled or be permitted to lapse without thirty calendar (30) days written notice to the City Engineer. The permittee also agree that the City of Oakland may review the type and amount of insurance required of the permittee annually and may require the permittee to increase the amount of and/or change the type of insurance overage required.
- 5. The permittee shall be solely and fully liable and responsible for the repair, replacement, removal, reconstruction, and maintenance of any portion or all of the private improvements constructed or installed in the public right-of-way, whether by the cause, neglect, or negligence of the permittee or others and for the associated costs and expenses necessary to restore or remove the encroachment to the satisfaction of the City Engineer and shall not allow the encroachment to become a blight or a menace or a hazard to the health and safety of the general public.
- 6. The permittee acknowledge and agree that the encroachment is out of the ordinary and does not comply

with City of Oakland standard installations. The permittee further acknowledge and agree that the City of Oakland and public utility agencies will periodically conduct work in the public right-of-way, including excavation, trenching, and relocation of its facilities, all of which may damage the encroachment. Permittee further acknowledge and agree that the City and public utility agencies take no responsibility for repair or replacement of the encroachment which may be damaged by the City or its contractors or public utility agencies or their contractors. Permittee further acknowledge and agree that upon notification by and to the satisfaction of the City Engineer, permittee shall immediately repair, replace, or remove, at the sole expense of the permittee, all damages to the encroachment that are directly or indirectly attributable to work by the City or its contractors or public utility agencies or their contractors.

- 7. Permittee shall remain liable for and shall immediately reimburse the City of Oakland for all costs, fee assessments, penalties, and accruing interest associated with the City's notification and subsequent abatement action for required maintenance, repairs, or removal, whether in whole or in part, of the encroachment or of damaged City infrastructure made necessary by the failure, whether direct or indirect, of the permittee to monitor the encroachment effectively and accomplish preventative, remedial, or restorative work expeditiously. The City reserves the unqualified right to collect all monies unpaid through any combination of available statutory remedies, including recordation of Prospective Liens and Priority Liens/ Special Assessments with the Alameda County Recorder, inclusion of non-reimbursed amounts by the Alameda County Assessor with the annual assessment of the general levy, and awards of judgments by a court of competent jurisdiction.
- 8. Upon revocation of the encroachment permit, permittee shall immediately, completely, and permanently remove the encroachment from the public right-of-way and restore the public right-of-way to its original conditions existing before the construction or installation of the encroachment, to the satisfaction of the City Engineer and all at the sole expense of the permittee.
- **9.** This agreement and the associated permit for an encroachment shall become effective upon filing of this agreement with the Alameda County Recorder for recordation as an encumbrance of the property and its title.

#### • Special conditions of the encroachment

- **10.** That said permittee shall obtain excavation permit(s) prior to construction and separate excavation permit(s) prior to the removal of the monitoring well.
- 11. That said permittee shall provide to the City of Oakland an AS BUILT plan showing the actual location of the monitoring well. And the results of all data collected from the monitoring well.
- 12. That said permittee shall remove the monitoring well and repair any damage to the street area in accordance with City standards two (2) years after construction or as soon as monitoring is complete.
- 13. That said permittee shall notify the Community & Economic Development Agency, Building Services Division after the monitoring well is removed and the street area restored to initiate the procedure to rescind the minor encroachment permit.
- 14. That the monitoring well cover installed within the sidewalk area shall have a skid-proof surface.
- 15. That the monitoring well casting and cover shall be iron and shall meet H-20 load rating. The cover shall be secured with a minimum of two stainless steel bolts. Bolts and cover shall be mounted flush with the surrounding surface. For sidewalk installations, a pre-cast concrete utility box and non-skid

cover may be needed in conjunction with the bolted cast iron cover with City approval.

- 16. That said permittee acknowledges that the City makes no representations or warranties as to the conditions beneath said encroachment. By accepting this revocable permit, permittee agrees that it will use the encroachment area at its own risk, is responsible for the proper coordination of its activities with all other permittee, underground utilities, contractors, or workmen operating, within the encroachment area and for the safety of itself and any of its personnel in connection with its entry under this revocable permit.
- 17. That said permittee acknowledges that the City is unaware of the existence of any hazardous substances beneath the encroachment area, and permittee hereby waives and fully releases and forever discharges the City and its officers, directors, employees, agents, servants, representatives, assigns and successors from any and all claims, demands, liabilities, damages, actions, causes of action, penalties, fines, liens, judgments, costs, or expenses whatsoever (including, without limitation, attorneys' fees and costs), whether direct or indirect, known or unknown, foreseen or unforeseen, that may arise out of or in any way connected with the physical condition or required remediation of the excavation area of any law or regulation applicable thereto, including, without limitation, the Comprehensive Environmental Response, Compensation and Liability Act of 1980, as amended (42 U.S.C. Sections 9601 et seq.), the Resource Conservation and Recovery Act of 1976 (42 U.S.C. Section 466 et seq.), the Safe Drinking Water Act (14 U.S.C. Sections 1401, 1450), the Hazardous Waste Control Law (California Health and Safety Code Sections 25100 et seq.), the Porter-Cologne Water Quality Control Act (California Health and Safety Code Section 13000 et seq.), the Hazardous Substance Account Act (California Health and Safety Code Sections 253000 et seq.), and the Safe Drinking Water and Toxic Enforcement Act (California Health and Safety Code Section 25249.5 et seq.).
- 18. That said permittee further acknowledges that it understands and agrees that it hereby expressly waives all rights and benefits which it now has or in the future may have, under and by virtue of the terms of California Civil Code Section 1542, which reads as follows: "A GENERAL RELEASE DOES NOT EXTEND TO CLAIMS WHICH THE CREDITOR DOES NOT KNOW OR SUSPECT TO EXIST IN HIS FAVOR AT THE TIME OF EXECUTING THE RELEASE, WHICH IF KNOWN BY HIM MUST HAVE MATERIALLY AFFECTED HIS SETTLEMENT WITH THE DEBTOR."
- **19.** That said permittee recognizes that by waiving the provisions of this section, permittee will not be able to make any claims for damages that may exist, and to which, if known, would materially affect its decision to agree to these encroachment terms and conditions, regardless of whether permittee's lack of knowledge is the result of ignorance, oversight, error, negligence, or any other cause.
- **20.** (a) That said permittee, by the acceptance of this revocable permit, agrees and promises to indemnify, defend, and hold harmless the City of Oakland, its officers, agents, and employees, to the maximum extent permitted by law, from any and all claims, demands, liabilities damages, actions, causes of action, penalties, fines, liens, judgments, costs, or expenses whatsoever (including, without limitation, attorneys' fees and costs; collectively referred to as "claims", whether direct or indirect, known or unknown, foreseen or unforeseen, to the extent that such claims were either (1) caused by the permittee, its agents, employees, contractors or representatives, or, (2) in the case of environmental contamination, the claim is a result of environmental contamination that emanates or emanated from 800 Franklin Street, Oakland, California site, or was otherwise caused by the permittee, its agents, employees.

(b) That, if any contamination is discovered below or in the immediate vicinity of the encroachment, and the contaminants found are of the type used, housed, stored, processed or sold on or

from 800 Franklin Street, Oakland, California site, such shall amount to a rebuttable presumption that the contamination below, or in the immediate vicinity of, the encroachment was caused by the permittee, its agents, employees, contractors or representatives.

(c) That said permittee shall comply with all applicable federal, state, county and local laws, rules, and regulations governing the installation, maintenance, operation and abatement of the encroachment.

- 21. That said Minor Encroachment Permit and Agreement shall take effect when all the conditions hereinabove set forth shall have been complied with to the satisfaction of the City Engineer, and shall become null and void upon the failure of the permittee to comply with all conditions.
- 22. That said permittee understands that a rescission of this agreement will be needed at some future date when monitoring is completed and well(s) are removed. Additional permitting will be required.
- 23. That said Indenture Agreement alone does not allow work to be done which requires inspection. Permittee to obtain any and all required permits before beginning work.
- 24. The City, at it sole discretion and at future date not yet determined, may impose additional and continuing fees as prescribed in the Master Fee Schedule for use and occupancy of the public right-of-way.

## EXHIBIT B

#### **Description Of the Private Property Abutting The Encroachment**

#### address 800 Franklin Street

parcel no. 001 -0193-057-00

deed no. <u>1990-117124</u>

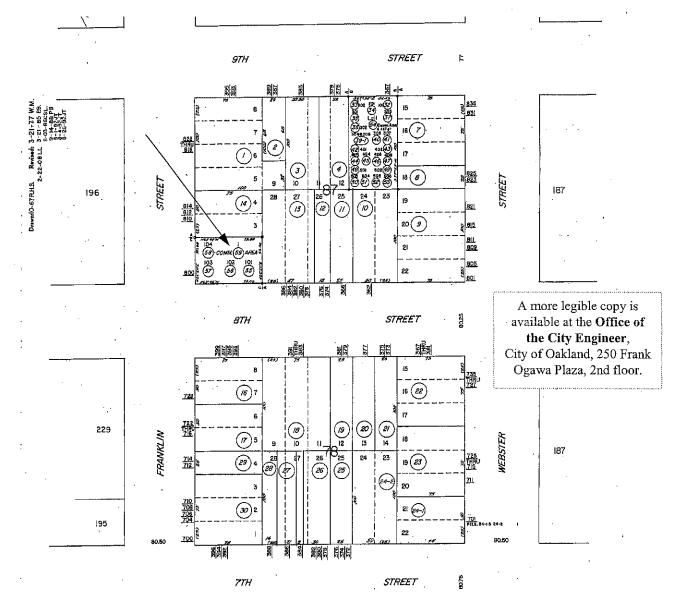
recorded April 30, 1990

County of Alameda

, State of California:

Beginning at the point of intersection of the Northern line of 8th Street with the Eastern line of Franklin Street 50 feet; thence Easterly parallel with said line of 8th Street, 75 feet; thence Southerly parallel with said line of Franklin Street 50 feet to the Northern line of 8th Street; thence Westerly along the said line of 8th Street, 75 feet to the point of beginning.

Being Lots 1 and 2 in Elock 87, as said lots and block are shown on the Kellerberger's Map of Oakland, on file in the office of the County Recorder of Alameda County.



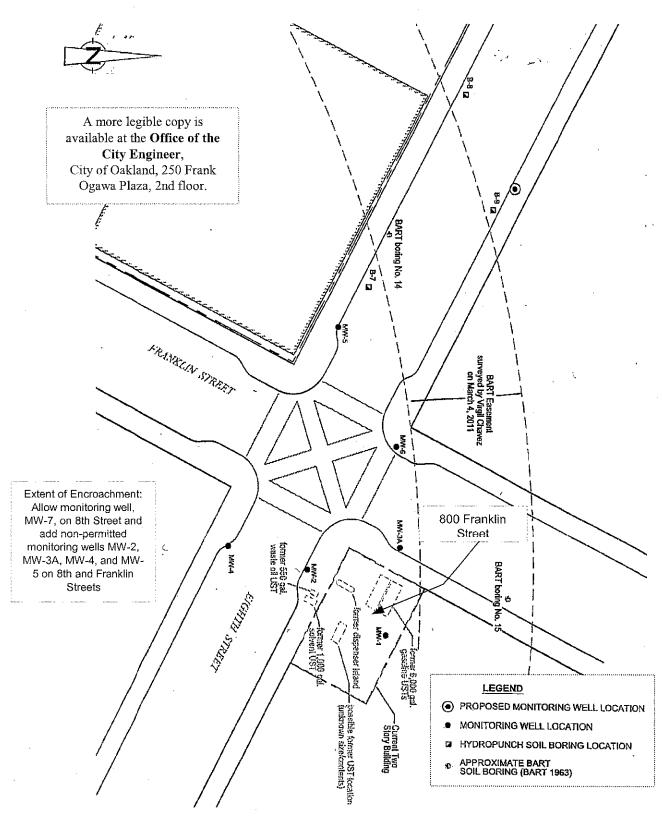
Minor Encroachment Agreement Conditions of Indenture

## EXHIBIT C

#### Limits Of The Encroachment In The Public Right-Of-Way

address 800 Franklin Street

parcel no. 001 -0193-057-00



Minor Encroachment Agreement Conditions of Indenture page 7 of 7 ENMI 11154

	CITY OF OAKLAND • 250 Frank H. Ogawa Plaza, 2r						
Applications	for which no permit is issued wit	hin 180 days shall expi	re by limital	ion. No refu	ind more than 18	0 days after expira	tion or final.
Appl# X1	.200834 Job Site	e 800 FRANKL	IN ST		Pa	rcel# 001 -0	193-057-00
	Excavate for one new MW-7. Job #581000. Call for PWA PRE-CON EXCAVATION-PRIVATE P					Permit Issued	1 05/04/12
USA #		Util Co. Job Util Fund #:	# 58100C	I	Acctg#	:	
			cnt P	hone#	Lic# -	-License Cla	
	CHIU, CHEN-TSO VAPOR TECH SERVICES	X			" 15 916085 C		
Agent	CRA WORLD/B. FONG 1348 66TH ST, BERKELI	EY CA, 94702	(510	)420-330	69		
	JOB SITE			\$71.00 \$.00 \$.00	FEES TO BE Applic Process Gen Plan Other	\$36.10 \$.00	Permit
	Ger	Permit	Issued E	ЗУ	9	Date:	
				3¥		Date:	
ADDRESS:							
		, silvellar ir	1999, a su	- 1.			
						e to according to a second sec	zent

#### CITY OF OAKLAND • Department of Planning, Building and Neighborhood Preservation 250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • Fax (510) 238-2263

Applications for which no permit is issued within 180 days shall expire by limitation. No refund more than 180 days after expiration or final.

Parcel #: 001 -0193-057-00 Permit No. X1200834 800 FRANKLIN ST Project Address:

Page 2 of 2

Licensed Contractors' Declaration I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

Construction Lending Agency Declaration

I hereby affirm under penalty of perjury that there is a construction-lending agency for the performance of the work for which this permit is issued, as provided by Section 3097 of the Business and Professions Code. N/A under Lender implies No Lending Agency.

Lender

Address

Workers' Compensation Declaration

I hereby affirm under penalty of perjury one of the following declarations:

[] I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

[] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

CARRIER: \_\_\_POLICY NO. \_\_

[ ] I certify that in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions.

WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS, IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS PROVIDED FOR IN SECTION 3707 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.

Hazardous Materials Declaration

I hereby affirm that the intended occupancy [ ] WILL [ ] WILL NOT use, handle or store any hazardous, or acutely hazardous, materials. (Checking "WILL" acknowledges that Sections 25505, 25533, & 25534 of the Health & Safety Code, as well as filing instructions, were made available to you.)

I HEREBY CERTIFY THE FOLLOWING: That I have read this document; that the above information is correct; and that I have truthfully affirmed all applicable declarations contained in this document. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection. I am fully authorized by the owner and to perform the work authorized by this permit.

PRINT NAME

ADDRESS

ō

ND • Community and Economic Development Agency 250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 · Phone (510) 238-3443 · Fax (510) 238-2263 Applications for which no permit is issued within 180 days shall expire by limitation. No refund more than 180 days after expiration or final. Appl# ENMI11154 Job Site 800 FRANKLIN ST ORDS Parcel# 001 -0193-057-00 Mini Descr Install additional monitoring well, MW-7, on 8th Street Filed 10/03/11 between Broadway & Franklin St. Determine if other wells exist that have not been permitted. Rescission needed. See updated description below. Insurance Required? YES Carrier Expires Applcnt Phone# Lic# --License Classes--Owner CHIU, CHEN-TSO Contractor Arch/Engr Agent CRA WORLD/B. FONG Х (510)420-3369 Applic Addr \$1,133.73 FEES TO BE PAID AT FILING \$.00 FEES TO BE PAID AT ISSUANCE \$71.00 Applic \$.00 Permit \$917.00 Process \$93.86 Rec Mgmt \$.00 Invstg \$.00 Gen Plan \$.00 Other \$51.87 Tech Enh Permit Issued By \_\_\_\_\_ Date: PTS100-0bPLLCATION UPDATE/QU Finaled By \_\_\_\_\_ Date: UPDATE/QUERY PROJECT INFORMATION 10/25/11 08:39:53 Applic#\* TMI11154 Type: Next Option: 101 Date Filed: 10/03/11 Disposition: NUMBER STREET NAME SUFFIX\* SUITE ASSESSOR PARCEL# \$ite addr: 1) 800 FRANKLIN : ST001 -0193-057-00 2) 3) DESCRIPTION Prel Cond: X Cond Aprvl: LPDATED Viol: oj Descr: Install monitoring well, MW-7, on 8th Street between Broadway & Franklin St. Add the following wells that have not been permitted: MW-2, -3A, +4, and -5. Rescission needed Insp Div: ENG-SVCS Dist: 01 Track: Lic#\_\_ Phone# Applicant Owner: CHIU, CHEN-TSO Contractor: Arch/Engr: Agent: CRA WORLD/B. FONG (510)420-3369 Х pplicant Addr: No Fee: City/State: Zip: Wrkrs Comp\* ÖOther Related Applic#s: X0700110 0B070092 OB070124 OB070147 ENMI07056 X1100238 OB110142 OB110143 ENMI96084 F3=Ext F5=Chg F6=Add F7=Fwd F8=Bck F11=Fnd F12=Prv F23=Dsc F24=Com 807 Press ENTER to view page 2 data

CITY OF OAKLAND 250 Frank H. Ogawa Plaza, 2nd Floor, Canada	d Preservation • Fax (510) 238-2263
Applications for which no permit is issued within 180 days shall expire by limitation. No refund more	e than 180 days after expiration or final.
Appl# OB120401 Job Site 800 FRANKLIN ST	Parcel# 001 -0193-057-00
Divert traffic lane on 8th St per TSD12-0071. Metered s on separate OB permit. One space NO FEE ref: X1200834. Non-Consecutive Days	paces Permit Issued 05/04/12
NON-CONSECUTIVE DAYS	
Nbr of days: 3 Effective: 05/17/12 SHORT TERM NON-METERED	Linear feet: 200 Expiration: 05/23/12
Applcnt Phone# L	ic#License Classes
Owner CHIU, CHEN-TSO	
Contractor VAPOR TECH SERVICES X (415)378-0415 91 Arch/Engr	6085 C57
Agent CRA WORLD/B. FONG (510)420-3369 Applic Addr 1348 66TH ST, BERKELEY CA, 94702	
\$71.00 Applic       \$414.00 Permit         \$.00 Process       \$46.08 Rec Mgmt         \$.00 Gen Plan       \$.00 Invstg         \$.00 Other       \$25.46 Tech Enh	TO BE PAID AT ISSUANCE
ICB SITE	
TCP needs to be approved by Transportation Services every 30 days from the previously approved plan.	s or whenever deviated
Applicant:	
Issued by:	
	5 4 Liz Curb

CITY OF OAKLAND . Department of Planning, Building and Neighborhood Preservation 250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • Fax (510) 238-2263 Applications for which no permit is issued within 180 days shall expire by limitation. No refund more than 180 days after expiration or final. App1# OB120402 Job Site 800 FRANKLIN ST Parcel# 001 -0193-057-00 Reserve 5 metered spaces on 8th St to allow new monitoring Permit Issued 05/04/12 well to be installed. Non-Consecutive Days: 05/17; 05/22; 05/23. NON-CONSECUTIVE DAYS **Display on Dashboard** Nbr of days: 3 Nbr of meters: 5 Effective: 05/17/12 Expiration: 05/23/12 SHORT TERM METERED Applcnt Phone# Lic# --License Classes--Owner CHIU, CHEN-TSO Contractor VAPOR TECH SERVICES Х (415)378-0415 916085 C57 Arch/Engr Agent CRA WORLD/B. FONG (510)420-3369Applic Addr 1348 66TH ST, BERKELEY CA, 94702 \$675.31 FEES TO BE PAID AT ISSUANCE \$71.00 Applic \$517.50 Permit \$.00 Process \$55.91 Rec Mgmt \$.00 Gen Plan \$.00 Invstg \$.00 Other \$30.90 Tech Enh 163 51 **Display on Dashboard** To Have Illegally Parked Vehicle **Ticketed Call 510-777-3333** For Towed Car Call 510-238-3021 TCP needs to be approved by Transportation Services every 30 days or whenever deviated from the previously approved plan. ADDRESS Applicant: Issued by: ā

250 Frank H. Ogawa Plaza, 2nd		<ul> <li>Phone (510) 238</li> </ul>		238-2263
ations for which no permit is issued with	in 180 days shall expire by li	imitation. No refund	more than 180 day	vs after expiration or final.
		•		
	Cito POA EDANKIA	TN CT	Bargo	L# 001 -0193-057-00
Appl# OB120467 Job	Site 800 FRANKLI	LN SI	Parce.	L# 001 -0193-057-00
Reserve 3 metered spa	ces on 8th St to a	llow new monit	toring Perm	nit Issued 05/31/12
well to be installed.				
			_	
Nbr of days: 1 DISP	play on Da	shboar		
Effective: 06/05/12			Expiratio	on: 06/05/12
	SHORT TERM METERI	SD.		
	Applent	Phone#	Lic#Li	cense Classes
Owner CHIU, CHEN-TSO				
Contractor VAPOR TECH SERVICES	Х	(415)378-0415	916085 C57	
Arch/Engr Agent CRA WORLD/B. FONG		(510)420-3369		
Applic Addr 1348 66TH ST, BERKELE		(510) 420-5505		
		•		ID AT ISSUANCE
			pplic rocess	\$103.50 Permit \$16.58 Rec Mgmt
			en Plan	\$.00 Invstg
		\$.00 O	ther	\$9.16 Tech Enh
	ni	splay o	n Nach	hoard
		spiay c	n Basi	i sour a
A Contraction of the second				
				****
Тон	ave Illega	llv Parl	ked Ve	hicle
Ti	cketed Ca	<b>il 510-</b> 7	777-333	33
	2000		• <i>~ ~ ~ ~ ~ ~</i>	Ph di
n de la companya de l	or Towed Car	' Gali ont	J-230-3U.	6 1 J
	۲۰۰۹ میں ۲۰۰۹ ۱۹۹۹ - ۲۰۰۹ میں ۲۰۰۹ میں ۲۰۰۹ میں ۲۰۰۹ ۱۹۹۹ - ۲۰۰۹ میں ۲۰			
			· .	
TCP needs to be approved by Tr		ces every 30	days or when	ever deviated
ຫຼຸ່ from the previously approved p ທ	olan.			
is from the previously approved p				
ADI AND				
Applicant:	t			
Issued by:				
	With the grade of the second		S. A.	
	an a			
			D	
			annonan	131112 Juito
				—

CITY OF OAKLAND • Department of Planning, Building and Neighborhood Preservation 30 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • Fax (510) 238-2263 s for which no permit is issued within 180 days shall expire by limitation. No refund more than 180 days after expiration or final. App1# OB120466 Job Site 800 FRANKLIN ST Parcel# 001 -0193-057-00 Divert traffic lane on 8th St per TSD12-0071. Metered spaces Permit Issued 05/31/12 on separate OB permit. One space NO FEE ref: X1200834. Non-Consecutive Days Nbr of days: 1 Linear feet: 200 Effective: 06/05/12 Expiration: 06/05/12 SHORT TERM NON-METERED Applcnt Phone# Lic# --License Classes--Owner CHIU, CHEN-TSO Contractor VAPOR TECH SERVICES Х (415)378-0415 916085 C57 Arch/Engr Agent CRA WORLD/B. FONG (510)420 - 3369Applic Addr 1348 66TH ST, BERKELEY CA, 94702 \$239.83 FEES TO BE PAID AT FILING \$.00 FEES TO BE PAID AT ISSUANCE \$71.00 Applic \$138.00 Permit \$.00 Process \$19.86 Rec Mgmt \$.00 Gen Plan \$.00 Invstg \$.00 Other \$10.97 Tech Enh 103 5175 TCP needs to be approved by Transportation Services every 30 days or whenever deviated from the previously approved plan. Applicant: Issued by:

ADDRESS:

DIST

CITY OF OAKLAND • Department of Planning, Building and Neighborhood Preservation 250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • Fax (510) 238-2263 ,ons for which no permit is issued within 180 days shall expire by limitation. No refund more than 180 days after expiration or final. App1# OB120485 Job Site 800 FRANKLIN ST Parcel# 001 -0193-057-00 Reserve 3 metered spaces on 8th St to allow new monitoring Permit Issued 06/05/12 well to be installed. One space NO FEE ref: X1200834. Display on Dashboard Nbr of meters: 3 Nbr of days: 1 Effective: 06/08/12 Expiration: 06/08/12 SHORT TERM METERED Lic# --License Classes--Applcnt Phone# Owner CHIU, CHEN-TSO Contractor VAPOR TECH SERVICES (415)378-0415 916085 C57 Х Arch/Engr (510)420-3369Agent CRA WORLD/B. FONG Applic Addr 1348 66TH ST, BERKELEY CA, 94702 \$200.24 FEES TO BE PAID AT ISSUANCE \$71.00 Applic, \$103.50 Permit \$.00 Process \$16.58 Rec Mgmt \$.00 Gen Plan \$.00 Invstg \$.00 Other \$9.16 Tech Enh **Display on Dashboard To Have Illegally Parked Vehicle Ticketed Call 510-777-3333** For Towed Car Call 510-238-3021 TCP needs to be approved by Transportation Services every 30 days or whenever deviated from the previously approved plan. ADDRESS Applicant: Issued by: ā

### Alameda County Public Works Agency - Water Resources Well Permit

	399 Elmhurst Street Hayward, CA 94544-139 Telephone: (510)670-6633 Fax:(5	
Application Approved	l on: 05/01/2012 By jamesy	Permit Numbers: W2012-0310 Permits Valid from 05/02/2012 to 06/30/2012
Application ld:	1335827691759	City of Project Site: Oakland
Site Location: Project Start Date: Assigned Inspector:	800 Franklin St, Oakland, CA 05/02/2012 Contact Vicky Hamlin at (510) 670-5443 or vicky	Completion Date:06/30/2012 /h@acpwa.org
Applicant:	Conestoga Rovers - Andrew Renshaw	Phone: 510-420-3368
Property Owner:	5900 Hollis St. Ste. A, Emeryville, CA 94608 Tommy Chin	Phone: 510-282-5446
Client:	PO Box 28194, Oakland, CA 94606 ** same as Property Owner **	510-385-0737
	Receipt Number: WR2012-0134 Payer Name : Conestoga Rovers	
Works Requesting Pe	ermits:	
Well Construction-Mor	nitoring-Monitoring - 1 Wells	

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2012- 0310	05/01/2012	07/31/2012	MW-7	8.00 in.	2.00 in.	14.00 ft	35.00 ft

#### **Specific Work Permit Conditions**

Driller: Vapor Tech - Lic #: 916085 - Method: hstem

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

Work Total: \$397.00

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

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

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

#### Alameda County Public Works Agency - Water Resources Well Permit

number and site map.

5. Applicant shall submit the copies of the approved encroachment permit to this office within 60 days.

6. Applicant shall contact Vicky Hamlin for an inspection time at 510-670-5443 or email to vickyh@acpwa.org at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

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

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

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

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

CITY OF OAKLAND • Department of Planning, Building and Neighborhood Preservation 250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • Fax (510) 238-2263

cations for which no permit is issued within 180 days shall expire by limitation. No refund more than 180 days after expiration or final.

Appl# OB120546 Job Site 800 FRANKLIN ST Parcel# 003	1 -0193-057-00
Divert traffic lane on 8th St per TSD12-0071. Metered space Permit Is on separate OB permit.	ssued 06/18/12
Nbr of days: 1 Effective: 06/25/12 SHORT TERM NON-METERED	200 06/25/12
Applent Phone# Lic#License	Classes
Owner CHIU, CHEN-TSO Contractor VAPOR TECH SERVICES X (415)378-0415 916085 C57 Arch/Engr	
Agent CRA WORLD/B. FONG (510)420-3369 Applic Addr 1348 66TH ST, BERKELEY CA, 94702	
\$239.83 FEES TO BE PAID AT FILING \$71.00 Applic \$138.00 Permit \$.00 Process \$19.86 Rec Mgmt \$.00 Gen Plan \$.00 Invstg \$.00 Other \$10.97 Tech Enh JOB SITE	ISSUANCE
TCP needs to be approved by Transportation Services every 30 days or whenever	deviated

from the previously approved plan.

unon

Q.

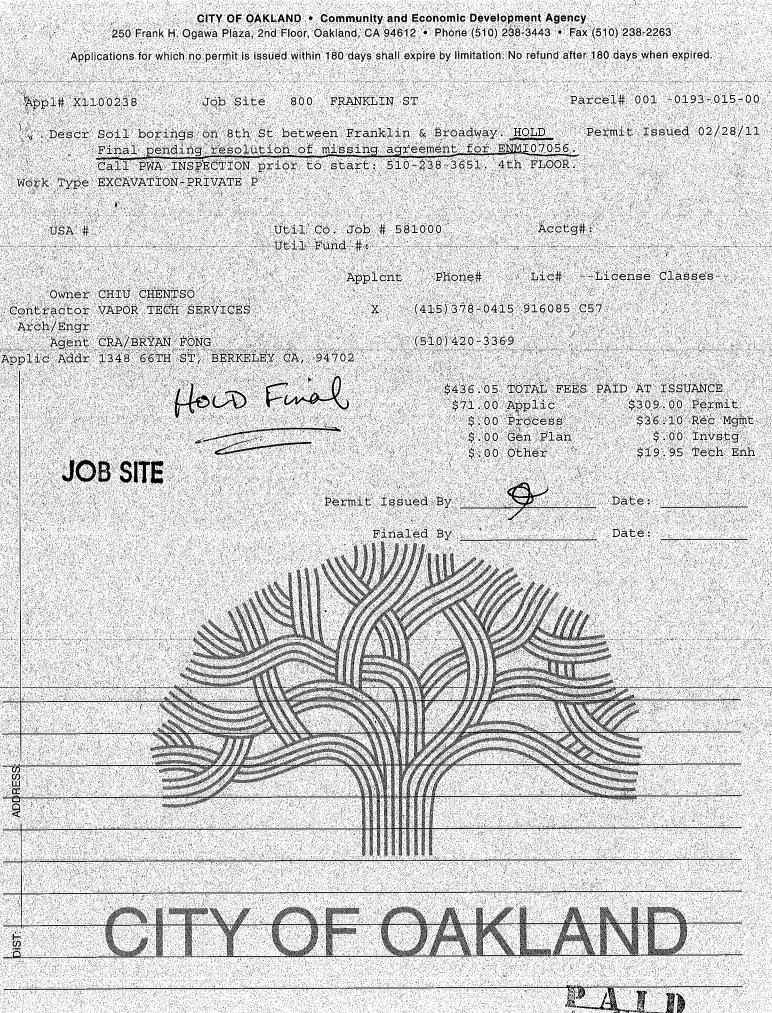
ADDRESS: Applicant:

DIST:

Issued by:

6/18/12

Date: 06/18/12 Amt Paid: \$239.83 By: MKH Register RO2 Receipt# 16151



Applications for which no permit is issued within 180 days shall expire by limitation. No refund after 180 days when expired.

Permit No. X1100238 Parcel #: 001 -0193-015-00 Page 2 of 2 Project Address: 800 FRANKLIN ST

Licensed Contractors' Declaration I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect:

Construction Lending Agency Declaration I hereby affirm under penalty of perjury that there is a construction-lending agency. for the performance of the work for which this permit is issued, as provided by Section 3097 of the Business and Professions Code. N/A under Lender implies No Lending Agency.

Lender

5

Address

Workers' Compensation Declaration

I hereby affirm under penalty of perjury one of the following declarations:

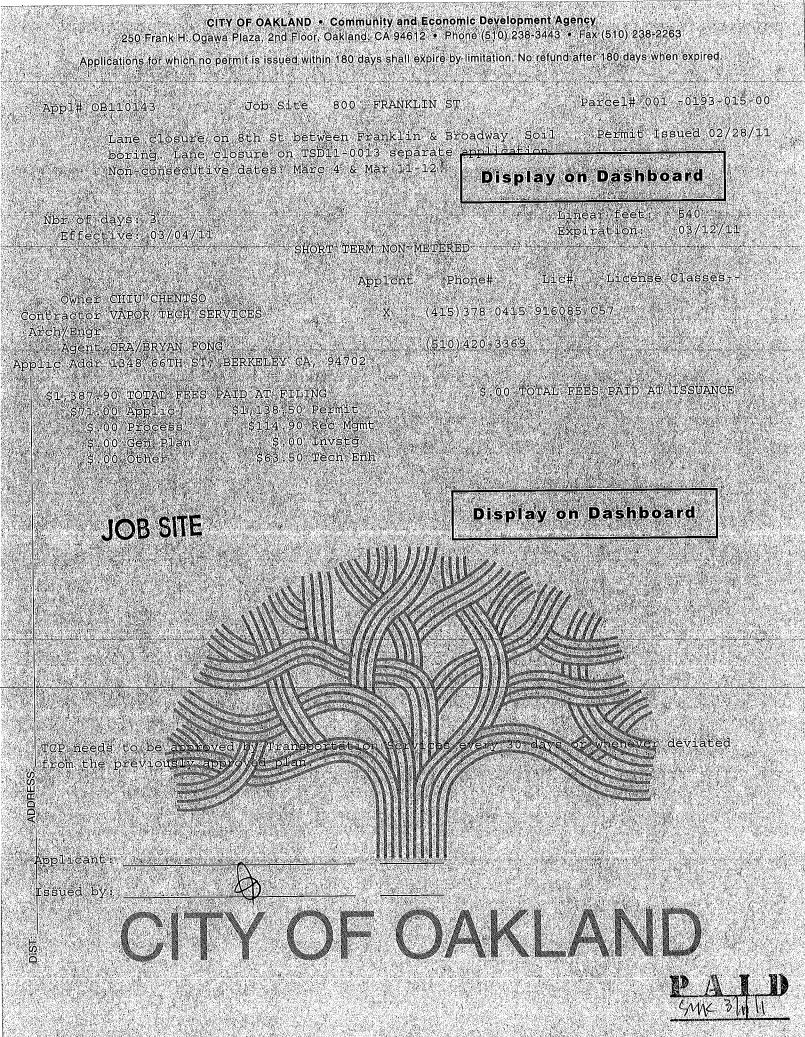
[ ]. I have and will maintain a certificate of consent to self-insure for workers' compensation, as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

[ ] I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

POLICY NO CARRIER: for/which this permit is issued, I [ ] I certify that in the performance shall not employ any person in any manner compensation laws of California, and agree subject to the workers' should become subject to the ode I shall forthwith workers' compensation provisions Sect comply with those provis WARNING: FAILURE TO SECURE WORKERS' COMPENSATION COVERAGE IS UNLAWFUL, AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND OLVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS. IN ADDITION TO THE COST OF COMPENSATION, DAMAGES AS BROVIDED FOR IN SECTION 3707 OF THE LABOR CODE, INTEREST, AND ATTORNE ਸ਼ਾਸ਼ Hazardous Materials Declaration I hereby affirm that the intended occupancy //WILL [ ] WIEL NOT use, handle or store any hazardous, or acutely hazardous materials. (Checking "WIEL" acknowledges that Sections 25505, 25533, 255534 of the Health & Safety Code, as well as filing instructions, were made available to use we as filing instructions, were made availabl ybu.) I HEREBY CERTIFY THE FOLLOWING: That it have bead this document; that the above information is correct; and that I have truthfully affirmed all applicable declarations contained in this document. I agree to comply with all city and county ordinances and state laws relating to building construction, and hereby authorize representatives of this city to enter upon the above-mentioned property for inspection. I am fully authorized by the owner and to this permit. d by cform the work this permit Signature [ ] Contractor, or [ ] Agent Date PRINT NAME

CITY OF OAKLAND • Community and Economic Development Agency 250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • Fax (510) 238-2263 Applications for which no permit is issued within 180 days shall expire by limitation. No refund after 180 days when expired. Parcel# 001 -0193-015-00 FRANKLIN ST App1# 08110142 Job Site 800 Permit Issued 02/28/11 Reserve meters on 8th St between Franklin & Broadway. Soll boring. Lane closure on TSD11-0013 separate applicat Non-consecutive dates: Marc 4 & Mar 11-12. One space no fee. Display on Dashboard Nbr of meters: 12 Nbr of days: 3 03/12/11 Expiration: Effective: 03/04/11 SHORT TERM METERED Lic# --License Classes--Applcnt Phone# Owner CHIU CHENTSO (415)378-0415 916085 C57 Х Contractor VAPOR TECH SERVICES Arch/Engr (510)420-3369 Agent CRA/BRYAN FONG Applic Addr 1348 66TH ST, BERKELEY CA, 94702 \$1,506.67 TOTAL FEES PAID AT ISSUANCE \$71.00 Applic \$1,242.00 Permit \$.00 Process \$124.74 Rec Mgmt \$.00 Invstg \$.00 Gen Plan **JOB SITE** \$68.93 Tech Enh \$.00 Other **Display on Dashboard** never deviated TCP needs to be approved/by from the previously **ADDRESS** Applicant: Issued by: CITY OF OAKLAND DIST

and the second secon



and the second of the second second second second second

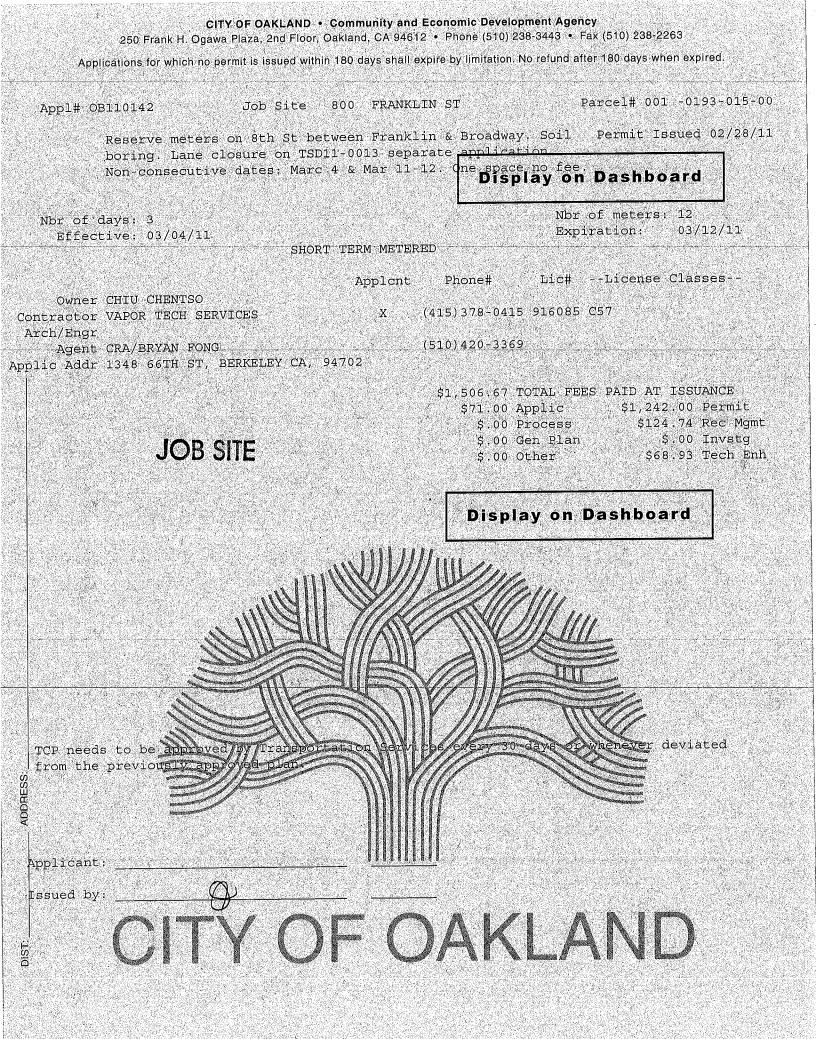
and the second second second second

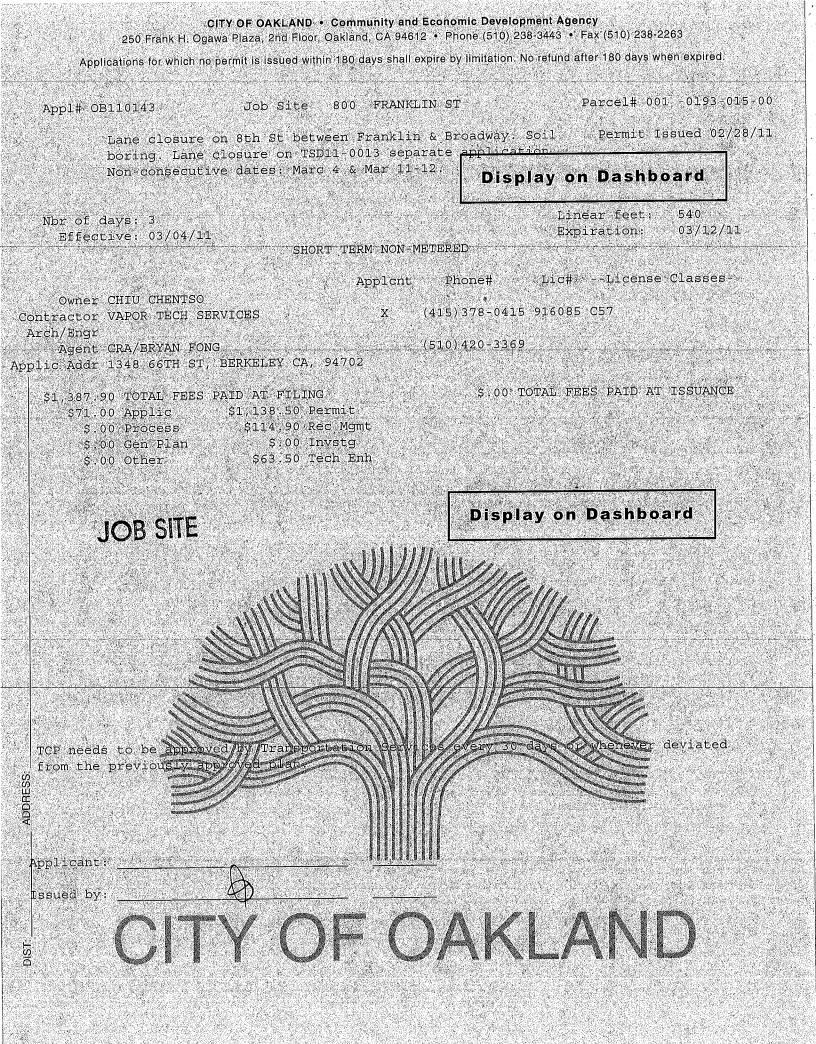
# CITY OF OAKLAND • Community and Economic Development Agency 250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • Fax (510) 238-2263

Applications for which no permit is issued within 180 days shall expire by limitation. No refund after 180 days when expired

boring. La	ers on 8th.St bet ne closure on TSD1 tive dates: Marc	1-0013 separate	<u>applidation</u>		
Abr of days: 3) Effective: 03/04,	/11		9 9 9	Nbr of meters: 12 Expiration: 03	
Owner CHIU CHENTS		TERM-METERED	ione# Li	c#License Cla	sses
ractor VAPOR TECH bh/Engr Agent CRA/BRYAN ) c Addr 1348 66TH s	SERVICES	(510)	378-0415 916 420-3369	085 C57	
IC Addi 1340 661n .	, , , <u>BERRUUU</u> I (CA) 3		\$71.00 Appli	FEES PAID AT ISS c \$1,242.00	Permit ;
JO	B SITE		\$.00 Gen P	ss \$124.74 lan \$.00 \$68.93	Invstg
			Display o	n Dashboard	
			11/min		
		_//////-			
IP needs to be app rom the previously	roved/by/Transport approved plan	ation Services	vs.by-30-days	or whenever devi	ated
olicant:- <u></u>				n sen sparster i sere -	
suëd by:			<b>KL</b>		
			M N h	MINL	

CITY OF OAKLAND • Community and Economic Development Agency 250 Frank H. Ogawa Plaza, 2nd Floor, Oakland, CA 94612 • Phone (510) 238-3443 • Fax (510) 238-2263 Applications for which no permit is issued within 180 days shall expire by limitation. No refund after 180 days when expired. Parcel# 001 -0193-015-00 Job Site 800 FRANKLIN ST App1# OB110143 Permit Issued 02/28/11 Lane closure on 8th St between Franklin & Broadway. Soil boring. Lane closure on TSD11-0013 separate application Non-consecutive dates: Marc. 4 & Mar 11-12. **Display on Dashboard** Linear feet: 540 Nbr of days: 3 03/12/11 Expiration: Effective: 03/04/11 SHORT TERM NON-METERED Lic# --License Classes--Phone# Applcnt Owner CHIU CHENTSO (415)378-0415 916085 C57 X Contractor VAPOR TECH SERVICES Arch/Engr (510)420-3369 Agent CRA/BRYAN FONG Applic Addr 1348 66TH ST, BERKELEY CA, 94702 S.00 TOTAL FEES PAID AT ISSUANCE \$1,387.90 TOTAL FEES PAID AT FILING \$71.00 Applic \$1,138.50 Permit \$114.90 rc. \$.00 Invstg \*\*3.50 Tech Ei \$.00 Process \$114.90 Rec Mgmt \$.00 Gen Plan \$63.50 Tech Enh \$.00 Other **Display on Dashboard** JOB SITE deviated . TCP needs to be approved/b from the previously. ADDRE Applicant: Issued by: CITY OF OAKLAND DIS





# CITY OF OAKLAND



Public Works Agency • 250 Frank H. Ogawa Plaza • Suite 4344 • Oakland, California 94612-2033 Transportation Services Division

Office (510) 238-3466 FAX (510) 238-7415 TDD (510) 839-6451

## **Traffic Engineering Services Analysis Fee Invoice**

Date:	February 25,	2011

TSD Invoice # : \_\_\_\_<u>11-0013</u>

Mard 11-12

To:	Bryon A. Fong
Company:	CRA
Address:	5900 Hollis Street, Ste. A, Emeryville, CA 94608
Phone:	510-420-3369

Created/Received By:

Joe Watson

Location	Description of Work	Project Name / Permit #	# of Hours *
8th Street	Lane Closure		1
	· · · · · · · · · · · · · · · · · · ·		
		Total Hours	1
		TSD Service Rate	\$ 123.00
		Total Fee	\$ 123.00

#### \* - minimum 1 hour service

FOR CITY	USE ONLY
Cost Center No.	W045
Organization No.	30264
Account No.	45119
Fund No.	1750

Cc: Rosalie

APPLICATION FOR TRAFFIC CONTROL PLAN REDEIVED PUBLIC WORKS AGENCY	Transportation Services Fee: \$123/hou (Check or Money Order Only)
City of Oakland IIFEB II PM 2:44	Check the box that apply:
Public Works Agency Transportation Services Division	<ul> <li>Renewal Application</li> <li>New Development w/ Mgmt Plan</li> <li>City of Oakland Project</li> </ul>
Please Read the Following Statements Below:	
<ol> <li>Processing time for a Traffic Control Application is a minimum of 10 business d</li> <li>Traffic Control review is scheduled only on Tuesdays and Thursdays from 8:30</li> <li>A scheduled appointment by phone or email with a TSD staff member is necess any and all traffic control application and plans.</li> </ol>	am thru 11:30am by appointment only. ary to discuss
4. Please call ahead to confirm that the traffic control application is ready for pickup	
<ul> <li>5. Businesses and residences adjacent to the work area must be provided 72 hour a</li> <li>6. A completed traffic control application may be faxed to (510) 238-7415.</li> </ul>	advance notice.
<ol> <li>7. Incomplete traffic control applications will not be processed and returned to appli</li> </ol>	cant immediately.
8. The initial approval for a traffic control plan is 1 month, the renewal submittal may	
<ol> <li>The traffic control provision dates cannot be changed or extended if work has alre</li> <li>After receiving TSD approval of the traffic control application, contractor shall pro-</li> </ol>	-
obtain an obstruction permit.	
Contact Person: Bound A. Fand Phone:	510-420-3369
	510-420-9170
Address of Company: 5900 Hallis Street, Suit A Emparyilly CA	94602
Describe type of work to be performed: Burveying and drilling	
The second of the second secon	A_114 <b>F</b> 11.
1. mal Hada 19.2011 9.202	And* Franklin 16:00 Day Work
Work date (s): March 1 2011 Way The Mon-Fri Sat-Sun Work Hours: 20:	00 to 5:00 Night Work
Please Follow these Steps in Order to Complete a Traff	ic Control Plan:
A. Drawing Area: The full width of all streets adjacent to the site MUST be included in the dra Include the entire block in which your work is located for every street that is adjacent to your	
B. Include Street Names, Direction of Traffic on the Street, and North Arrow	
C. Show Existing Number of Lanes in all Directions (with any pavement arrows)	
	<u>IG</u> Sidewalk Closure must provide pedestrian walk way)
E. Show All Dimensions of street widths (curb to curb), lane widths, sidewalk widths, and w (Note: Traffic Control Application / Plans missing the above information wi	
F. Show the Name and Locations of all advanced warning devices, flaggers, delineators, signs to be used.	warning and construction
RENEWAL PROCESS: Resubmit a completed Traffic Control Application with the old approved plan (with t	he necessary modifications / changes to the plans)
FOR HELP in preparing a traffic control plan, see Temporary Traffic Control Pocket Reference Guide 2007, '	

California Manual on Uniform Traffic Control (MUTCD) 2003, Chapter 6. http://www.dot.ca.gov/hg/traffops/signtech/mutcdsupp/ca\_mutcd.htm

For City website: http://www.oaklandpw.com/Page548.aspx

\* Name the streets that are the boundaries of your work area.

### SPECIAL PROVISION 7-10.1 TRAFFIC REQUIREMENTS

Project Name: \_\_\_\_\_ Project Number: TSD-11-0013 \_\_\_\_ Reviewed By: J.Watson 40, 11/0/ Date: 2/25/2011\_ Permit good from\_\_3/1/2011\_\_\_ to\_\_\_\_3/15/2011\_\_\_

# ADD NEW SUBSECTION TO READ: <u>SP 7-10.1.4 Vehicular Traffic</u>

Attention is directed to Section 7-10. Public Convenience and Safety, of the City of Oakland Standard Specification for Public Works Construction, 2006 Edition (Include this paragraph for p-jobs, excavation permits or obstruction permits).

The Contractor shall conduct its work in such a manner as to provide public convenience and safety and according to the provisions in this subsection. The provisions shall not be modified or altered without written approval from the Engineer.

Standard traffic control devices shall be placed at the construction zone according to the latest edition of the Work Area <u>Traffic Control Handbook</u> or <u>Manual on Uniform Traffic Control Devices (MUTCD)</u>, Chapter 6 – "Traffic Controls for Construction and Maintenance Work Zone," or as directed by the Engineer.

All trenches and excavations in any public street or roadway shall be back filled and opened to traffic, or covered with suitable steel plates securely placed and opened to traffic at all times except during actual construction operations unless otherwise permitted by the Engineer.

Each section of work shall be completed or temporarily paved and open to traffic in not more than 5 days after commencing work unless otherwise permitted in writing by the Engineer.

Where construction encroaches into the sidewalk area, a minimum of 5 ½ feet of unobstructed sidewalk shall be maintained at all times for pedestrian use. Pedestrian barricades, shelter, and detour signs per Caltrans standards may be required.

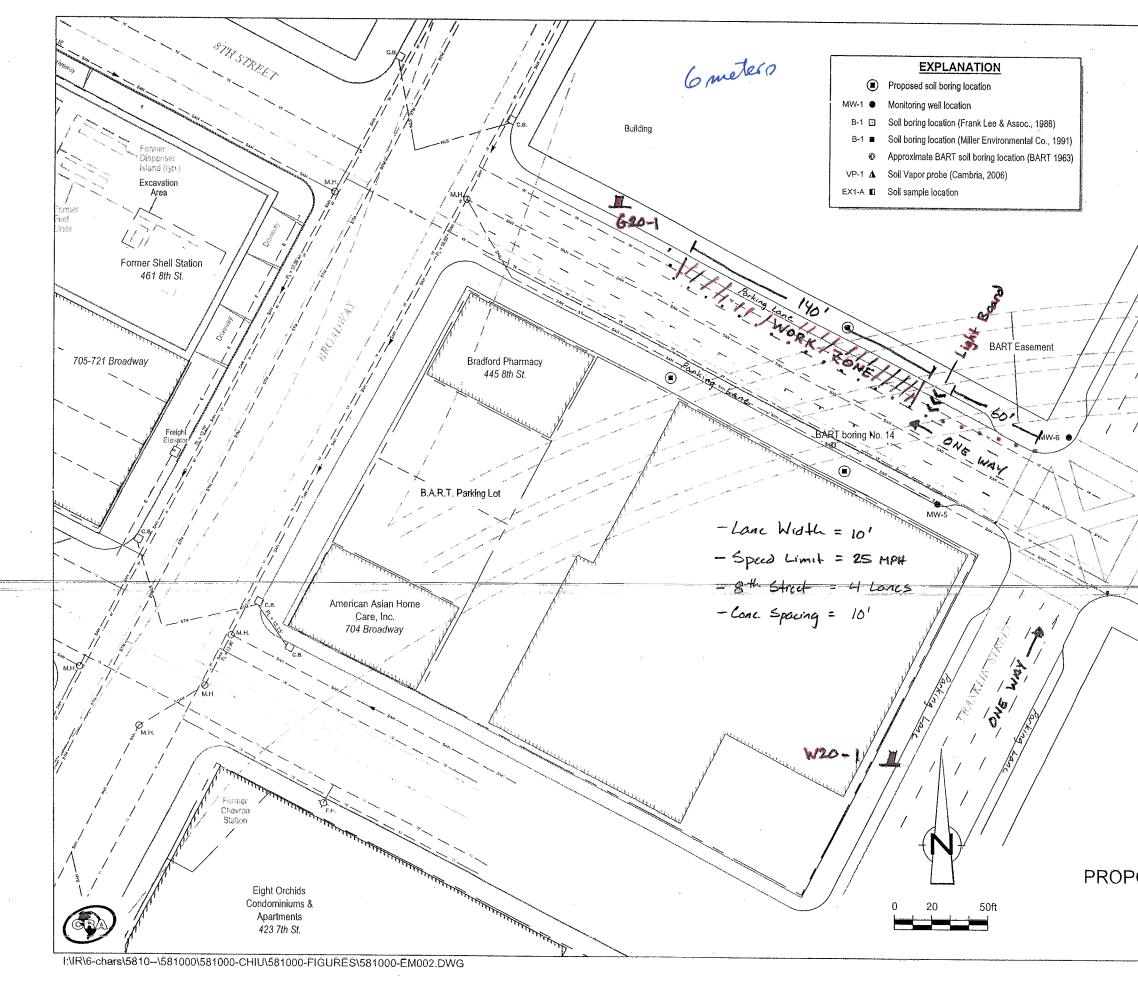
The contractor shall conduct its operation in such a manner as to leave the following traffic lanes unobstructed and in a condition satisfactory for vehicular travel during the Obstruction Period. At all times traffic lanes will be restricted and reopened to travel. Emergency access shall be provided at all times.

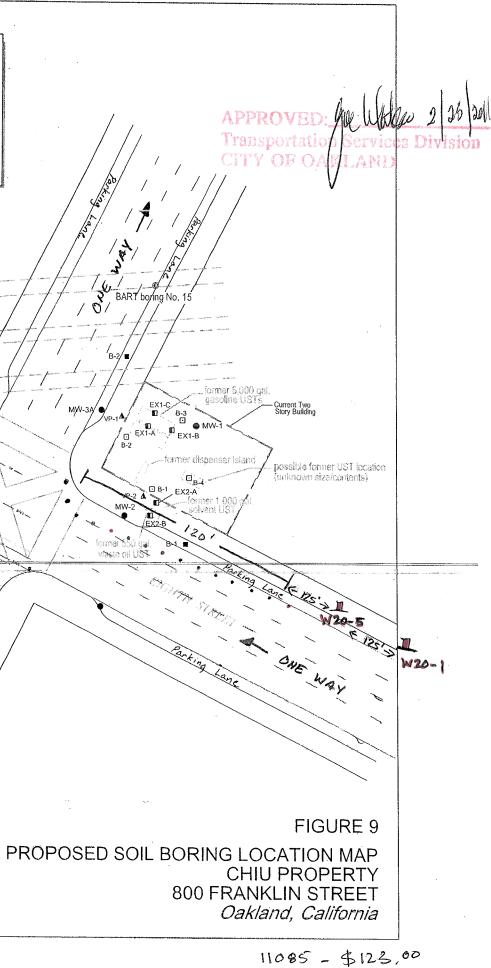
Street Name Limits	Obstruction	North	South	East	West
	Period	Bound	Bound	Bound	Bound
8 <sup>th</sup> Street between Franklin Street and Broadway	Mon. – Fri. 9am – 4pm	N/A	N/A	N/A	3-12' thru lane open minimum

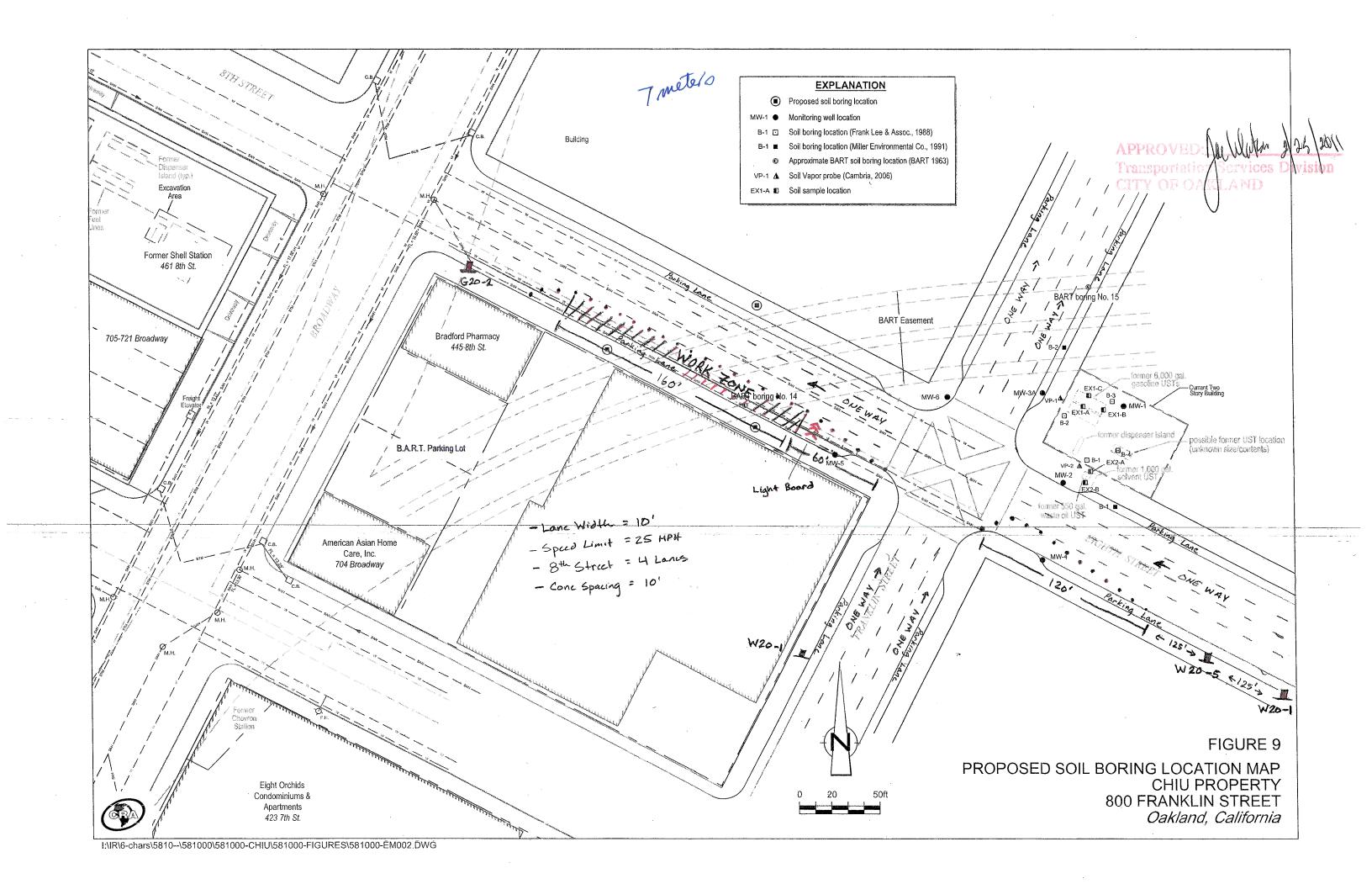
#### The Contractor Shall Also include all check item:

- 1. Design a construction traffic control plan and submit (2) copies to the Engineer for approval prior to starting any work.
- 2. Replace all signs, pavement markings, and traffic detector loops damaged or removed due to construction within 3 days of completion of work or the final pavement lift.
- 3. Provide advance notice to Oakland Police at (510) 777-3333 (24-hrs) and Oakland Fire at (510) 238-3331 (2-rhs) when a single lane of traffic or less is provided on any street.
- 4. X Provide 72-hour advance notice to AC Transit at (510) 891-4750 when affecting a bus stop.
- 5. For Caltrans roadways, ramps, or maintained facilities, the Contractor shall obtain appropriate permits and notify the Traffic Management Center 24 hours in advance of any work.
- 6. Elagger control is required. Certified Flagger is required.
- 7. Pedestrian walkway by K-rail, Canopy or Plywood is required. (See detour plan)
- 8. X Pedestrian traffic shall be maintained and guided through the project at all times.
- 9. Provide advance notice to Business and Residence within 72-hours.
- 10.  $\square$  Allow all traffic movement at intersection.

Nothing specified herein shall prohibit emergency work and/or repair necessary to ensure public health and safety.







PTS112-DSD	APPLICATION DISP	OSITION	5/04/12 15:55: Next Option: 1(
Appl <b>#: <u>X1100238</u></b> Sta Log-to: 05/04/12 Lo Address: 800 FRANK	g-in: In LIN ST S	ed: 02/28/11 Type: dv: Contr Lic#: uite: Parcel: Div: DPW-CONS Dist:	: 1 : 916085 : 001 -0193-015-
Disposition* F FINALE	D		
A -Approved 02/28/	11 Notice Sent:	By: Ex	ktension:
AX-Expired W -Withdrawn	Hold Expired:	Issuance Expired:	Notice:
I -Issued 03/01/	11 Resolution#:		
S -Suspended	City Resp:	Applicant Resp:	
PR-Reinstated	Notice Sent:		
CA-Cancelled	City Resp:	Applicant Resp:	
EX-Expired	Not Started:	Abandoned:	Notice:
DN-Denied F -Finalled 05/04/	12 Certif:		
Comment: REF: ENMI1115	4 .		
Hold Permit Issuance:	Hold Final Inspec	tion: X Hold Certi:	ficate of Occup:

F1=Hlp F3=Ext F5=Chg F7=Fwd F8=Bck F11=Fnd F12=Prv F24=Com 801 RECORD CHANGED

# CITY OF OAKLAND



Public Works Agency • 250 Frank H. Ogawa Plaza • Suite 4344 • Oakland, California 94612-2033 Transportation Services Division

Office (510) 238-3466 FAX (510) 238-7415 TDD (510) 839-6451

# **Traffic Engineering Services Analysis Fee Invoice**

Date:	Apríl 30, 2012	TSD Invoice # :	12-007	<u>'1</u>
То:	Andrew Renshaw			· .
Company:	Conestoga-Rovers & Associates			·
Address:	5900 Hollis St, Ste A, Emeryville, CA 94608			
Phone:	510-420-3368		на страна 1997 г. – Ст	

Created/Received By:

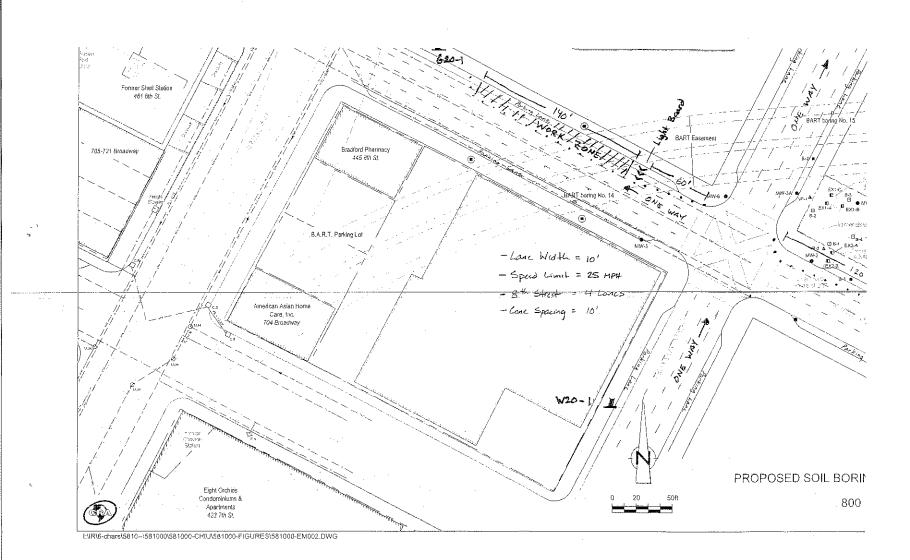
Bert Chang

Location	Description of Work	Project Name / Permit #	# of Hours *
800 Franklin St	Lane Closure		1.5
	······		
· .			
		·····	
	·		
		Total Hours	1.5
		TSD Service Rate	\$ 123.00
		Total Fee	\$ 184.50

\* - minimum 1 hour service

FORCITY	USEONLY
Cost Center No.	W045
Organization No.	30264
Account No.	45119
Fund No.	1750

Cc: Rosalie



### SPECIAL PROVISION 7-10.1 TRAFFIC REQUIREMENTS

Project Name: \_\_\_\_\_ Project Number: TSD-12-0071\_\_\_ Reviewed By: B.Chang\_\_\_\_\_ Date: 4/30/2012\_\_\_\_ Permit good from\_5/11/2012\_\_\_\_ or\_\_\_\_6/15/2012\_\_\_\_

#### ADD NEW SUBSECTION TO READ: SP 7-10.1.4 Vehicular Traffic

Attention is directed to Section 7-10. Public Convenience and Safety, of the City of Oakland Standard Specification for Public Works Construction, 2006 Edition (Include this paragraph for p-jobs, excavation permits or obstruction permits).

The Contractor shall conduct its work in such a manner as to provide public convenience and safety and according to the provisions in this subsection. The provisions shall not be modified or altered without written approval from the Engineer.

Standard traffic control devices shall be placed at the construction zone according to the latest edition of the <u>Work Area</u> <u>Traffic Control Handbook</u> or <u>Manual on Uniform Traffic Control Devices (MUTCD)</u>, <u>Chapter 6</u> – "Traffic Controls for Construction and Maintenance Work Zone," or as directed by the Engineer.

All trenches and excavations in any public street or roadway shall be back filled and opened to traffic, or covered with suitable steel plates securely placed and opened to traffic at all times except during actual construction operations unless otherwise permitted by the Engineer.

Each section of work shall be completed or temporarily paved and open to traffic in not more than 5 days after commencing work unless otherwise permitted in writing by the Engineer.

Where construction encroaches into the sidewalk area, a minimum of 5 ½ feet of unobstructed sidewalk shall be maintained at all times for pedestrian use. Pedestrian barricades, shelter, and detour signs per Caltrans standards may be required.

The contractor shall conduct its operation in such a manner as to leave the following traffic lanes unobstructed and in a ndition satisfactory for vehicular travel during the Obstruction Period. At all times traffic lanes will be restricted and pened to travel. Emergency access shall be provided at all times.

Street Name Limits	Obstruction	North	South	East	West
	Period	Bound	Bound	Bound	Bound
8 <sup>th</sup> St between Broadway and Franklin St	Mon. – Fri. 9am – 4pm	Lane Closure Parking Lane Closure	N/A	N/A	N/A

City of Oakland Obstruction Permit is only valid with Inter-Agency coordination documentation. Construction at or near BART Easement will require documentation and contact information of representative allowing work in area,

#### The Contractor Shall Also include all check item:

- 1. Design a construction traffic control plan and submit (2) copies to the Engineer for approval prior to starting any work.
- 2. Replace all signs, pavement markings, and traffic detector loops damaged or removed due to construction within 3 days of completion of work or the final pavement lift.
- 3. Provide advance notice to Oakland Police at (510) 777-3333 (24-hrs) and Oakland Fire at (510) 238-3331 (2-rhs) when a single lane of traffic or less is provided on any street.
- 4. Provide 72-hour advance notice to AC Transit at (510) 891-4909 when affecting a bus stop.
- 5. Solution For Caltrans roadways, ramps, or maintained facilities, the Contractor shall obtain appropriate permits and notify the Traffic Management Center 24 hours in advance of any work.
- 6. Elagger control is required. Certified Flagger is required.
- 7. Pedestrian walkway by K-rail, Canopy or Plywood is required. (See detour plan)
- 9. X Provide advance notice to Business and Residence within 72-hours.
- 10. Allow all traffic movement at intersection.

Nothing specified herein shall prohibit emergency work and/or repair necessary to ensure public health and safety.

### APPLICATION FOR TRAFFIC CONTROL PLAN



# City of Datkilanad

Public Works Agency Transportation Services Division

Please Read the Following Statements Below:

Transportation Services Fee: \$123/hour (Check or Money Order Only)

, Check the box that apply:

New Application (Utility, Excavation)

Renewal Application

□ New Development w/ Mgmt Plan

□ City of Oakland Project

1. Processing time for a Traffic Control Application is a minimum of 10 business days.

- 2. Traffic Control review is scheduled only on Tuesdays and Thursdays from 8:30am thru 11:30am by appointment only.
- 3. A scheduled **appointment** by phone or email with a TSD staff member is necessary to discuss any and all traffic control application and plans.
- 4. Please call ahead to confirm that the traffic control application is ready for pickup @ 510-238-3467.
- 5. Businesses and residences adjacent to the work area must be provided 72 hour advance notice.
- 6. A completed traffic control application may be faxed to (510) 238-7415.
- 7. Incomplete traffic control applications will not be processed and returned to applicant immediately.
- 8. The initial approval for a traffic control plan is 1 month, the renewal submittal may be approved up to 3 months.
- 9. The traffic control provision dales cannot be changed or extended if work has already commenced.
- 10. After receiving TSD approval of the traffic control application, contractor shall proceed to the Permit Center to "Obstruction obtain an obstruction permit.

Contact Person:	ANDREW REN. CONESTOGA-ROI	SHAW	Phone:	510-420-3368
Name of Company:	CONESTOGA-ROL	IERS & ASSOCI	ATES Fax:	Ha- 420 NA
Address of Company:	5900 HOLLIS	5 ST, SUITE	A, EME	Ry VILLE, CA SYLOS
Secribe type of work to b				TON MORINE WELL
	······································			
Location of work: 30	DO FRANKUN SI	Between' 81H	Anď	9 TH
	/12 Mon-Fri		ours: 8AM	to SPM
Please Follow	these Steps in Ord	der to Comple	te a Traffic C	Control Plan:
A. Drawing Area: Th	e full width of all streets adjacen ock in which your work is located	nt to the site MUST be inc	luded in the drawing.	
B. Include Street Na	mes, Direction of Traffic o	on the Street, and No	orth Arrow	
C. Show Existing Nu	umber of Lanes in all Dire	ctions (with any pavem	ent arrows)	
Lane Closure	that Apply: <u>All checked ite</u> s (must provide detour plan)	erms MUST be shown Use of Median Use Parking Land	Sidewalk	< Closure rovide pedestrian walk way)
	ions of street widths (curb to cu trol Application / Plans m			ea dimension. be accepted or processed.)
F. Show the Name a signs to be used.	nd Locations of all advanced	l warning devices, flagger	s, delineators, warnin	g and construction
'EWAL PROCESS: Resu	bmll a completed Traffic Control Ar	oplication with the old appre	oved plan (with the nece	essary modifications / changes to the plans).
, , _	fic control plan, see Temporary Tra Traffic Control (MUTCD) 2003, Cha		ce Guide 2007, Work A	rea Traffic Control Handbook 2006, or the

http://www.dot.ca.gov/hg/traffops/signtech/mulcdsupp/ca\_mulcd.htm

For Cily websile: http://www.oaklandpw.com/Page548.aspx

\* Name the streets that are the boundaries of your work area.

E401 000 0 ARE EAV (E401 000 0777



# City of Oakland Public Works Agency

www.oaklandpw.com Report a Problem --PWA Call Center: (510) 615-5566 - pwacallcenter@oaklandnet.com

### Application for Traffic Control Plan

To obtain an encroachment, obstruction, or excavation permit, you are REQUIRED to submit a Traffic Control application. See instructions below.

If your project MEETS one or more of the conditions listed below, submit your traffic control application in person or by fax (510-238-7415) to TSD:

Attn: Joe Watson CEDA, Transportation Services Division (TSD) 250 Frank H. Ogawa, Suite 4344 , Oakland , CA 94612

Your project, work site, or limits of work:

1. Is located in a Holiday Restricted Street.

3. Is within a street with commercially zoned land uses.

4. Has a work area of one city block or 300 feet or greater in length, whichever is less, along the street.

5. Provides less than 5 feet 6 inches of unobstructed sidewalk for sidewalk related work.

6. Requires lane closure with a work area of one city block or 300 feet or greater in length, whichever is less, along the street.

7. Requires street closures or traffic detour for all work area sizes. Note that depending on the nature of work and size of work area, proposed work in the parking lane may require full or partial street closure.

8. Requires full or partial closure of one or more signalized intersections (i.e. intersections controlled by a traffic signal, pedestrian signal, or railroad crossing signal) for all work area sizes. Note that this does not apply to intersections controlled by STOP or YIELD signs.

9. Is expected to impact State (Caltrans) right-of-way.

A traffic control plan must be prepared in accordance with the traffic control application instructions and the California Manual on Uniform Traffic Control (MUTCD), 2003 or the latest edition, whichever is the most current. For detail

instructions or preparing a traffic control plan, see traffic control application form and reference documents listed below

o Temporary Traffic Control Pocket Reference Guide, 2007.

o Work Area Traffic Control Handbook, 10th edition, 2006.

o California Manual on Uniform Traffic Control (MUTCD), 2003, Chapter 6.

http://www.aot.ca.gov/hg/traffops/signtech/mutodsupp/ca\_mutod.html

Upon approval of your traffic control application by TSD, you are required to pay a TSD processing fee of (one-hour minimum) to a representative at TSD. The TSD review time is a <u>minimum</u> of 10 business days from the day a complete applications are subject to delays and/or depials. For further information about TSD requirements, contact the TSD front desk at 510-238-3466.

Note that the Permit Center charges a permit fee which is separate from the TSD processing fee described above. To obtain a copy of the reference documents listed above, contact the Permit Center at 510-238-3443 for assistance, or click here for Engineering Permits.

If your project DOES NOT MEET any of the conditions listed above, submit your traffic control application to the Permit. Center for same day approval of a permit.

CEDA, Permit Center

250 Frank H. Ogawa, 2<sup>00</sup> Floor,

Coldonal Chickers

photocopies of applicable typical traffic control plans from any of the three reference documents listed below.

o Temporary Traffic Control Pocket Reference Guide, 2007.

o Work Area Traffic Control Handbook, 10th edition, 2006.

o California Manual or: Uniform Traffic Control (MUTCD), 2003, Chapter 6.

http://www.dot.ca.gov/hq/traffops/signtech/mutodsupp/ca\_mutod.htm

Note that no separate review or approval of the traffic control application by TSD is required. No TSD fee is required.

Upon approval by the Permit Center, you are required to pay a permit fee to a representative at the Permit Center. For further assistance, contact the Permit Center at 510-238-3443.

© City of Oakland Community and Economic Development Agency

APPENDIX D

## WELL CONSTRUCTION DETAILS AND SOIL BORING LOGS



Conestoga Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608 Telephone: 510-420-0700 Fax: 510-420-9170

# **BORING / WELL LOG**

CLIENT NAME	Tommy Chiu	BORING/WELL NAME	MW-7		
JOB/SITE NAME	Chiu Property	DRILLING STARTED	22-May-12		
LOCATION	800 Franklin St, Oakland, CA	DRILLING COMPLETED _	23-May-12		
PROJECT NUMBER	581000	WELL DEVELOPMENT DA	TE (YIELD)	08-Jun-12	
DRILLER	Vapor Tech Services C-57# 916085	GROUND SURFACE ELEV	ATION _	33.75 ft above msl	
DRILLING METHOD	Hollow-stem auger	TOP OF CASING ELEVAT	ION _	33.49 ft above msl	
BORING DIAMETER	8 inches	SCREENED INTERVALS	_	18 to 35 fbg	
LOGGED BY	T. Kirnan	DEPTH TO WATER (First I	Encountered	d) 28.00 fbg (23-May-12)	$\overline{\Delta}$
REVIEWED BY	B. Foss PG #7445	DEPTH TO WATER (Static	;)	22.91 fbg (08-Jun-12)	Ţ

REMARKS

WELL LOG (PID) I:\IR\6-CHARS\5810--\581000\581000~1\58328D-1\612120~1.GPJ DEFAULT.GDT 7\9/12

Utility cleared by air knife assisted vac truck to 8 fbg.

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
				· -			ASPHALT SAND: Light brown; dry; 100 % fine to medium grained sand.	_1.0	
				- 5	SW		@8': <u>SAND with Silt</u> : 10% silt, 90% fine to medium	8.0	Portland Type I/II
				-10			grained sand. <u>Silty SAND</u> : Light brown; dry; 15% silt, 85% fine to medium grained sand.	_10.0	<ul> <li>2" diam., Schedule</li> <li>40 PVC</li> </ul>
				- - - -			<ul> <li>@11': Gray mottling; 20% silt, 80% fine to medium grained sand.</li> <li>@13': Light brown; dry; 5% clay, 15% silt, 80% fine to medium grained sand.</li> </ul>	13.0	
				-15	SM		@16': Light brown; dry; 20% silt, 80% fine to medium grained sand.	16.0	<ul> <li>✓ Bentonite Seal</li> <li>✓ Monterey Sand #2/16</li> </ul>
				-20			@19': 25% silt, 75% fine to medium grained sand.	19.0 20.0	<ul> <li>✓ 2"-diam., 0.010" Slotted Schedule 40 PVC</li> </ul>



Conestoga Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608 Telephone: 510-420-0700 Fax: 510-420-9170

# **BORING / WELL LOG**

CLIENT NAME JOB/SITE NAME LOCATION

WELL LOG (PID) 1:\IR\6-CHARS\5810--\581000\581000~1\58328D~1\612120~1.GPJ DEFAULT.GDT 7/9/12

Tommy Chiu Chiu Property

800 Franklin St, Oakland, CA

BORING/WELL NAME DRILLING STARTED

MW-7 22-May-12

DRILLING COMPLETED 23-May-12

Continued from Previous Page

PID (ppm)	BLOW COUNTS	SAMPLE ID	EXTENT	DEPTH (fbg)	U.S.C.S.	GRAPHIC LOG	LITHOLOGIC DESCRIPTION	CONTACT DEPTH (fbg)	WELL DIAGRAM
			-		SM		<ul> <li>@20': 15% silt, 85% fine to medium grained sand.</li> <li>@22': Gray to light brown, moist, 20% silt, 80% fine to medium grained sand.</li> </ul>	<u>r</u>	
				 25			@24': <u>Silty SAND with Clay</u> : Light brown; moist; 10% clay, 20% silt, 70% fine grained sand, low plasticity. @25.5': <u>Silty SAND</u> : Light brown; moist; 20% silt, 80%	24.0 25.5 26.0 26.5	Monterey Sand #2/16
			-		_ SW.		@28': wet	20.3	<ul> <li>✓ 2"-diam., 0.010" Slotted Schedule 40 PVC</li> </ul>
71017			-	-30	SM		@29': 30% silt, 70% fine to medium grained sand. @30': 15% silt, 85% fine to medium grained sand, few coarse.	30.0	
-1.01.9 251.901							<ul> <li>@32': 20% silt, 80% fine to medium grained sand.</li> <li>@33': <u>Silty SAND with Clay</u>: Moderate brown; moist; 10% clay; 20% silt; 70% fine to medium grained sand.</li> <li><u>Clayey SILT with Sand</u>: Moderate brown; moist; 20% clay, 70% silt, 10% fine grained sand.</li> </ul>	34.0	
>				-35	ML			35.0	Bottom of Boring @ 35 fbg

APPENDIX E

LABORATORY ANALYTICAL REPORTS

McCampbell A		1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269							
Conestoga-Rovers & Associates	Client Project ID: #581000	; Chiu Property	Date Sampled:	03/11/11-03/12/11					
5900 Hollis St, Suite A			Date Received:	03/15/11					
Syde Hollis Br, Buile H	Client Contact: Bryan Fon	g	Date Reported:	03/22/11					
Emeryville, CA 94608	Client P.O.:		Date Completed:	03/18/11					

#### WorkOrder: 1103476

March 22, 2011

Dear Bryan:

Enclosed within are:

- 1) The results of the **3** analyzed samples from your project: **#581000; Chiu Property,**
- 2) A QC report for the above samples,
- 3) A copy of the chain of custody, and
- 4) An invoice for analytical services.

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.

| bsite: <u>www.m</u><br>lephone: (87 | 1534 WI<br>PITTSBU<br>ccampbel<br>7) 252-92   | LLOW PA<br>JRG, CA 9-<br>Il.com En<br>262   | SS RC<br>4565-1<br>nail: r   | 701<br>701<br>nain@<br>Fax  | 10<br>mcc<br>: (92   | 34<br>amp  | bell  
  | 1¢  |  |   |   
   |   |  |   |  |   
   
   | ou   | EDF   |  
   
  | IMI<br>T  | E<br>PD<br>Cho   
   | F   
  | RUS  
  | h<br>SH<br>E2  | 24<br>ccel  |   | ) •   | 48 I<br>Wr   | HR<br>ite  | [<br>72<br>On (]<br>J" fla  | HR 5 DAY  |   
   |
|-------------------------------------|---|---|--|---|--|--
--|---|--|---
---|---|--|---|--
--
---
--|---
--
---|---
--
--
--
---|--|---
---|---|--|--|---|---|---|
| n Fong                              |   | E   | Bill T   | o: 🕻  | RA   |  |   
  |   |  |   |   
   | _   |  |   |  |   
   
   |  | A   | nal  
   
  | ysis  | Rec  
   | lues  
  | t  
  |  | _   |   |   | _  | 0  | ther  | Comments  |   
   |
| 20'-0700<br>00<br>800 Fraz          | aklin S   | F<br>F<br>F, 00   | C-Ma<br>Tax:<br>Projec   | il: B<br>(510<br>et Nai   | me:<br>CA  | Chi  | iu I  
  | Such  | xd   | Y   | _   
   |   | 02 / 8021 + 8015)+MSBE   | 1   | rease (1664 / 5520 E/B&F)  | arbons (418.1)  
   
   | 8021 (HVOCs)   | EPA 602/8021)   | Pesticides)  
   
  | NLY; Aroclors / Congeners   | ticides)   
   | Cl Herbicides)  
  | VOCs) -  
  | SVOCs)   | PAHs / PNAs)  | 200.8 / 6010 / 6020)  | 200.8 / 6010 / 6020)  | 0 / 6020)  | LVED metals analysis   | -   | **Indicate<br>here if these<br>samples are<br>potentially<br>dangerous to<br>handle:      |   
   |
| •                                   | SAM   | PLING   |  | LS  |  | MA   | TRI   
  | x   |  |   |   
   |   | as (6  | 2)  | 180  | ydroc   
   
   | 010 /  | LY (  | 1 (CI  
   
  | B's (   | P Pes  
   | cidic   
  | 260 (  
  | 270 (  | 310 (1  | 0.7 /   | 0.7/  | / 601  | ISSO   |   |   |   
   |
| LOCATION/<br>Field Point<br>Name    | Date  | Time  | # Containers   | Type Containe   | Water  | Soil   | Air   
  | Other   | ICE  | HCL   | HNO <sub>3</sub>  
   | Other   | BTEX & TPH as G  | TPH as Diesel (801)   | Total Petroleum Oi   | Total Petroleum Hy  
   
   | EPA 502.2 / 601 / 8  | MTBE / BTEX ON  | EPA 505/ 608 / 808   
   
  | EPA 608 / 8082 PC   | EPA 507 / 8141 (N  
   | EPA 515 / 8151 (A   
  | EPA 524.2 / 624 / 8  
  | EPA 525.2 / 625 / 8:   | EPA 8270 SIM / 83   | CAM 17 Metals (20   | LUFT 5 Metals (20   | Lead (200.7 / 200.8  | Filter sample for D  |   |   |   
   |
	3-11-11	21:10	3	VAA	X	
  |   | X  | X   |   
   | ,   | X  |   |  |   
   
   |  |   |  
   
  |   |  
   |   
  |  
  |  |   |   |   |  |  |   |   |   
   |
|                                     |   |   |  |   |  | -  | +   
  | -   |  |   |   
   |   | X  |   |  |   
   
   |  |   |  
   
  |   |  
   |   
  |  
  |  |   |   |   |  |  |   |   |   
   |
|                                     |   |   |  |   |  | -  | +   
  | +   | _  |   |   
   |   | X  |   |  |   
   
   |  |   |  
   
  |   |  
   |   
  |  
  |  |   |   |   |  |  |   |   |   
   |
  |   |  |   |   
   |   |  |   |  |   
   
   |  |   |  
   
  |   |  
   |   
  |  
  |  |   |   |   |  |  |   |   |   
   |
|                                     |   |   |  |   |  | _  | -   
  | -   |  |   |   
   | -   | _  |   | _  |   
   
   | -  |   | _  
   
  | _   | _  
   |   
  |  
  |  |   |   |   |  |  |   |   |   
   |
|                                     |   |   | Rece<br>Rece<br>Rece   | ived B  | n imr<br>y:<br>ille<br>y:  | OH   | ite Si  
  | 250 st  | urch   | arge  | and   
   | the o   | ICE<br>GO<br>HE<br>API   | OD C<br>AD S<br>CHLO<br>PROI  | Ubje<br>5.<br>CON<br>PAC<br>ORI<br>PRIA  | et to<br>DITI<br>E AI<br>NAT<br>ATE   
   
   | full I<br>ION_<br>BSEI<br>ED I<br>CON  | NT_<br>NT_<br>TAI   |  
   
  | lity f  |  
   |   
  | suffe  
  | red.   | Tha   | nk y  | ou fo   | r yo   | urun   | dersta  |   |   
   |
|                                     | bsite: <u>www.m</u><br>lephone: (87'<br><u>A Fong</u><br><u>stoga - Re</u><br><u>20'-0700</u><br><u>800 Fra</u><br><u>10CATION/<br/>Field Point</u><br>Name<br>disclose any dar<br>le handling by fely. | 1534 WI<br>PITTSBL<br>bsite: www.mccampbel<br>lephone: (877) 252-92<br>A Fong<br>Stoga - Rovers 4<br>20'-0700<br>800 Franklin S<br>re: Brum A SAM<br>LOCATION/<br>Field Point<br>Name Date<br>3-11-11<br>3-11-11<br>3-12-11<br>disclose any dangerous chole handling by MAI staff.<br>fely.<br>Date:<br>3-12-11<br>Date:<br>3-12-11<br>Date:<br>3-12-11 | 1534 WILLOW PA<br>PITTSBURG, CA 9<br>ebsite: www.mccampbell.com En<br>lephone: (877) 252-9262<br>Page Rovers & Assoc<br>Hadden Rovers & Assoc<br>Hadd | 1534 WILLOW PASS RC<br>PITTSBURG, CA 94565-1<br>Ebsite: www.mccampbell.com Email: r<br>lephone: (877) 252-9262<br>The Fong Bill The<br>Stoga - Rovers & Associated<br>E-Ma<br>20'-0700 Fax: 0<br>00 Franklin St. Ooklad<br>re: Brunc A Franklin<br>SAMPLING<br>LOCATION/<br>Field Point<br>Name Date Time State<br>3-11-11 21:10 3<br>3-11-11 21:10 3<br>3-11-11 22:53 2<br>3-12-11 1:10 3<br>1.11 1:10 1:10 1:10 1:10 1:10 1:10 1:10 | 1534 WILLOW PASS ROAD<br>PITTSBURG, CA 94565-1701<br>Ebsite: www.mccampbell.com Email: main@<br>lephone: (877) 252-9262 Fax<br>M Fong Bill To: C<br>Sloga - Rovers 4 Associates<br>E-Mail: Sc<br>20-0700 Fax: (510<br>Project Nai<br>800 Foaklin St, Oakland,<br>re: Sram a for<br>SAMPLING<br>SAMPLING<br>SAMPLING<br>SAMPLING<br>Sample Date Time States<br>3-11-11 21:10 3 NOA<br>3-11-11 22:53 2 NOA<br>3-12-11 1:10 3 NOA<br>3-12 | IS34 WILLOW PASS ROAD PTTSBURG, CA 94565-1701 [10]<br>PTTSBURG, CA 94565-1701 [10]<br>Ptobite: www.mccampbell.com Email: main@mcc<br>lephone: (877) 252-9262 Fax: (92<br>M Forg Bill To: CRA<br>Stoga - Rovers 4 Associates<br>E-Mail: Bforg<br>20-0700 Fax: (510)<br>00 Project Name:<br>800 Franklin St, Oakland, CA<br>re: Brun & Hun<br>SAMPLING<br>LOCATION/<br>Field Point<br>Name Date Time Store<br>3-11-11 21:10 3 NOA X<br>3-11-11 21:10 3 NOA X<br>3-12-11 1:10 3 NOA X<br>3-12-1 | 1534 WILLOW PASS ROAD 100 34<br>PITTSBURG, CA 94565-1701 100 34<br>Ebsite: www.mccampbell.com Email: main@mccamp<br>lephone: (877) 252-9262 Fax: (925) 2<br>M Fong Bill To: CRA<br>Stoga - Rovers 4 Associates<br>E-Mail: Bfong @<br>Project Name: Chi<br>800 Franklin St., Oakland, CA<br>re: Srum & Hera<br>SAMPLING St.<br>LOCATION/<br>Field Point Date Time St.<br>3-11-11 21:10 3 VOA X<br>3-11-11 22:53 2 VOA X<br>3-12-11 1:10 3 V | IS34 WILLOW PASS ROAD 10347<br>PTTTSBURG, CA 94565-1701 10347<br>PTTTSBURG, CA 94565-1701 10347<br>Fax: (925) 252-9<br>M Fong Bill To: CRA<br>Stoga - Rovers & Associates<br>E-Mail: Brong @ CR<br>Stoga - Rovers & Associates<br>E-Mail: Brong @ CR<br>20-0700 Fax: (510) 420-9<br>So Project Name: Chis 1<br>800 Franklin St., Oakland, CA<br>re: Strum & Hung<br>SAMPLING St. 100 9<br>4. E. MATRI<br>LOCATION/<br>Field Point<br>Name Date Time St. 100 9<br>3-11-11 21:10 3 VOA X<br>3-11-11 22:53 2 VOA X<br>3-12-11 1:10 3 VOA X<br>3-12-11 1:10 3 VOA X<br>4. E. MATRI<br>CA SAMPLING St. 100 9<br>So St. 100 9<br>St. 100 | besite: www.mccampbell.com<br>lephone: (877) 252-9262 Fax: (925) 252-9269 Fax: (926) 264 Fax: | 1534 WILLOW PASS ROAD 10 3476<br>PTTTSBURG, CA 94565-1701 10 3476<br>Participation Email: main@mccampbell.com<br>lephone: (877) 252-9262 Fax: (925) 252-9269<br>M Fong Bill To: CRA<br>Stoga - Rovers 4 Associates<br>E-Mail: Bfong @ CRA work<br>20-0700 Fax: (510) 420-9170<br>Do Project Name: Chiu Propert<br>800 Franklin St. Oakland , CA<br>re: SaMiPLING St. MATRIX PF<br>LOCATION/<br>Field Point Date Time St. MATRIX X X<br>3-11-11 21:10 3 NOA X X X<br>3-11-11 21:10 3 NOA X X X<br>3-12-11 1:10 3 NOA X X X<br>3-12-11 1:10 3 NOA X X X<br>3-12-11 1:10 3 NOA X X<br>3-12-11 1:10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 | IS34 WILLOW PASS ROAD 110 34.76<br>PTTSBURG, CA 94565-1701 110 34.76<br>bisite: <u>www.mccampbell.com</u><br>Emplone: (877) 252-9262 Fax: (925) 252-9269<br>M Forg Bill To: CR4<br>Sloga - Rovers 4 Associates<br>E-Mail: Brong @ CR4 world.c<br>20-0700 Fax: (510) 420-9170<br>So Project Name: Chiu Property<br>800 Franklin St, Oakland, CA<br>re: Bram & Jun<br>100 ± 110 ± 110 3 VoA X X X<br>3-11-11 21:10 3 VoA X X X<br>3-11-11 22:53 2 VoA X X X<br>3-12-11 1:10 3 VoA X X X<br>3-12-11 1:10 3 VoA X X X<br>3-12-11 1:10 3 VoA X X X X X X<br>3-12-11 1:10 3 VoA X X X X X X X X X X X X X X X X X X X | 1534 WILLOW PASS ROAD 103476<br>PTTSBURG, CA 94565-1701 103476<br>lephone: (877) 252-9262 Fax: (925) 252-9269<br>M Forg Bill To: CRA<br>Stoga - Rovers 4 Associates<br>E-Mail: Brong @ CRA world.com<br>Report 4 Associates<br>E-Mail: Brong @ CRA world.com<br>Report 4 Associates<br>Co-0700 Fax: (510) 420-9170<br>Do Project Name: Chiu Report 4<br>Boo Franklin St., Ookland., CA<br>re: Strum & Hieron<br>Name Date Time Strug VA X X X<br>3-11-11 22:53 2 YoA X X X X<br>3-11-11 22:53 2 YoA X X X X<br>3-12-11 1:10 3 YoA X X X X<br>Biclose any dangerous chemicals known to be present in their submitted samples i<br>lockating by MAI staff. Non-disclosure incurs an immediate \$250 surcharge and<br>fely.<br>Date: Time: Received By:<br>3-12-11 1:12 X Received By:<br>3- | $\begin{array}{c c} 154 \text{ WILLOW PASS ROAD 103476}\\ \text{PTTSBURG, CA 94565-1701 103476}\\ \text{PttTSBURG, CA 94565-1701 103476}\\ \text{Isephone: (877) 252-9262 Fax: (925) 252-9269}\\ \hline \\ M Eorg Bill To: CRA 500 C CA world.com 200-0700 Fax: (510) 420-9170 000 Fax: (510) 420 Fax: (510$ | 1534 WILLOW PASS ROAD 10 34-76<br>PITTSBURG, CA 94565-1701 10 20 20 20 20 20 20 20 20 20 20 20 20 20 | 1334 WILLOW PASS ROAD 110 34476     TUR       bill Constraint: main@mccampbell.com       Fax: (925) 252-9269       Constraint: main@mccampbell.com       lephone: (877) 252-9262       Fax: (925) 252-9269       Geol       E-Mail: Drong @ CLA world.com       CLA world.com       E-Mail: Drong @ CLA world.com       Boo Franklin St., Ookland, CA       SAMPLING       Sample Intervention       Sample Intervention | 1334 WILLOW PASS ROAD 10 34776       TURN A       bisite: www.mccampbell.com       Fax: (925) 252-9269       Fax: (925) 252-9269       Control       E-Mail: Bfong @ CLA ward J.com       Bill To: CLA       Stage - Rovers 1 Assoc tates       E-Mail: Bfong @ CLA ward J.com       Bill To: CLA       Stage - Rovers 1 Assoc tates       E-Mail: Bfong @ CLA ward J.com       Boo Fracklin St., Oaklaad, CA       Time SaMPLING       Sample and tate       Sample and tate <td>1534 WILLOW PASS ROAD     D.3.476     TURN AR       child colspan="2"&gt;TURN AR       description of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted based of the submitted samples in concentrations that is the constraint of the submitted based of the submitted samples in concentrations that is the constraint of the submitted based of the submitted samples in concentrations that is the constraint of the submitted based of the submitted samples in concentrations that is the constraint of the submitted based of the submitted samples in concentrations that is the constraint of the submitted based of the submitted based of the constraint of the submitted based of the submitted based</td> <td>ISA4 WILLOW PASS ROAD 110 34760         TURN AROU         Descent and the second point of the second point point point point po</td> <td>ISA4 WILLOW PASS ROAD 110 34776         TURN AROUND         bisit: www.mccampbell.com         transultic, co. 4365-1701 10 34776         Distribution (RT7) 252-9262         Fax: (925) 252-9269         TURN AROUND         GeoTracker EDH         GeoTracker EDH         C.A.         E-Mail: Dfong @ CLA world.com         Project Name: Chi's Prop.44         Boo Franklin St.
Colspan="2"&gt;Colspan="2"         Colspan="2"<td>134 WILLOW PASS ROAD 110 3476         TURN AROUND TO         bosite: www.mccampbell.com         transler.com Email: main@mccampbell.com         GeoTracker EDF         a Fong         Bill To: CR4         A nat         Som Fax: (925) 252-9269         Colspan="2"&gt;TurN AROUND TO         Colspan="2"&gt;GeoTracker EDF         Colspan="2"&gt;Colspan="2"&gt;TurN AROUND TO         Colspan="2"&gt;Colspan="2"&gt;TurN AROUND TO         Colspan="2"&gt;Colspan="2"&gt;Colspan="2"&gt;Colspan="2"&gt;Colspan="2"&gt;Colspan="2"         E-Mail: Schong @ CPA world.com         Som Franklin St. Ooskland , CA         Som Franklin St. Ooskland , CA</td><td>ISAL WILLOW PASS ROAD 1/0 344760         TURN AROUND TIM         boilt: www.mccampbell.com         transle (colspan="2"&gt;Colspan="2"&gt;Colspan="2"&gt;TURN AROUND TIM         Geo Tracker EDF         Colspan="2"&gt;Colspan="2"         Colspan="2"       <td< td=""><td>1534 WILLOW PASS ROAD 110 34-760         TURN AROUND TIME         boilt: www.mccampbell.com         Fas: (925) 252-9269         TURN AROUND TIME         Geo Tracker EDF PD         Characker EDF PD         Characker EDF PD         Characker EDF PD         E-Mail: B-forg @ CLA world.com         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Frankin S+, Coklaad, CA         <td c<="" td=""><td>154 WILLOW PASS ROAD         TURN AROUND TIME         INTENDER (C. 0.94566-1701)         Concerts         Fax: (925) 252-9269         TURN AROUND TIME         Geo Tracker EDF C PDF         Check         Analysis Request         State (510)         Project Name: Chio Propety         Soo Franklin St. Ooklaad. CA         Not the project Name: Chio Propety         Soo Franklin St. Ooklaad. CA         Control (100)         Field Point         Intel Time         Soo Franklin St. Ooklaad. CA         (100)         Soo Franklin St. Ooklaad. CA         (100)         Intel Time         Soo Franklin St. Ooklaad. CA         (100)         Intel View View View View View View View View</td><td>IS34 WILLOW PASS ROAD     ID3 44716       TURN AROUND TIME       RUE       ID3 4 WILLOW PASS ROAD       ID3 WILLOW PASS ROAD       ID3</td><td>154 WILLOW PASS ROAD     10 34476       BUILTON ULLOW PASS ROAD     10 34476       Debite: www.mccampbell.com       Fax: (925) 252-9269       TURN AROUND TIME       BUILTO: CR4       Analysis Request       Stopa: Fax: (925) 252-9269       E-Mail: B-fong @ CL4 world.com       E-Mail: B-fong @ CL4 world.com       E-Mail: B-fong @ CL4 world.com       Or Project Name: Chia Property       BOD Fracklin St., Ookland, CA       E-Mail: B-fong @ CL4 world.com       Corrow R. A True       ON Fong R. Inst. St. 9000000000000000000000000000000000000</td><td>1544     WILLOW PASS ROAD     100     24476       bebite:     www.mccampbell.com     East: (925) 252-9269     TURN AROUND TIME     INSH 24       Geo Tracker EDF     PDF     Excel       Check if sample is     Analysis Request       bioga:     Forg     Project Name:     Chi Property       Bill To:     CA     Mathematic Name     Institution       Bill To:     CA     Analysis Request     Institution       bioga:     Forg     Project Name:     Chi Property     Institution       Bill To:     CA     Mathematic Name     Institution     Institution       Bill To:     CA     Mathematic Name     Institution     Institution     Institution       Bill To:     CA     Mathematic Name     Institution     Institution     Institution     Institution     Institution       Bill To:     CA     Mathematic Name     Institution     Insti</td><td>bills: www.mccampbell.com     Email: main@mccampbell.com       lephone: (877) 252-9262     Fax: (925) 252-9269       TURN AROUND TIME       Corracker EDF PDF Excel       Check if sample is eff       Corracker EDF PDF Excel       Check if sample is eff       Corracker EDF PDF Excel       Check if sample is eff       Corrackin Strange CLA world.com       Project Name: Chio Project Y       Corrackin Strange CLA world.com       With the Project Name: Chio Project Y       Name       Or mail: Shong 40 CLA world.com       Name       Name       Or mail: Shong 40 CLA world.com       SaMtPLING       SamtPLING</td><td>W 34-57-60       beidte: www.mccampbell.com     Email: main@imccampbell.com       lephone: (877) 252-9262     Fax: (925) 252-9269       Check if sample is effluent     Check if sample is effluent       M Fong     Bill To: C.4.       M Fong     Check if sample is effluent       Coroco     Fax: (510)       M Fong     MATRIX       M Fong     MATRIX       M Fong     Sample for the sample is effluent       M Fong     Sample for the sample is effluent       M Fong     Sample for the sample is effluent       Soo Franklin CH, cooklaad, c     A       M Fong     Sample for the sample for the</td><td>1544       WILLOW PASS ROAD 1/0 24-776<br/>RUSH 2411R       RUSH 2411R       481         beide:       www.maccampbell.com       Fas: (925) 252-9269       RUSH 2411R       481         Geo Tracker EDF       PDF       Excel       Wr         M Fong       Bill To:       C.4       Analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         with the image in an analysis Request       Image: Chick if sample is effluent at an analysis Request         with the image in analysis       Image: Chick if sample is effluent at an analysis Request         with the image in analysis       Image: Chick if sample is effluent at an analysis Request         with the image in analysis       Image: Review Bill To: Click if sample is effluent at an analysis Request         1000000000000000000000000000000000000</td><td>1544       WILLOW PASS R0AD 1/10 34-776        
bisite:::::::::::::::::::::::::::::::::::</td><td>1534 WILLOW PASS ROAD 110 34476         Differ www.mccampbell.com         INTERNIE, CA 9486-1781 [10:324-9120         Differ www.mccampbell.com         INTERNIE CA 94818 721         Geo Tracker EDF PDF   Excel   Write On (0)         Check if sample is effluent and "3" flag         Analysis Request         Other sample is effluent and "3" flag         E-Mail: Science (Chi world con         E-Mail: Science (Chi world con         E-Mail: Science (Chi world con         E-Mail: Science (Chi world con      Other sample is effluent and "3" flag         Bit To: CA         Matheway flag         Matheway flag         Bit To: CA         Note of the sample is colspan="2"&gt;Other sample is colspan="2"         </td></td></td></td<></td></td> | 1534 WILLOW PASS ROAD     D.3.476     TURN AR       child colspan="2">TURN AR       description of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted samples in concentrations that is the constraint of the submitted based of the submitted samples in concentrations that is the constraint of the submitted based of the submitted samples in concentrations that is the constraint of the submitted based of the submitted samples in concentrations that is the constraint of the submitted based of the submitted samples in concentrations that is the constraint of the submitted based of the submitted samples in concentrations that is the constraint of the submitted based of the submitted based of the constraint of the submitted based | ISA4 WILLOW PASS ROAD 110 34760         TURN AROU         Descent and the second point of the second point point point point po | ISA4 WILLOW PASS ROAD 110 34776         TURN AROUND         bisit: www.mccampbell.com         transultic, co. 4365-1701 10 34776         Distribution (RT7) 252-9262         Fax: (925) 252-9269         TURN AROUND         GeoTracker EDH         GeoTracker EDH         C.A.         E-Mail: Dfong @ CLA world.com         Project Name: Chi's Prop.44         Boo Franklin St. Colspan="2">Colspan="2"         Colspan="2" <td>134 WILLOW PASS ROAD 110 3476         TURN AROUND TO         bosite: www.mccampbell.com         transler.com Email: main@mccampbell.com         GeoTracker EDF         a Fong         Bill To: CR4         A nat         Som Fax: (925) 252-9269         Colspan="2"&gt;TurN AROUND TO         Colspan="2"&gt;GeoTracker EDF         Colspan="2"&gt;Colspan="2"&gt;TurN AROUND TO         Colspan="2"&gt;Colspan="2"&gt;TurN AROUND TO         Colspan="2"&gt;Colspan="2"&gt;Colspan="2"&gt;Colspan="2"&gt;Colspan="2"&gt;Colspan="2"         E-Mail: Schong @ CPA world.com         Som Franklin St. Ooskland , CA         Som Franklin St. Ooskland , CA</td> <td>ISAL WILLOW PASS ROAD 1/0 344760         TURN AROUND TIM         boilt: www.mccampbell.com         transle (colspan="2"&gt;Colspan="2"&gt;Colspan="2"&gt;TURN AROUND TIM         Geo Tracker EDF         Colspan="2"&gt;Colspan="2"         Colspan="2"       <td< td=""><td>1534 WILLOW PASS ROAD 110 34-760         TURN AROUND TIME         boilt: www.mccampbell.com         Fas: (925) 252-9269         TURN AROUND TIME         Geo Tracker EDF PD         Characker EDF PD         Characker EDF PD         Characker EDF PD         E-Mail: B-forg @ CLA world.com         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Frankin S+, Coklaad, CA         <td c<="" td=""><td>154 WILLOW PASS ROAD         TURN AROUND TIME         INTENDER (C. 0.94566-1701)         Concerts         Fax: (925) 252-9269         TURN AROUND TIME         Geo Tracker EDF C PDF         Check         Analysis Request         State (510)         Project Name: Chio Propety         Soo Franklin St. Ooklaad. CA         Not the project Name: Chio Propety         Soo Franklin St. Ooklaad. CA         Control (100)         Field Point         Intel Time         Soo Franklin St. Ooklaad. CA         (100)         Soo Franklin St. Ooklaad. CA         (100)         Intel Time         Soo Franklin St. Ooklaad. CA         (100)         Intel View View View View View View View View</td><td>IS34 WILLOW PASS ROAD     ID3 44716       TURN AROUND TIME       RUE       ID3 4 WILLOW PASS ROAD       ID3 WILLOW PASS ROAD       ID3</td><td>154 WILLOW PASS ROAD     10 34476       BUILTON ULLOW PASS ROAD     10 34476       Debite: www.mccampbell.com       Fax: (925) 252-9269       TURN AROUND TIME       BUILTO: CR4       Analysis Request       Stopa: Fax: (925) 252-9269       E-Mail: B-fong @ CL4 world.com       E-Mail: B-fong @ CL4 world.com       E-Mail: B-fong @ CL4 world.com       Or Project Name: Chia Property       BOD Fracklin St., Ookland, CA       E-Mail: B-fong @ CL4 world.com       Corrow R. A True       ON Fong R. Inst. St. 9000000000000000000000000000000000000</td><td>1544     WILLOW PASS ROAD     100     24476       bebite:     www.mccampbell.com     East: (925) 252-9269     TURN AROUND TIME     INSH 24       Geo Tracker EDF     PDF     Excel       Check if sample is     Analysis Request       bioga:     Forg     Project Name:     Chi Property       Bill To:     CA     Mathematic Name     Institution       Bill To:     CA     Analysis Request     Institution       bioga:     Forg     Project Name:     Chi Property     Institution       Bill To:     CA     Mathematic Name     Institution     Institution       Bill To:     CA    
Mathematic Name     Institution     Institution     Institution       Bill To:     CA     Mathematic Name     Institution     Institution     Institution     Institution     Institution       Bill To:     CA     Mathematic Name     Institution     Insti</td><td>bills: www.mccampbell.com     Email: main@mccampbell.com       lephone: (877) 252-9262     Fax: (925) 252-9269       TURN AROUND TIME       Corracker EDF PDF Excel       Check if sample is eff       Corracker EDF PDF Excel       Check if sample is eff       Corracker EDF PDF Excel       Check if sample is eff       Corrackin Strange CLA world.com       Project Name: Chio Project Y       Corrackin Strange CLA world.com       With the Project Name: Chio Project Y       Name       Or mail: Shong 40 CLA world.com       Name       Name       Or mail: Shong 40 CLA world.com       SaMtPLING       SamtPLING</td><td>W 34-57-60       beidte: www.mccampbell.com     Email: main@imccampbell.com       lephone: (877) 252-9262     Fax: (925) 252-9269       Check if sample is effluent     Check if sample is effluent       M Fong     Bill To: C.4.       M Fong     Check if sample is effluent       Coroco     Fax: (510)       M Fong     MATRIX       M Fong     MATRIX       M Fong     Sample for the sample is effluent       M Fong     Sample for the sample is effluent       M Fong     Sample for the sample is effluent       Soo Franklin CH, cooklaad, c     A       M Fong     Sample for the sample for the</td><td>1544       WILLOW PASS ROAD 1/0 24-776<br/>RUSH 2411R       RUSH 2411R       481         beide:       www.maccampbell.com       Fas: (925) 252-9269       RUSH 2411R       481         Geo Tracker EDF       PDF       Excel       Wr         M Fong       Bill To:       C.4       Analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         with the image in an analysis Request       Image: Chick if sample is effluent at an analysis Request         with the image in analysis       Image: Chick if sample is effluent at an analysis Request         with the image in analysis       Image: Chick if sample is effluent at an analysis Request         with the image in analysis       Image: Review Bill To: Click if sample is effluent at an analysis Request         1000000000000000000000000000000000000</td><td>1544       WILLOW PASS R0AD 1/10 34-776         bisite:::::::::::::::::::::::::::::::::::</td><td>1534 WILLOW PASS ROAD 110 34476         Differ www.mccampbell.com         INTERNIE, CA 9486-1781 [10:324-9120         Differ www.mccampbell.com         INTERNIE CA 94818 721         Geo Tracker EDF PDF   Excel   Write On (0)         Check if sample is effluent and "3" flag         Analysis Request         Other sample is effluent and "3" flag         E-Mail: Science (Chi world con         E-Mail: Science (Chi world con         E-Mail: Science (Chi world con         E-Mail: Science (Chi world con      Other sample is effluent and "3" flag         Bit To: CA         Matheway flag         Matheway flag         Bit To: CA         Note of the sample is colspan="2"&gt;Other sample is colspan="2"         </td></td></td></td<></td> | 134 WILLOW PASS ROAD 110 3476         TURN AROUND TO         bosite: www.mccampbell.com         transler.com Email: main@mccampbell.com         GeoTracker EDF         a Fong         Bill To: CR4         A nat         Som Fax: (925) 252-9269         Colspan="2">TurN AROUND TO         Colspan="2">GeoTracker EDF         Colspan="2">Colspan="2">TurN AROUND TO         Colspan="2">Colspan="2">TurN AROUND TO         Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2">Colspan="2"         E-Mail: Schong @ CPA world.com         Som Franklin St. Ooskland , CA         Som Franklin St. Ooskland , CA | ISAL WILLOW PASS ROAD 1/0 344760         TURN AROUND TIM         boilt: www.mccampbell.com         transle (colspan="2">Colspan="2">Colspan="2">TURN AROUND TIM         Geo Tracker EDF         Colspan="2">Colspan="2"         Colspan="2" <td< td=""><td>1534 WILLOW PASS ROAD 110 34-760         TURN AROUND TIME         boilt: www.mccampbell.com         Fas: (925) 252-9269         TURN AROUND TIME         Geo Tracker EDF PD         Characker EDF PD         Characker EDF PD         Characker EDF PD         E-Mail: B-forg @ CLA world.com         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Frankin S+, Coklaad, CA         <td c<="" td=""><td>154 WILLOW PASS ROAD         TURN AROUND TIME         INTENDER (C. 0.94566-1701)         Concerts         Fax: (925) 252-9269         TURN AROUND TIME         Geo Tracker EDF C PDF         Check         Analysis Request         State (510)         Project Name: Chio Propety         Soo Franklin St. Ooklaad. CA         Not the project Name: Chio Propety         Soo Franklin St. Ooklaad. CA         Control (100)         Field Point         Intel Time         Soo Franklin St. Ooklaad. CA         (100)         Soo Franklin St. Ooklaad. CA         (100)         Intel Time         Soo Franklin St. Ooklaad. CA         (100)         Intel View View View View View View View View</td><td>IS34 WILLOW PASS ROAD     ID3 44716       TURN AROUND TIME       RUE       ID3 4 WILLOW PASS ROAD       ID3 WILLOW PASS ROAD       ID3</td><td>154 WILLOW PASS ROAD     10 34476       BUILTON ULLOW PASS ROAD     10 34476       Debite: www.mccampbell.com       Fax: (925) 252-9269       TURN AROUND TIME       BUILTO: CR4       Analysis Request       Stopa: Fax: (925) 252-9269       E-Mail: B-fong @ CL4 world.com       E-Mail: B-fong @ CL4 world.com       E-Mail: B-fong @ CL4 world.com       Or Project Name: Chia Property       BOD Fracklin St., Ookland, CA       E-Mail: B-fong @ CL4 world.com       Corrow R. A True       ON Fong R. Inst. St. 9000000000000000000000000000000000000</td><td>1544     WILLOW PASS ROAD     100     24476       bebite:     www.mccampbell.com     East: (925) 252-9269     TURN AROUND TIME     INSH 24       Geo Tracker EDF     PDF     Excel       Check if sample is     Analysis Request       bioga:     Forg     Project Name:     Chi Property       Bill To:     CA     Mathematic Name     Institution       Bill To:     CA     Analysis Request     Institution       bioga:     Forg     Project Name:     Chi Property     Institution       Bill To:     CA     Mathematic Name     Institution     Institution       Bill To:     CA     Mathematic Name     Institution     Institution     Institution       Bill To:     CA     Mathematic Name     Institution     Institution     Institution     Institution     Institution       Bill To:     CA     Mathematic Name     Institution     Insti</td><td>bills: www.mccampbell.com     Email: main@mccampbell.com       lephone: (877) 252-9262     Fax: (925) 252-9269       TURN AROUND TIME       Corracker EDF PDF Excel       Check if sample is eff       Corracker EDF PDF Excel       Check if sample is eff       Corracker EDF PDF Excel       Check if sample is eff       Corrackin Strange CLA world.com       Project Name: Chio Project Y       Corrackin Strange CLA world.com       With the Project Name: Chio Project Y       Name       Or mail: Shong 40 CLA world.com       Name       Name       Or mail: Shong 40 CLA world.com       SaMtPLING       SamtPLING</td><td>W 34-57-60       beidte: www.mccampbell.com     Email: main@imccampbell.com       lephone: (877) 252-9262     Fax: (925) 252-9269       Check if sample is effluent     Check if sample is effluent       M Fong     Bill To: C.4.  
    M Fong     Check if sample is effluent       Coroco     Fax: (510)       M Fong     MATRIX       M Fong     MATRIX       M Fong     Sample for the sample is effluent       M Fong     Sample for the sample is effluent       M Fong     Sample for the sample is effluent       Soo Franklin CH, cooklaad, c     A       M Fong     Sample for the sample for the</td><td>1544       WILLOW PASS ROAD 1/0 24-776<br/>RUSH 2411R       RUSH 2411R       481         beide:       www.maccampbell.com       Fas: (925) 252-9269       RUSH 2411R       481         Geo Tracker EDF       PDF       Excel       Wr         M Fong       Bill To:       C.4       Analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         with the image in an analysis Request       Image: Chick if sample is effluent at an analysis Request         with the image in analysis       Image: Chick if sample is effluent at an analysis Request         with the image in analysis       Image: Chick if sample is effluent at an analysis Request         with the image in analysis       Image: Review Bill To: Click if sample is effluent at an analysis Request         1000000000000000000000000000000000000</td><td>1544       WILLOW PASS R0AD 1/10 34-776         bisite:::::::::::::::::::::::::::::::::::</td><td>1534 WILLOW PASS ROAD 110 34476         Differ www.mccampbell.com         INTERNIE, CA 9486-1781 [10:324-9120         Differ www.mccampbell.com         INTERNIE CA 94818 721         Geo Tracker EDF PDF   Excel   Write On (0)         Check if sample is effluent and "3" flag         Analysis Request         Other sample is effluent and "3" flag         E-Mail: Science (Chi world con         E-Mail: Science (Chi world con         E-Mail: Science (Chi world con         E-Mail: Science (Chi world con      Other sample is effluent and "3" flag         Bit To: CA         Matheway flag         Matheway flag         Bit To: CA         Note of the sample is colspan="2"&gt;Other sample is colspan="2"         </td></td></td></td<> | 1534 WILLOW PASS ROAD 110 34-760         TURN AROUND TIME         boilt: www.mccampbell.com         Fas: (925) 252-9269         TURN AROUND TIME         Geo Tracker EDF PD         Characker EDF PD         Characker EDF PD         Characker EDF PD         E-Mail: B-forg @ CLA world.com         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Franklin S+, Coklaad, CA         Project Name: Chiu Property         Soo Frankin S+, Coklaad, CA <td c<="" td=""><td>154 WILLOW PASS ROAD         TURN AROUND TIME         INTENDER (C. 0.94566-1701)         Concerts         Fax: (925) 252-9269         TURN AROUND TIME         Geo Tracker EDF C PDF         Check         Analysis Request         State (510)         Project Name: Chio Propety         Soo Franklin St. Ooklaad. CA         Not the project Name: Chio Propety         Soo Franklin St. Ooklaad. CA         Control (100)         Field Point         Intel Time         Soo Franklin St. Ooklaad. CA         (100)         Soo Franklin St. Ooklaad. CA         (100)         Intel Time         Soo Franklin St. Ooklaad. CA         (100)         Intel View View View View View View View View</td><td>IS34 WILLOW PASS ROAD     ID3 44716       TURN AROUND TIME       RUE       ID3 4 WILLOW PASS ROAD       ID3 WILLOW PASS ROAD       ID3</td><td>154 WILLOW PASS ROAD     10 34476       BUILTON ULLOW PASS ROAD     10 34476       Debite: www.mccampbell.com       Fax: (925) 252-9269       TURN AROUND TIME       BUILTO: CR4       Analysis Request       Stopa: Fax: (925) 252-9269       E-Mail: B-fong @ CL4 world.com       E-Mail: B-fong @ CL4 world.com       E-Mail: B-fong @ CL4 world.com       Or Project Name: Chia Property       BOD Fracklin St., Ookland, CA       E-Mail: B-fong @ CL4 world.com       Corrow R. A True       ON Fong R. Inst. St. 9000000000000000000000000000000000000</td><td>1544     WILLOW PASS ROAD     100     24476       bebite:     www.mccampbell.com     East: (925) 252-9269     TURN AROUND TIME     INSH 24       Geo Tracker EDF     PDF     Excel       Check if sample is     Analysis Request       bioga:     Forg     Project Name:     Chi Property       Bill To:     CA     Mathematic Name     Institution       Bill To:     CA     Analysis Request     Institution       bioga:     Forg     Project Name:     Chi Property     Institution       Bill To:     CA     Mathematic Name     Institution     Institution       Bill To:     CA     Mathematic Name     Institution     Institution     Institution       Bill To:     CA     Mathematic Name     Institution     Institution     Institution     Institution     Institution       Bill To:     CA     Mathematic Name     Institution     Insti</td><td>bills: www.mccampbell.com     Email: main@mccampbell.com       lephone: (877) 252-9262     Fax: (925) 252-9269       TURN AROUND TIME       Corracker EDF PDF Excel       Check if sample is eff       Corracker EDF PDF Excel       Check if sample is eff       Corracker EDF PDF Excel       Check if sample is eff       Corrackin Strange CLA world.com       Project Name: Chio Project Y       Corrackin Strange CLA world.com       With the Project Name: Chio Project Y       Name       Or mail: Shong 40 CLA world.com       Name       Name       Or mail: Shong 40 CLA world.com       SaMtPLING       SamtPLING</td><td>W 34-57-60       beidte: www.mccampbell.com     Email: main@imccampbell.com       lephone: (877) 252-9262     Fax: (925) 252-9269       Check if sample is effluent     Check if sample is effluent       M Fong     Bill To: C.4.       M Fong     Check if sample is effluent       Coroco     Fax: (510)       M Fong     MATRIX       M Fong     MATRIX       M Fong     Sample for the sample is effluent       M Fong     Sample for the sample is effluent       M Fong     Sample for the sample is effluent       Soo Franklin CH, cooklaad, c     A       M Fong     Sample for the sample for the</td><td>1544       WILLOW PASS ROAD 1/0 24-776<br/>RUSH 2411R       RUSH 2411R       481         beide:       www.maccampbell.com       Fas: (925) 252-9269       RUSH 2411R       481         Geo Tracker EDF       PDF       Excel       Wr         M Fong       Bill To:       C.4       Analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         with the image in an analysis Request       Image: Chick if sample is effluent at an analysis Request         with the image in analysis       Image: Chick if sample is effluent at an analysis Request         with the image in analysis       Image: Chick if sample is effluent at an analysis Request         with the image in analysis       Image: Review Bill To: Click if sample is effluent at an analysis Request         1000000000000000000000000000000000000</td><td>1544       WILLOW PASS R0AD 1/10 34-776         bisite:::::::::::::::::::::::::::::::::::</td><td>1534 WILLOW PASS ROAD 110 34476         Differ www.mccampbell.com         INTERNIE, CA 9486-1781 [10:324-9120         Differ www.mccampbell.com         INTERNIE CA 94818 721         Geo Tracker EDF PDF   Excel   Write On (0)         Check if sample is effluent and "3" flag         Analysis Request         Other sample is effluent and "3" flag         E-Mail: Science (Chi world con         E-Mail: Science (Chi world con         E-Mail: Science (Chi world con         E-Mail: Science (Chi world con      Other sample is effluent and "3" flag         Bit To: CA         Matheway flag         Matheway flag         Bit To: CA         Note of the sample is colspan="2"&gt;Other sample is colspan="2"         </td></td> | <td>154 WILLOW PASS ROAD         TURN AROUND TIME         INTENDER (C. 0.94566-1701)         Concerts         Fax: (925) 252-9269         TURN AROUND TIME         Geo Tracker EDF C PDF         Check         Analysis Request         State (510)         Project Name: Chio Propety         Soo Franklin St. Ooklaad. CA         Not the project Name: Chio Propety         Soo Franklin St. Ooklaad. CA         Control (100)         Field Point         Intel Time         Soo Franklin St. Ooklaad. CA         (100)         Soo Franklin St. Ooklaad. CA         (100)         Intel Time         Soo Franklin St. Ooklaad. CA         (100)         Intel View View View View View View View View</td> <td>IS34 WILLOW PASS ROAD     ID3 44716       TURN AROUND TIME       RUE       ID3 4 WILLOW PASS ROAD       ID3 WILLOW PASS ROAD       ID3</td> <td>154 WILLOW PASS ROAD     10 34476       BUILTON ULLOW PASS ROAD     10 34476       Debite: www.mccampbell.com       Fax: (925) 252-9269       TURN AROUND TIME       BUILTO: CR4      
Analysis Request       Stopa: Fax: (925) 252-9269       E-Mail: B-fong @ CL4 world.com       E-Mail: B-fong @ CL4 world.com       E-Mail: B-fong @ CL4 world.com       Or Project Name: Chia Property       BOD Fracklin St., Ookland, CA       E-Mail: B-fong @ CL4 world.com       Corrow R. A True       ON Fong R. Inst. St. 9000000000000000000000000000000000000</td> <td>1544     WILLOW PASS ROAD     100     24476       bebite:     www.mccampbell.com     East: (925) 252-9269     TURN AROUND TIME     INSH 24       Geo Tracker EDF     PDF     Excel       Check if sample is     Analysis Request       bioga:     Forg     Project Name:     Chi Property       Bill To:     CA     Mathematic Name     Institution       Bill To:     CA     Analysis Request     Institution       bioga:     Forg     Project Name:     Chi Property     Institution       Bill To:     CA     Mathematic Name     Institution     Institution       Bill To:     CA     Mathematic Name     Institution     Institution     Institution       Bill To:     CA     Mathematic Name     Institution     Institution     Institution     Institution     Institution       Bill To:     CA     Mathematic Name     Institution     Insti</td> <td>bills: www.mccampbell.com     Email: main@mccampbell.com       lephone: (877) 252-9262     Fax: (925) 252-9269       TURN AROUND TIME       Corracker EDF PDF Excel       Check if sample is eff       Corracker EDF PDF Excel       Check if sample is eff       Corracker EDF PDF Excel       Check if sample is eff       Corrackin Strange CLA world.com       Project Name: Chio Project Y       Corrackin Strange CLA world.com       With the Project Name: Chio Project Y       Name       Or mail: Shong 40 CLA world.com       Name       Name       Or mail: Shong 40 CLA world.com       SaMtPLING       SamtPLING</td> <td>W 34-57-60       beidte: www.mccampbell.com     Email: main@imccampbell.com       lephone: (877) 252-9262     Fax: (925) 252-9269       Check if sample is effluent     Check if sample is effluent       M Fong     Bill To: C.4.       M Fong     Check if sample is effluent       Coroco     Fax: (510)       M Fong     MATRIX       M Fong     MATRIX       M Fong     Sample for the sample is effluent       M Fong     Sample for the sample is effluent       M Fong     Sample for the sample is effluent       Soo Franklin CH, cooklaad, c     A       M Fong     Sample for the sample for the</td> <td>1544       WILLOW PASS ROAD 1/0 24-776<br/>RUSH 2411R       RUSH 2411R       481         beide:       www.maccampbell.com       Fas: (925) 252-9269       RUSH 2411R       481         Geo Tracker EDF       PDF       Excel       Wr         M Fong       Bill To:       C.4       Analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         with the image in an analysis Request       Image: Chick if sample is effluent at an analysis Request         with the image in analysis       Image: Chick if sample is effluent at an analysis Request         with the image in analysis       Image: Chick if sample is effluent at an analysis Request         with the image in analysis       Image: Review Bill To: Click if sample is effluent at an analysis Request         1000000000000000000000000000000000000</td> <td>1544       WILLOW PASS R0AD 1/10 34-776         bisite:::::::::::::::::::::::::::::::::::</td> <td>1534 WILLOW PASS ROAD 110 34476         Differ www.mccampbell.com         INTERNIE, CA 9486-1781 [10:324-9120         Differ www.mccampbell.com         INTERNIE CA 94818 721         Geo Tracker EDF PDF   Excel   Write On (0)         Check if sample is effluent and "3" flag         Analysis Request         Other sample is effluent and "3" flag         E-Mail: Science (Chi world con         E-Mail: Science (Chi world con         E-Mail: Science (Chi world con         E-Mail: Science (Chi world con      Other sample is effluent and "3" flag         Bit To: CA         Matheway flag         Matheway flag         Bit To: CA         Note of the sample is colspan="2"&gt;Other sample is colspan="2"         </td> | 154 WILLOW PASS ROAD         TURN AROUND TIME         INTENDER (C. 0.94566-1701)         Concerts         Fax: (925) 252-9269         TURN AROUND TIME         Geo Tracker EDF C PDF         Check         Analysis Request         State (510)         Project Name: Chio Propety         Soo Franklin St. Ooklaad. CA         Not the project Name: Chio Propety         Soo Franklin St. Ooklaad. CA         Control (100)         Field Point         Intel Time         Soo Franklin St. Ooklaad. CA         (100)         Soo Franklin St. Ooklaad. CA         (100)         Intel Time         Soo Franklin St. Ooklaad. CA         (100)         Intel View View View View View View View View | IS34 WILLOW PASS ROAD     ID3 44716       TURN AROUND TIME       RUE       ID3 4 WILLOW PASS ROAD       ID3 | 154 WILLOW PASS ROAD     10 34476       BUILTON ULLOW PASS ROAD     10 34476       Debite: www.mccampbell.com       Fax: (925) 252-9269       TURN AROUND TIME       BUILTO: CR4       Analysis Request       Stopa: Fax: (925) 252-9269       E-Mail: B-fong @ CL4 world.com       E-Mail: B-fong @ CL4 world.com       E-Mail: B-fong @ CL4 world.com       Or Project Name: Chia Property       BOD Fracklin St., Ookland, CA       E-Mail: B-fong @ CL4 world.com       Corrow R. A True       ON Fong R. Inst. St. 9000000000000000000000000000000000000 | 1544     WILLOW PASS ROAD     100     24476       bebite:     www.mccampbell.com     East: (925) 252-9269     TURN AROUND TIME     INSH 24       Geo Tracker EDF     PDF     Excel       Check if sample is     Analysis Request       bioga:     Forg     Project Name:     Chi Property       Bill To:     CA     Mathematic Name     Institution       Bill To:     CA     Analysis Request     Institution       bioga:     Forg     Project Name:     Chi Property     Institution       Bill To:     CA     Mathematic Name     Institution     Institution       Bill To:     CA     Mathematic Name     Institution     Institution     Institution       Bill To:     CA     Mathematic Name     Institution     Institution     Institution     Institution     Institution       Bill To:     CA     Mathematic Name     Institution     Insti | bills: www.mccampbell.com     Email: main@mccampbell.com       lephone: (877) 252-9262     Fax: (925) 252-9269       TURN AROUND TIME       Corracker EDF PDF Excel       Check if sample is eff       Corracker EDF PDF Excel       Check if sample is eff       Corracker EDF PDF Excel       Check if sample is eff       Corrackin Strange CLA world.com       Project Name: Chio Project Y       Corrackin Strange CLA world.com       With the Project Name: Chio Project Y       Name       Or mail: Shong 40 CLA world.com       Name       Name       Or mail: Shong 40 CLA world.com       SaMtPLING       SamtPLING | W 34-57-60       beidte: www.mccampbell.com     Email: main@imccampbell.com       lephone: (877) 252-9262     Fax: (925) 252-9269       Check if sample is effluent     Check if sample is effluent       M Fong     Bill To: C.4.       M Fong     Check if sample is effluent       Coroco     Fax: (510)       M Fong     MATRIX       M Fong     MATRIX       M Fong     Sample for the sample is effluent       M Fong     Sample for the sample is effluent       M Fong     Sample for the sample is effluent       Soo Franklin CH, cooklaad, c     A       M Fong     Sample for the | 1544       WILLOW PASS ROAD 1/0 24-776<br>RUSH 2411R       RUSH 2411R       481         beide:       www.maccampbell.com       Fas: (925) 252-9269       RUSH 2411R       481         Geo Tracker EDF       PDF       Excel       Wr         M Fong       Bill To:       C.4       Analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         whoga       Revice 4 Assectate       Image: Chick if sample is effluent at an analysis Request         with the image in an analysis Request       Image: Chick if sample is effluent at an analysis Request         with the image in analysis       Image: Chick if sample is effluent at an analysis Request         with the image in analysis       Image: Chick if sample is effluent at an analysis Request         with the image in analysis       Image: Review Bill To: Click if sample is effluent at an analysis Request         1000000000000000000000000000000000000 | 1544       WILLOW PASS R0AD 1/10 34-776         bisite::::::::::::::::::::::::::::::::::: | 1534 WILLOW PASS ROAD 110 34476         Differ www.mccampbell.com         INTERNIE, CA 9486-1781 [10:324-9120         Differ www.mccampbell.com         INTERNIE CA 94818 721         Geo Tracker EDF PDF   Excel   Write On (0)         Check if sample is effluent and "3" flag         Analysis Request         Other sample is effluent and "3" flag         E-Mail: Science (Chi world con         E-Mail: Science (Chi world con         E-Mail: Science (Chi world con         E-Mail: Science (Chi world con      Other sample is effluent and "3" flag         Bit To: CA         Matheway flag         Matheway flag         Bit To: CA         Note of the sample is colspan="2">Other sample is colspan="2" |

-

/

## McCampbell Analytical, Inc.



1534 Willow Pass Rd Pittsburg, CA 94565-1701

# CHAIN-OF-CUSTODY RECORD

Page 1 of 1

(925) 252-9262			Work	Order:	11034	476	ClientC	Code: CETE				
	WaterTrax WriteOn	EDF	Excel	Ε	Fax	✓	Email	HardCopy	Thire	dParty	☐ J-f	lag
Report to:				Bill to:				Re	quested	TAT:	5 d	lays
Bryan Fong	Email: bfong@crawor	d.com		Aco	counts l	Payable						
Conestoga-Rovers & Associates	CC:			Co	nestoga	a-Rovers	s & Associat			• • •	02/15/2	011
5900 Hollis St, Suite A	PO:			590	00 Holli	s St, Ste	. A	$D_{i}$	ate Recei	ivea:	03/15/2	2011
Emeryville, CA 94608	ProjectNo: #581000; Chiu	Property		Em	eryville	e, CA 946	808	$D_{i}$	ate Print	ed:	03/15/2	2011
(510) 420-3369 FAX (510) 420-9170	)											
				•	•	Reque	ested Tests	(See legend	below)	1		
Lab ID Client ID	Matrix	Collection Date Hold	1	2	3	4	56	7 8	9	10	11	12

	•				_	•	-	-	•	-		 
1103476-001	B-7	Water	3/11/2011 21:10	А	А							
1103476-002	B-8	Water	3/11/2011 22:53	А								
1103476-003	B-9	Water	3/12/2011 13:10	А								

#### Test Legend:

1	G-MBTEX_W	
6		
11		

2	PREDF REPORT
7	
12	

3	
8	

4	
9	

5		
10		

Prepared by:	Maria	Venegas
--------------	-------	---------

#### **Comments:**

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.

"When Ouality Counts"

## Sample Receipt Checklist

Client Name:	Conestoga-Rove	rs & Ass	sociates				Date a	and Tir	me Received:	3/15/2011	3:23:16 PM
Project Name:	#581000; Chiu Pr	operty					Check	klist co	ompleted and r	eviewed by:	Maria Venegas
WorkOrder N°:	1103476	Matrix <u>V</u>	Water				Carrie	er:	Rob Pringle (M	AI Courier)	
			<u>Chain</u>	of Cu	stody (C	:0C) I	nforma	ation			
Chain of custody	present?			Yes	✓	١	No 🗆				
Chain of custody	signed when relinqui	shed and	received?	Yes	✓	١	No 🗆				
Chain of custody	agrees with sample I	abels?		Yes	✓	١	No 🗆				
Sample IDs noted	by Client on COC?			Yes	$\checkmark$	١	No 🗆				
Date and Time of	collection noted by Cli	ent on CO	C?	Yes	✓	١	No 🗆				
Sampler's name r	noted on COC?			Yes	✓	1	No 🗆				
			<u>S</u> ;	ample	Receipt	Infor	mation	<u>1</u>			
Custody seals int	tact on shipping conta	iner/coole	er?	Yes		١	No 🗆			NA 🗹	
Shipping containe	er/cooler in good cond	lition?		Yes	✓	١	No 🗆				
Samples in prope	er containers/bottles?			Yes		١	No 🗆				
Sample containe	rs intact?			Yes	$\checkmark$	١	No 🗆				
Sufficient sample	volume for indicated	test?		Yes		١	No 🗌				
		<u>Sam</u>	nple Presei	vation	and Ho	old Tir	ne (HT	<u>) Info</u>	rmation		
All samples recei	ved within holding tim	e?		Yes		١	No 🗆				
Container/Temp E	Blank temperature			Coole	r Temp:	5.4°(	C			NA 🗆	
Water - VOA vial	ls have zero headspa	ce / no bul	ibbles?	Yes	✓	1	No 🗆	No V	OA vials subm	itted	
Sample labels ch	necked for correct pres	servation?	?	Yes		١	No 🗌				
Metal - pH accept	table upon receipt (pH	l<2)?		Yes		١	No 🗆			NA 🗹	
Samples Receive	ed on Ice?			Yes	✓	١	No 🗆				
			(Ice Type	e: WE	TICE	)					
* NOTE: If the "N	lo" box is checked, se	ee comme	ents below.								

Client contacted:

Date contacted:

Contacted by:

Comments:

٩.	<u>McCampbe</u>	ell Ana en Ouality Co		<u>nc.</u>	Wet	: www.mccamp	ass Road, Pittsburg bell.com E-mail: 77-252-9262 Fa	main@mccamp	bell.com		
Cones	toga-Rovers & Asso	ciates		Project ID:	#581000; Ch	iu	Date Sample	d: 03/11	1/11-03/	12/11	
5900 F	Iollis St, Suite A		Proper	ty			Date Receiv	ed: 03/15	5/11		
57001	ionis bi, buile 11		Client	Contact: Br	yan Fong		Date Extract	ed: 03/17	7/11-03/	'18/11	
Emery	ville, CA 94608		Client l	P.O.:			Date Analyz	ed: 03/17	7/11-03/	18/11	
	Ga	asoline Ra	nge (C6-C12	) Volatile Hy	drocarbons	as Gasoline	e with BTEX a	and MTBE	*		
	on method: SW5030B			1	tical methods:	1			1	k Order:	1
Lab ID	Client ID	Matrix	TPH(g)	MTBE	Benzene	Toluene	Ethylbenzene	Xylenes	DF	% SS	Commen
001A	B-7	W	ND		ND	ND	ND	ND	1	101	b1
002A	B-8	W	ND		ND	ND	ND	ND	1	105	b1
003A	B-9	W	ND		ND	3.0	ND	ND	1	112	b1
		$\left  \right $									<u> </u>
										<u> </u>	<u> </u>
-	ting Limit for DF =1;	W	50	5.0	0.5	0.5	0.5	0.5		μg/I	_
	eans not detected at or re the reporting limit	S	1.0	0.05	0.005	0.005	0.005	0.005		mg/F	

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:

b1) aqueous sample that contains greater than ~1 vol. % sediment



McCampbell Analytical, Inc.

"When Ouality Counts"

### QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water		(	QC Matrix	k: Water			Batch	ID: 56905		WorkC	order 11034	76
EPA Method SW8021B/8015Bm	Extrac	ction SW	5030B					s	Spiked San	nple ID	: 1103468-0	01A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	1
, indigite	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex <sup>f</sup> )	ND	60	100	95	5.16	98.2	93.9	4.48	70 - 130	20	70 - 130	20
MTBE	ND	10	90.3	88.8	1.74	90.2	86.2	4.48	70 - 130	20	70 - 130	20
Benzene	ND	10	106	105	0.756	110	106	3.88	70 - 130	20	70 - 130	20
Toluene	ND	10	107	106	0.611	111	106	4.51	70 - 130	20	70 - 130	20
Ethylbenzene	ND	10	106	105	0.828	111	106	4.69	70 - 130	20	70 - 130	20
Xylenes	ND	30	109	108	0.707	114	108	5.07	70 - 130	20	70 - 130	20
%SS:	104	10	99	101	1.59	105	101	3.58	70 - 130	20	70 - 130	20
All target compounds in the Method B NONE	lank of this	extraction	batch we	re ND les	s than the	method R	L with th	e following o	exceptions:			

#### BATCH 56905 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1103476-001A	03/11/11 9:10 PM	03/18/11	03/18/11 2:52 AM	1103476-002A	03/11/11 10:53 PM	03/17/11	03/17/11 6:58 PM
1103476-003A	03/12/11 1:10 PM	03/17/11	03/17/11 11:43 PM				

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

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

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

£ 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.

A QA/QC Officer

DHS ELAP Certification 1644



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**

Conestoga-Rovers & Associates	Client Project ID: #581000; Chiu	Date Sampled: 06/25/12
5900 Hollis St, Suite A		Date Received: 06/26/12
	Client Contact: Bryan Fong	Date Reported: 06/29/12
Emeryville, CA 94608	Client P.O.:	Date Completed: 06/27/12

#### WorkOrder: 1206760

June 29, 2012

Dear Bryan:

Enclosed within are:

- 1) The results of the 1 analyzed sample from your project: **#581000; Chiu,**
- 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.

	cCAMP	1534 WI PITTSBU	LLOW PA	SS R0 4565-1	701	20	50	01	16	>(	C				ΓU	RN	AR								ł	E			5	1	RI		, XI
Tel	ephone: (87	ccampbel 7) 252-92	ll.com Er 262	nail: 1	nain@ Fax	mcc : (92	amµ (5) 2	obell 252-	.com 9269	9						Tr	ack	er l	EDI			PD Ch	)F	RUS X	Ex	ce	HR E		48 H Wri at an	ite	On	E HF (D) ag i	t 5 DAY ₩) □ s required
Report To: Bry	in Forg		1	Bill T	p: G	neg	to	qa-	Row	er	s¢	A	ssec	a	es		_		A	nal	ysis	Rec	ques	t			_			0	ther	-	Comments
Report To: Boy Company: Core 5905 Fine Tele: 510-47 Project #: Project Location: Sampler Signature	140-92 140115 20-3369 5810 800 Fro 800 Fro 800 Fro	nklin pm Er	8 Hass Steif I Stre Wirden PLING	me	Pak	me: <lor< td=""><td>nd</td><td>AND AND AND AND AND AND AND AND AND AND</td><td>A</td><td>স</td><td>L</td><td>TH</td><td></td><td>Gas (602 / 8021 + 8015) / MTBE</td><td>1 3:15C</td><td>5 8</td><td>Fotal Petroleum Hydrocarbons (418.1)</td><td>EPA 502.27 6017 80107 8021 (HVOCs)</td><td>MTBE / BTEX ONLY (EPA 602 / 8021)</td><td>EPA 505/ 608 / 8081 (CI Pesticides)</td><td>EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners</td><td>NP Pesticides)</td><td>EPA 515 / 8151 (Acidic CI Herbicides)</td><td>8260 (VOCs)</td><td>8270 (SVOCs)</td><td>EPA 8270 SIM / 8310 (PAHs / PNAs)</td><td>CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)</td><td>RCRA 8 Metals (200.7 / 200.8 / 6010 / 6020)</td><td>8 / 6010 / 6020)</td><td>Filter sample for DISSOLVED metals analysis</td><td>NTBE by \$260</td><td></td><td>**Indicate here if these samples are potentially dangerous to handle:</td></lor<>	nd	AND AND AND AND AND AND AND AND AND AND	A	স	L	TH		Gas (602 / 8021 + 8015) / MTBE	1 3:15C	5 8	Fotal Petroleum Hydrocarbons (418.1)	EPA 502.27 6017 80107 8021 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ONLY; Aroclors / Congeners	NP Pesticides)	EPA 515 / 8151 (Acidic CI Herbicides)	8260 (VOCs)	8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	RCRA 8 Metals (200.7 / 200.8 / 6010 / 6020)	8 / 6010 / 6020)	Filter sample for DISSOLVED metals analysis	NTBE by \$260		**Indicate here if these samples are potentially dangerous to handle:
SAMPLE ID	LOCATION/ Field Point Name	Date	Time	# Containers	Type Containers	Water	Soil	Air	Other	TCE	HCI	HND	Other	BTEN & TPH as	TPH as Diesel (8015) WY	Total Petroleum (	Total Petroleum I	EPA 502.27 6017	MTBE/BTEX O	EPA 505/ 608 / 80	EPA 608 / 8082 P0	EPA 507 / 8141 (NP Pesticides)	EPA 515 / 8151 (/	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8	CAM 17 Metals (2	RCRA 8 Metals (2	Lead (200.7 / 200.8 / 6010 / 6020)	Filter sample for I	and MTBE		
MN-7		6/25/12	04:28	42	Bark	X				×	>	1		X	X																X	+	
			100																														
								-		1	_																						
							_		-	+	-	-			-																		
				-			-	_		+	-	-	-			-	-						_				-			_		+	
					-		-			+		-	-		-	-	-						_					-				+	
									-	+	+	-	-			1	-															+	
										t					-	1			3													+	
							1			1																							
**MAI clients MUST of gloved, open air, sampl allowing us to work saf	e handling by l	MAI staff.	Non-disclo	osure i	neurs a	n im	in th medi	ieir s ate S	ubmi 250 s	ttec	l san charg	nple ge an	s in c nd the	e cli	ent is	s subj	that ject to	may full	caus legal	e imi liab	medi ility	ate h for h	arm arm	or se suffe	rious red.	s futo Tha	ink y	ou fe	or yo	ur u	nderst	t as and	a result of brief, ing and for
Relinquished D:	5	Date:	Time: 1210 .	Rec	rived B	El.	11	ic		1	2-	-	6	G		CO				/	/	-						CON	IME	NTS	:		
Relinquished Ba		Date:	Time:	Rece	rived B					-				DI	ECH	SPA LOR OPRI	INA' IATE	CO	IN L.		RS_	/											
Relinquished By:		Date:	Time:	Reco	ived B	y:										ERVI		VC	B	08		ME pH<		s	отн	ER							

#### McCampbell Analytical, Inc. 1534 Willow Pass Rd Pittsburg, CA 94565-1701



Page 1 of 1

(925) 252-9262				WorkOr	der: 1206760	Clie	ntCode: CETH	E	
	WaterTrax	x UvriteOn	✓ EDF	Excel	EQuIS	🖌 Email	HardCopy		J-flag
Report to:				Bill	I to:		Re	quested TAT:	5 days
Bryan Fong	Email:	bfong@craworld.	com		Accounts Pay	able			
Conestoga-Rovers & Associates	cc:	tkirnan@craworld	d.com		Conestoga-Ro	overs & Assoc	iates		
5900 Hollis St, Suite A	PO:				5900 Hollis St	t, Ste. A	De	tte Received:	06/26/2012
Emeryville, CA 94608	ProjectNo:	#581000; Chiu			Emeryville, C	A 94608	De	te Printed:	06/26/2012
(510) 420-3369 FAX: (510) 420-9170									

								Red	quested	l Tests	(See leg	end bel	ow)			
Lab ID	Client ID	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1206760-001	MW-7	Water	6/25/2012 4:28		A	A	В									

#### Test Legend:

1	G-MBTEX_W
6	
11	

2	PREDF REPORT	
7		
12		

3	TPH(D)WSG_W
8	

	4	
_	•	
	9	

5	
10	

Prepared by: Maria Venegas

#### **Comments:**

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.



### Sample Receipt Checklist

Client Name:	Conestoga-Rovers &	& Associates			Dat	e and <sup>-</sup>	Time Received:	6/26/2012 12:16:48 PM				
Project Name:	#581000; Chiu				Log	In Rev	iewed by:		Maria Venegas			
WorkOrder N°:	1206760	Matrix: <u>Water</u>			Car	rier:	Client Drop-In					
	Chain of Custody (COC) Information											
Chain of custody	present?		Yes	✓	No	]						
Chain of custody	signed when relinquis	hed and received?	Yes	✓	No	]						
Chain of custody	agrees with sample la	ibels?	Yes	✓	No	]						
Sample IDs note	Yes	✓	No	]								
Date and Time o	Yes	✓	No	]								
Sampler's name noted on COC?				✓	No	]						
Sample Receipt Information												
Custody seals in	tact on shipping contai	ner/cooler?	Yes		No	]		NA 🔽				
Shipping container/cooler in good condition?				✓	No	]						
Samples in proper containers/bottles?			Yes	✓	No	]						
Sample containe	ers intact?		Yes	✓	No	]						
Sufficient sample	e volume for indicated	test?	Yes	✓	No	]						
		Sample Pres	ervatio	<u>n and Ho</u>	old Time (H	IT) Info	ormation					
All samples rece	ived within holding time	e?	Yes	✓	No	]						
Container/Temp	Blank temperature		Coole	er Temp:	1.3°C			NA				
Water - VOA vial	ls have zero headspac	e / no bubbles?	Yes	✓	No	No	VOA vials submi	tted 🗌				
Sample labels ch	necked for correct pres	ervation?	Yes	✓	No	]						
Metal - pH accep	otable upon receipt (pH	l<2)?	Yes		No	]		NA 🗹				
Samples Receive	ed on Ice?		Yes	✓	No	]						
		(Ісе Тур	e: WE	TICE )	)							
* NOTE: If the "N	lo" box is checked, see	e comments below.										

Comments:

\_\_\_\_\_

\_\_\_\_\_

Conestoga-Rovers & Associates       Client Project ID: #581000; Chiu       Date Sampled: 06/25/12         5900 Hollis St, Suite A       Date Received: 06/26/12												
Date Received: 06/26/12												
Client Contact: Bryan Fong Date Extracted: 06/27/12	Date Extracted: 06/27/12											
Emeryville, CA 94608Client P.O.:Date Analyzed: 06/27/12												
Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE*         Extraction method:       \$W5030B       Analytical methods:       \$W8021B/8015Bm       Work Order:       1206760												
Lab ID         Client ID         Matrix         TPH(g)         MTBE         Benzene         Toluene         Ethylbenzene         Xylenes         DF         %	6 SS	Comments										
001A MW-7 W ND ND ND ND ND ND 1 9	95											

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	μg/L
	S	1.0	0.05	0.005	0.005	0.005	0.005	mg/Kg

\* water and vapor samples are reported in ug/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:

	Campbell Anal	<u>C.</u>	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									
Conestoga-R	overs & Associates	Client Project	t ID:	#581000; Chiu	Date Sam	06/25/	12					
5900 Hollis S	St. Suite A				Date Rec	eived:	06/26/	12				
5700 1101115	st, Suite II	Client Contac	ct: Bry	yan Fong	Date Extr	acted	06/26/1	12				
Emeryville, C	CA 94608	Client P.O.:			Date Ana	lyzed	06/26/2	12				
Extraction method:	Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*         Extraction method:       SW3510C/3630C       Analytical methods:       SW8015B       Work Order:       1206760											
Lab ID	Client ID	Matrix		TPH-Diesel (C10-C23)		DF	% SS	Comments				
1206760-001B	MW-7	W		ND		1	86					
-												

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

\* water samples are reported in  $\mu$ g/L, wipe samples in  $\mu$ g/wipe, soil/solid/sludge samples in mg/kg, product/oil/non-aqueous liquid samples in mg/L, and all DISTLC / STLC / STLC / TCLP extracts are reported in  $\mu$ g/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/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:

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager



### QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water	QC Matrix: Water				BatchID	WorkOrder: 1206760			
EPA Method: SW8021B/8015Bm Extraction: S						Spiked Sam	ple ID:	1206760-001A	
Analyte	Sample	Spiked	MS MSI		MS-MSD	LCS	Acceptance Criteria (%)		
	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
TPH(btex) <sup>£</sup>	ND	60	98.5	94.7	3.89	88.4	70 - 130	20	70 - 130
MTBE	ND	10	80.5	92.5	13.2	98	70 - 130	20	70 - 130
Benzene	ND	10	81.7	88.8	8.43	90.6	70 - 130	20	70 - 130
Toluene	ND	10	82.6	90.6	9.26	90.4	70 - 130	20	70 - 130
Ethylbenzene	ND	10	81.7	89.9	9.61	91.6	70 - 130	20	70 - 130
Xylenes	ND	30	82.8	92.3	10.7	93.3	70 - 130	20	70 - 130
%SS:	95	10	97	92	4.89	92	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 68657 SUMMARY									
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed		
1206760-001A	06/25/12 4:28 AM	06/27/12	06/27/12 4:35 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.

 $\pounds$  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.



QA/QC Officer



#### **QC SUMMARY REPORT FOR SW8015B**

piked	MS	MSD	MS-MSD		Spiked Sam	•	N/A Criteria (%)
	MS	MSD	MS-MSD	LCS	Acce	eptance	Criteria (%)
						•	
рg/с /	% Rec.	% Rec.	% RPD	% Rec.	MS / MSD	RPD	LCS
1000	N/A	N/A	N/A	107	N/A	N/A	70 - 130
625	N/A	N/A	N/A	88	N/A	N/A	70 - 130
6	525	525 N/A	525 N/A N/A	525 N/A N/A N/A	525 N/A N/A N/A 88		525 N/A N/A N/A 88 N/A N/A

#### BATCH 68621 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1206760-001B	06/25/12 4:28 AM	06/26/12	06/26/12 6:40 PM				

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

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

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

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.

DHS ELAP Certification 1644

# K\_\_\_\_\_QA/QC Officer

APPENDIX F

## WELL DEVELOPMENT AND MONITORING FIELD DATA

Va	Vapor Tech Services				Well Development Data Sheet						
Project Name:	Chiu Pro	perty									
Site Address:	800 Fran	klin St., Oak		Date:	6/8/2012	1	Technician(s):	Gł	R/EZ (JM)		
Project No.:	Project No.: 581000				Weather: Sunny						
Monitoring Well I	D:	MW	-7								
Casing Diameter:	<b>√</b> 2"	4" 6"	Other			Casing Mate	erial:	SCH 40-PVC	Other: S.	Steel	
Total Casing Depth (ft-TOC): 34.89					Floating Immiscible Layer Observed?: No						
Depth to Water (ft-TOC):			22.91		Floatin	g Immiscible	N/A				
Water Column Height (feet): 11.98				Sheen	Observed?				No		
(1) Casing Volume (gallons) 1.92				Casing Volumes Notes:							
(10) Casing Volum	nes (gallor	ns)	19.17		2-Inch Dia: 0.16 gallons per ft (Water Column Height (ft) X 0.16)						
					4-Inch	Dia: 0.65 gall	ons pe	er ft (Water Colun	nn Height (ft)	) X 0.65)	
Surge & Bail Meth	hod/Equip	ment:	Check valve	surge bloc	k on stee	l development	pipe/n	nechanical crane	,		
Purging Method/E	quipment:		Check valve	/tubing foll	lowed by	electric subme	ersible	ритр		_	
Temp./pH/Conduc	ctivity/Turb	oidity Meter:	_	YSI 556 MI	PS Multim	neter / Lamotte	e 2020	Turbidity Meter			
Calibration Notes:	<u>C</u>	alibrated by	Equipco on (	5/4/12 - sec	ure stora	ge until MW-7	' devel	opment on 6/8/12	2	_	
Oil/Water Interfac	e Probe:		Solinst Wate	er Level Me	ter						
Groundwater Data	: See Page	2									

	Vapor ⊺	Fech Ser	vices		Well Development Data Sheet					
Project N	ame: <u>Chiu P</u>	roperty								
Site Address: 800 Franklin St., Oakland, CA					Date: <u>6/8/2</u>	2 <i>012</i> T	GR/EZ (JM)			
Project No.: 581000			Weather:	Sunny						
Monitoria	Monitoring Well ID: MW-7									
Casing Diameter: 🗹 2" 🗌 4" 🗌 6" 🗌 Other			-	Casi	ng Material:	SCH 40-PVC Other	r: S. Steel			
	Purge Volumes			Groundw	ater Paramete	rs				
TIME	Purge Vol.(Gal)	Totalizer Reading (Gal)	TEMP. (°C)	рН	COND. (µS/cm)	Turbidity (NTU)	Comments:			
9:45							Begin Surge			
10:10							End Surge			
10:15							Begin Purge Using Check Valve/Tubing			
10:50	13	13					Finish Purging With the Check Valve/Tubing			
10:59	2	15	22.5	7.02	15	over range	Begin Purging Using the Submersible Pump			
11:03	2	17	20.9	7.11	10	over range	D.O.: 134.7 %	ORP: 91.8		
11:06	2	19	21.6	6.62	10	1053	D.O.: 129.9 %	ORP: 78.6		
11:09	2	21	21.5	6.97	9	619	D.O.: 129.2 %	ORP: 91.7		
11:11	2	23	21.1	6.55	7	730	D.O.: 1136.8 %	ORP: 91.7		
11:13	2	25	20.4	6.73	6	997	D.O.: 112.3 %	ORP: 75.8		
11:21	2	27	20.8	6.84	5	182	D.O.: 126.4 % ORP: 75.9			
11:23	2	29	20.7	7.08	4	885	D.O.: 124.1 % ORP: 81.1			
11:25	2	31	20.3	7.14	3	763	D.O.: 134.1 %	ORP: 83.0		
11:28	2	33	20.5	7.05	6	733	D.O.: 135.6 %	ORP: 81.3		
11:35	4	37	21.4	7.12	3	over range	D.O.: 138.9 %	ORP: 118.6		
11:39	4	41	20.5	7.24	8	643	D.O.: 140.5 %	ORP: 80.4		
11:43	4	45	21.3	7.07	7	745	D.O.: 141.1 %	ORP: 112.5		
11:47	4	49	21.8	7.22	3	444	D.O.: 111.6 %	ORP: 91.4		
11:49	2	51				302				
11:52	2	53	21.9	7.12	3	122	D.O.: 126.2 %	ORP: 98.2		
11:53	2	55				49.3				
11:55	2	57	20.4	7.13	3	42.8	D.O.: 132.4 %	ORP: 83.6		
11:56	2	59				12.8				
11:58	2	61	20.9	7.13	2	15	D.O.: 123.8 %	ORP: 105.3		
Total Volume Purged (gallons):6				61		Time Finishe	ed Purging:	11:58		



1

# WELL GAUGING SHEET

Client:	Conestoga-	Rovers and A	ssociates			
Site	800 Frankli					
Date:	6/25/2012			Signature:	ļ	<u>ll</u>
Well ID	Time	Depth to SPH	Depth to Water	SPH Thickness	Depth to Bottom	Comments
MH-7	04:05		22.98		35.50	



### MUSKAN ENVIRONMENTAL SAMPLING

# MICRO PURGE WELL SAMPLING FORM

Date:		6/25/2012								
Client: Conestoga-Rovers and Associates										
Site Addre	ess:	800 Frankli	n Street, Oal	kland, CA						
									Well ID:	MW-7
								Well	Diameter:	2"
								Purgi	ng Device:	Peristaltic Pump
	Peristaltic Pump									
	35.50									
	22.98									
Water level at the start of purge from top of casing: Approximate depth of water intake on pump from top of casing:										
										30.0
TIME:	Purged Rate (ml/min)	TEMP (Celsius)	pH	COND. (µS/cm)	ORP (mV)	DO (mg/L)	Drawdow n Water Level (ft)	Turbidity (NTU)	Comment	S
04:09	100						22.98			-
04:12	100	203	7.05	612	18	1.10	22.94	25		
04:15	100	19.7	7.05	609	26	0.97	23.02			
04:18	100	19.5	7.06	609	31	0.80	23.03	1		
04:21	100	19.2	7.06	609	37	0.79	1			
04:24	100	19.2	7.06	607	39	0.77				
04:27	100	19.1	7.06	607	39	0.16	23.05	25		
									total purge	
Sample ID:	Date:		Time	Container Type		Preservative		Analytes		
MW-7	1 6125/12		04:28	40 mL VOA, 1L Amber Glass		]		TPHd, TPHg, BTEX, MTBE	8015, 8020, 8260	
							Signature		B	

APPENDIX G

WELL SURVEY DATA

#### Virgil Chavez Land Surveying

721 Tuolumne Street Vallejo, California 94590 (707) 553-2476 • Fax (707) 553-8698

July 3, 2012 Project No.: 2640-28

Tarah Kirnan Conestoga-Rovers & Associates 5900 Hollis Street, Suite A Emeryville, CA 94608

Subject: Monitoring Well Survey Chiu Property 800 Franklin Street Oakland, Ca.

Dear Tarah:

This is to confirm that we have proceeded at your request to survey the new well at the above referenced location. The survey was completed on June 8, 2012. The benchmark for this survey was a City of Oakland benchmark, a brass pin in the crosswalk on  $8^{th}$  Street on the west side of Broadway. The latitude, longitude and coordinates are for top of casings and are based on the California State Coordinate System, Zone III (NAD83). Benchmark Elevation = 33.84 feet (NGVD 29)

Latitude	Longitude	Northing	Easting	Elev.	Desc.
37.8000009	-122.2731215	2118613.33	6049399.70		RIM MW-7 TOC MW-7



Sincerely,

Virgil D. Ćhavez, PLS 6323

APPENDIX H

WASTE DISPOSAL DOCUMENTATION

**One Team Waste Services** 

5900 Hollis Street, Suite A Emeryville, California 94608 Telephone: (510) 420-0700 Fax:(510) 420-9170 www.CRAworld.com

ISO 9001

### **PROJECT SUMMARY**

				· .
То:	Calvin Hee, Bryan	Fong	Ref. No:	581000
CLIENT NAME:	Chiu		CLIENT PM:	
FROM:	Cortlandt Toczylov	vski	DATE:	4/18/2011
SUPPLIER PM	Calvin Hee, Bryan	Fong	SUPPLIER COMPANY:	CRA
<b>Re:</b> Disposal c on 3/12/11.	of 1 drum of Non-haz	z water on 3/4/11,	and disposal of 1 drum of	f soil and 1 drum of water
GENERATOR/	SITE INFORMATIO	ON		
Facility Name:	Chiu - Oakland			
Location: 800 Fi	ranklin Street, Oaklar	nd, CA		
SHIPPING INF	ORMATION			
Disposal Vendo	r: Crosby and Over Soil Safe	ton, Inc.	Transportation Vendor:	American Integrated Services., Inc
Manifest No	p: 215082, 36989, 21	5081	Ship Date:	3/4/11 and 3/12/11
	CILITY INFORMAT		ong Beach, CA 90813 (wate	<b>ar</b> )
	fe, 12328 Hibiscus Ro			
		a., Adelanto, CA 9.	2001	
	3/31/11; 4/1/11			· · · · · · · · · · · · · · · · · · ·
	M INFORMATION	· .		
Waste stream N				
Non Hazard	lous Water		Approval: 27578	
Non Hazard	lous Soil		Approval: 7704908	
ATTACHMEN	TS			
Waste Manifest	/ Bill of Lading	$\boxtimes$	Vendor Profile Reque	est 🗌 🧳
Analytical Data	• •	$\boxtimes$	Vendor Profile Appr	oval
Continuation W	aste Manifest Sheet/		Other:	

EQUAL EMPLOYMENT OPPORTUNITY EMPLOYER

ł	I-HAZARDOUS STE MANIFEST	1. Generalor ID Number	e ve von i la de son variante de		1	1	1.81.342.9	se Phone 423-6(16)(2)	1		2150	)82	
5. Genera	ator's Name and Mailir	ig Address			-1	Generator	's Sile Addre	ss (if dillerent lha	n mailing addre	ss)			
9	900 Holles Sti	nes, Scile A			~		NN Fra						
Generato	or's Phone	Errenyville	, CA 94608		ļ	(	Oskand	, CA 9460	2ª March				
	oorler 1 Company Nam		lear.						U.S. EPA 1D		n a condition of		
1	orter 2 Company Nam	grated Services	, 時候に		·····				(10 50) 10		CARMO14	18:33	
7. nanspi	oner z Gonpany Nam	e							U.S. EPA ID	NUMDer			
8. Design	nated Facility Name an Storsby 24 Own	d Site Address							LU.S. EPA ID	Number			•
1	2.03507 51 046 (630 W. 169h									ŝ	CADADAAA	0040	
Facility's			ch, C.A. 9081:	3 992-	432-8448				1		CURUER INGERING & CURUER	(31,3 × 4,3	
							10. Co	ntainers	1 11. Tolal	12. Unit		<del>.</del>	
		n (including Proper Shippi	ing Name)				No.	Туре	Quantity	Wt./Vol.	1 11 12 12 12 12 12 12 12 12 12 12 12 12		
1.		un dens en 18 hormeler 1	an sé al				<b>1</b>	11					
2	THEN FILLE	nims Waste L	ajasma			ĺ	g 1994	i swa	S	6			
2	2.												
3	3.	<u></u>	· · · · · · · · · · · · · · · · · · ·		· · ·								28 70
				$\mathcal{G}$									
	4.			· · · · ·									
4	4.					1							
										4			
ويني وي	West protecti approximate.	ons and Additional Informa เหลือสนุณ์การครสิง 24 โบอนท อราจอาญ	tile handling.				<u></u>	Profile	\$: 275	78			
ويني وي	Weas protecti	re equipment n	tile handling.				整	Profile Profect		78 06-2-2:	ل ۱	<u>і</u> (., .' Том	
۲ ۲ 14. GEł	Wear protecti approximate. Dispetcher). ENERATOR'S CERTIFI	ve aquipment w 24 hour envery CATION: I certily the mate	hile handling. ency maniher	(889) 42	3-RNRO (/ est are not subje	415 ect to leder		Project	\$:    710	08-2-25	Vasle.	)v M	
14. GEł Genera	Wear protecti approximate. (Nepsiciver). :NERATOR'S CERTIFI ator's/Olleror's Printed/	ve aquipryert w 24 hour envery CATION: I certily the mate Typed Name	hile handling, enuy namikar rials described above	(888) 42	3-RNRO (/ est are not subje	ect to leder Signature	al regulations	Project	\$:    710	08-2-25	Naste. Monti	() Эром — Day	
14. GEł General J. J. J. Inté	Wear protecti approximate. (Nepsiciver). :NERATOR'S CERTIFI ator's/Olleror's Printed/	ve aquipryert w 24 hour envery CATION: I certily the mate Typed Name	hile handling, enuy namikar rials described above	(888) 42	3-EREAD (/	ect to federa Signature	al regulations	Project	\$:    710	08-2-25	Vasle.	() Эром — Day	
14. GEH Genera 15. Inté Transpo	Weas protects approximate. Exeption of the second Interaction of the s	CATION: I certily the mate Typed Name	hile handling, ency namber nials described above	(888) 42	3-RNRO (/ est are not subje	ect to federa Signature	al regulations	Project	\$:    710	08-2-25	Naste. Monti	() Эром — Day	
14. GEt Genera J 15. Inté Transpo	Weas protects approximate. Exeption of the second Interaction of the s	CATION: I certily the mate Typed Name	hile handling, ency namber nials described above	(888) 42	3-6060 (/	ect to federa Signature Im U.S.	al regulations	Frageci for reporting prop (	\$:    710	08-2-25	Waste. Monti	( Дау 	11
14. GEt Genera J 15. Inté Transpo	Weas protects approximate. Exeption of the second Interaction of the s	CATION: I certily the mate Typed Name	hile handling, ency namber nials described above	(888) 42	3-6060 (/	ect to federa Signature	al regulations	Frageci for reporting prop (	\$:    710	08-2-25	Naste. Monti	(ч) Эрли Day	Ye
14. GEt Genera J 15. Inté Transpo	Weas protects approximate. Exeption of the second Interaction of the s	CATION: I certily the mate CATION: I certily the mate Typed Name Insport to U.S ports only): ment of Receipt of Materia Vame Signal C.C.	hile handling, ency miniber rials described above	(888) 42	3-EQEO (/	ect to federa Signature Im U.S.	al regulations	Frageci for reporting prop (	\$:    710	08-2-25	Waste. Monti	()	Ye
14. GEH Genera 15. Inté Transpo 16. Transpo Transpo	Weas protection approximates. EMerestocherr). INERATOR'S CERTIFI ator's/Offeror's Printed/ Ator's/Offeror's Printed/ Ator's/Offeror's Printed/ Ator's Acknowledge porter 1 Printed/Typed 1 Ator's Acknowledge porter 2 Printed/Typed 1	CATION: I certily the mate CATION: I certily the mate Typed Name Insport to U.S ports only): ment of Receipt of Materia Vame Signal C.C.	hile handling, ency miniber rials described above	(888) 42	3-EQEO (/	Signature	al regulations	Frageci for reporting prop (	\$:    710	08-2-25	Waste. Monti Monti	() Cay Day Day Day	Ye
14. GEH Genera J 15. Inté Transpo Transpo Transpo Transpo Transpo	Weas protection approximate. Dispeticizer). ENERATOR'S CERTIFIC ator's/Olferor's Printed/ crinational Shipments worter Signature (for exp insporter Acknowledge porter 1 Printed/Typed 1	CATION: I certily the mate CATION: I certily the mate Typed Name 	hile handling, ency miniber rials described above	(BSR) 42	3-EQEO (/	Signature Signature MU.S. Signature	Port c Date	Frageci for reporting prop (	#: 710	DG 2-25	Waste. Monti Monti	Day Day Day Day Day Day	             
14. GEH Genera J 15. Inté Transpo Transpo Transpo Transpo Transpo	Weas protection approximates. EXerciser). EXERATOR'S CERTIFL ator's/Olferor's Printed/ Antipather Science (for ex- porter Signature (for ex- porter Signature (for ex- porter 1 Printed/Typed for Science 2 Printed/Typed for screpancy	CATION: I certily the mate CATION: I certily the mate Typed Name 	hile handling, ency miniber rials described above	(888) 42	3-EQEO (/	ect to ledera Signature m U.S. Signature Signature	Port c Date	Project	\$:    710	DG 2-25	Waste. Monti Monti	() Cay Day Day Day	] / Ye { Ye
14. GEF Genera 15. Inté Transpo Transpo 17. Dis 17a Dis	Weas protections of the protection of the protec	CATION: I certily the mate CATION: I certily the mate Typed Name Import to U: ports only: ment of Receipt of Materi Name Space	hile handling, ency miniber rials described above	(BSR) 42	3-EQEO (/	ect to ledera Signature m U.S. Signature Signature	Port c Date	Project	Per disposal of	DG 2-25	Waste. Monti Monti	Day Day Day Day Day Day	             
14. GEH Genera 15. Inté Transport Transport 17. Dis 17a Die	Weas protection approximates. EXerciser). EXERATOR'S CERTIFL ator's/Olferor's Printed/ Antipather Science (for ex- porter Signature (for ex- porter Signature (for ex- porter 1 Printed/Typed for Science 2 Printed/Typed for screpancy	CATION: I certily the mate CATION: I certily the mate Typed Name Import to U: ports only: ment of Receipt of Materi Name Space	hile handling, ency miniber rials described above	(BSR) 42	3-EQEO (/	ect to ledera Signature m U.S. Signature Signature	Port c Date	Project	Per disposal of	DG 2-25	Waste. Monti Monti	Day Day Day Day Day Day	] / Ye { Ye
14. GEH Genera 15. Inté Transport Transport 17. Dis 17a Die	Weas protection approximate. IM-patchart IN-patchart I	CATION: I certily the mate CATION: I certily the mate Typed Name 	hile handling, ency miniber rials described above	(BSR) 42	3-EQEO (/	ect to ledera Signature m U.S. Signature Signature	Port c Date	Project	Per disposal of	DG 2-25	Masle. Monti Monti	Day	Ye Ye
14. GEH Genera 15. Inté Transport Transport 17. Dis 17a Die	Weas protection approximates. EXERATOR'S CERTIFIC ator's/Offeror's Printed/ Antipational Shipments for a source of the source of	CATION: I certily the mate CATION: I certily the mate Typed Name 	hile handling, ency miniber rials described above	(BSR) 42	3-EQEO (/	ect to ledera Signature m U.S. Signature Signature	Port c Date	Project	Per disposal of	DG 2-25	Waste. Monti Monti	Day	Ye
14. GEH Genera 15. Inté Transport Transport 17. Dis 17a Die	Weas protection approximate. IM-patchart IN-patchart I	CATION: I certily the mate CATION: I certily the mate Typed Name 	hile handling, ency miniber rials described above	(BSR) 42	3-EQEO (/	ect to ledera Signature m U.S. Signature Signature	Port c Date	Project	Per disposal of	DG 2-25	Masle. Monti Monti	Day	Ye: Ye: Ye: Ye: Ye:
14. GEH Genera 15. Infé Transpo 16. Transpo 16. Transpo 17. Dis 17a Dis 17a Dis 17b. Al	Weas protection approximate. IM-patchart IN-patchart I	CATION: I certily the mate CATION: I certily the mate Typed Name 	hile handling, ency miniber rials described above	(BSR) 42	3-EQEO (/	ect to ledera Signature m U.S. Signature Signature	Port c Date	Project	Per disposal of	DG 2-25	Masle. Monti Monti	Day	Ye Ye
14. GEF Genera 15. Inté Transport 15. Inté Transport 17. Dis 17a Dis 17a Dis 17b. Al 17b. Al 17b. Al	Weas protections of the precision of the	CATION: I certily the mate CATION: I certily the mate Typed Name 	hile handling, ency miniber rials described above (07	(BSR) 42 on this manife	3-EQEO (/	Signature	al regulations Port c Date Residue milest Refore	Project	Per disposal of	DG 2-25	Masle. Monti Monti	Day	i / Ye Ye
14. GEF Genera 15. Inté Transport 15. Inté Transport 17. Dis 17a Dis 17a Dis 17b. Al 17b. Al 17b. Al 17b. Al 18. De	Weast protection         approximation         EMERATOR'S CERTIFIE         ator's/Olferor's Printed/         protections         protections         conter Signature (for exponents)         conter Signature (for exponents)         porter 1 Printed/Typed for         screpancy         screpancy Indication S         Wernate Facility (or Ge         y's Phone:         Signature of Allernate F         L       5         esignated Facility Own	CATION: I certily the mate CATION: I certily the mate Typed Name 	hile handling, ency miniber rials described above (07	(BSR) 42 on this manife	3-EQEO (/	Signature Signature Signature Signature Signature Copt as not	al regulations Port o Date Port o Residue Residue nuilest Refore ad in-item 17	Project	Per disposal of	Hazardous V Hazardous V Rejection	Vaste. Month Month Month	Day	I I I
14. GEF Genera 15. Inté Transport 15. Inté Transport 17. Dis 17a Dis 17a Dis 17b. Al 17b. Al 17b. Al 17b. Al 18. De	Weas protections of the precision of the	CATION: I certily the mate CATION: I certily the mate Typed Name 	hile handling, ency miniber rials described above (07	(BSR) 42 on this manife	3-EQEO (/	Signature	al regulations Port o Date Port o Residue Residue nuilest Refore ad in-item 17	Project	Per disposal of       Der d	Hazardous V Hazardous V Rejection	Masle. Monti Monti	Day	Ye Ye

#### Soil Safe of California, Inc.

12328 Hibiscus Ave. Adelanto, CA 92301

#### WEIGHMASTER CERTIFICATE

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

Manifest Number: A3-6989 Load #: 1

4/1/2011

**ADE** 90975

Weighmaster Weighed at:
SOIL SAFE OF CALIFORNIA, INC
12328 HIBISCUS AVE
ADELANTO, CA 92301

OAKLAND, CA 94607

			<u>Lbs</u>	Tons
-J-Provansal	<b>Time-In:</b> 1:44:28-PM	Gross Weight:		14.34 Manual Wt
J Provansal	Time out: 1:44:30 PM	Tare Weight:	28120	14.06 Manual Wt
		Net Weight:	560	0.28

Truck Number: 534

Trailer Number: 214

Commodity: Non Haz - Solids

Driver on Gross and Tare Transporter: AIS - RIGO

Īċ	Manifest Non-Hazard ale of Shipment: Responsible for Payment: Transport Transportor	and the second secon	♥ Manifest # ♥           cen by TPS1         Load #           3/0/100         0/0/1
G	enerator's Name, and Billing Address	Cenerator's Phone #	Generator's US EPA ID No.
	Chiu Sikio Hollis Sirest, Stéla A	Person to Confact:	
	Empyrille, CA 94608	FAXII:	Customer Account Number with TPST:
ſ	onsultant's Nome and Billing Address.	Consultant's Phone #:	
		Person to Confact:	particular and provide the second
		FAX#:	Customer Account Number with TPS1:
	seneration, Site (Transport from): (name & address)	Site Phone #:	BTEX Levels
	800 Franklin St. Orklandi, CA 84807	Person (ò Contact;	TPH Levels
		li∆×#i	AVG Lovels
	Sesignated Facility (Transport to): <i>Quant &amp; address</i> ) Set 1999	Eacility Phone II: (POD) 862-8001 Person to Contact	Facility Permit Numbers
G	12328 Hibiscus Rd.		
	Adolarilo, CA 92301-1700	(783) 243-9004 Transporter's Phone #	Transporter's US EPA (D No.
5	transporter Name and Mailing Address American Integrated Services, Inc.	(310) 522-1168 Person to Contact	CAR000148330 ~ Transporter's DOT No.
	P.O. Bus \$2318	Jenske Sherman	Customer Account Number with TPST
	Long Beach, CA 90809-2316 Description of Soil Moisture Content Contaminated by: App	rox; Qty: Description of Delivery	7704909 Gross Weight Tare Weight Net Weigh
and the fillent	Sand [] Organic U 0-10% [] Gas [] Diesel U 10-20% [] Diesel U		78.20 78120 560
	Sand         Organic         O         O/m         Chs         O           Sand         U         Organic         0         10%         D         Chs         D           Direct         0         10%         D         Chs         D         D         D		58
	Distany exception to items listed above: All's Protect # 71008-2-25	SepterTicket#	96975
	Generator's and/or consultant's certification: J/We certify that the soil Sheet completed and certified by me/us for the Generation Sile shown	referenced herein is taken entirely fron above and nothing has been added or a	i those soils described in the Soil Data lone to such soil that would alter it in
	nny tuny Print or Type Name: Generator 🗆 Consultant 🔐	Signature and date:	<u>  Moniti  </u> Day.   Ye
-	Bayon A. Forg. (Agent for Chiw) Transporter's certification 1/We acknowledge receipt of the soil desc	15 in the and certify that such soil	is being delivered in exactly the same
sportei	condition as when received. I/We further certify that this soil is bei without off-loading, adding to, subtracting from or in any way delayi	ng delivery to such site	
Tran	Printor Type Nome	Signature and date /	$\frac{\text{Month}}{D3} \frac{\text{Day}}{12} \frac{\text{Y}}{11}$
Facility	Discrepancies		
Sec. 19		with an included to the	
Recycling	Recycling Facility certifies the receipt of the soil covered by this manifest e Bant or Type Name	Signature and date:	
₿¢			67-1-11

ę

	NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	REQUIRED	2. Page 1 of	3. Emergency R	ospons SCAS	se Phone (2.5.1) (3.1)	4. Waste Trac	king Numb	<sup>er</sup> 2150	81
	5. Generator's Name and Maili Control	ng Address		••••••	Generator's Site		ss (il different tha	n mailing addre	ss)	·····	
	SAD Holes St	nes, Suite A			(ACAS)	Frat	nkiin St.				
_	Generator's Phone	Emeryville, CA. 9	49033	ł	Oak	lare(	, CA 9400	7			
f	6. Transporter 1 Company Nan Autoericsan Itrie	ne grated Services, Inc.						U.S. EPA ID N		AR000148	86
1	7. Transporter 2 Company Nan	10			•			U.S. EPA ID N	lumber		
T	8. Designated Facility Name at Crossby A Cross	nd Site Address			<del></del>	~		L. U.S. EPA ID I	Vumber		
	163) W. 16th								(	CAD0284084	M9
1	Facility's Phone:	Long Beach, CA	. 20213 582-	432-544	3						
	9a. 9b. U.S. DOT Descriptio	n (including Proper Shipping Name)					nlainers	11. Total	12. Unit		
-	1				<sup>N</sup>	0.	Туре	Quantily	Wt./Vol.		1901-30 A.
	Non-Huzz	stienes Weste Liquid				1	-Tr Diffe	50	G		
ł	2.					í					
				_							
	3.										
	4.										
	Dispatcher)	24 hour emergency ry		,			Profile Project	#: 2757 #: 710(			
	14. GENERATOR'S CERTIFI	CATION: I certify the materials doscr	ibed above on this maniles	st are not subje	ect to federal regul	ations f	for reporting prop	er disposal of I-	lazardous W	le roje. Vasle.	
1	Generator's/Offeror's Printed/ Brycon A Fo	Typed Name Drive (Argent for	(hiv)		Signature		a A	9 - J.T.		Month	Day Y
1	15. International Shipments Transporter Signature (for exp	Import to U.S.		Export from	m U.S. ()		l entry/exit:				
5	16. Transporter Acknowledge	ment of Receipt of Materials			0		A A				
U LOLONAU	Transporter 1 Printed/Typed I	PAC (75			Signature Signature	A	4			Month	Day /2 //
¥ 										Monlh	Day '
A	17. Discrepancy 17a Discrepancy Indication S	Space Quantity	Туре		Ros	sidue		Partial F	Rejection	F	ull Rejection
	17b. Alternale Facility (or Ge	neralor)			Manilest F	leleren	nce Number:	U.S. EPA II	) Number		<u> </u>
FAULT:	Facility's Phone:							1			
	17c. Signature of Alternale I	acility (or Generator)	· · · · · · · · · · · · · · · · · · ·					<b>1</b>		Month	Day
DESIGNED	H135										
	18. Designated Facility Own Printed/Typed Name	er or Operator: Certification of receip	t of materials covered by t	he manilest exc	cept as noted in the Signature	om 17a	I \ \	······		Month	Day
1		· · · · · · · · · · · · · · · · · · ·		1	<u>y</u>	·~~				105	

169-BLC-O 5 11977 (Rev. 9/09)

**TRANSPORTER #1** 

GW monitoring data 3Q-2010 For Calvin Hee chum

McCampbell A "When Oual		1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269
Conestoga-Rovers & Associates	Client Project ID: #581000;	Chiu Date Sampled: 09/03/10
		Date Received: 09/03/10
5900 Hollis St, Suite A	Client Contact: Bryan Fon	g Date Reported: 09/10/10
Emeryville, CA 94608	Client P.O.:	Date Completed: 09/10/10

#### WorkOrder: 1009107

September 10, 2010

Dear Bryan:

Enclosed within are:

1) The results of the 6 analyzed samples from your project: #581000; Chiu,

2) A QC report for the above samples,

3) A copy of the chain of custody, and

4) An invoice for analytical services.

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.

MeCAMPBELI	ANA	LYT	TC/	ΔI.	IN	C.				-					(	H	AI	N I	OI	? C	U,	ST	01	DY	R	Ē(	ĊО	RD	):	ب م
1534 WI	LLOW PAS	SS RO.	AD _	, nar narmi 26		10	$\mathcal{O}\mathcal{C}$	710	) ,	7		TU	RN	AR				1			Ľ		Ľ	]		Ľ	Ì.			R
PITTSBI Website: www.mccampbe	IRG, CA 94	1565-17 sail- m	01 ain@)	1930 A 153	mnh			ŧ													RUS	šН	24	HR		48 1			HR	5 DAY
Telephone: (877) 252-9.	262	248.22	Fax:	(925	9 25	2-92	69					Ge	Tr	ick	er I	DF	č (2	8. : 1.	PD	F		Ex	cel	1		٧ri	ite I	Jn ( 	UW	) 🖵
Bryon Ford manie						~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~					<del>.</del>	******					 	~ <del>************</del> *	and the second	Kelling and the second	THE REAL PROPERTY.	imp	le is	etti	ucn	t ai		<u>) 118</u> ther		required comments
Report To: Dalahar	B	iill To	:Lor	esh	<u>ego</u> :	<u>190</u>	<u>lev</u> C	58/	155	αx	<u>15</u>				-	<u></u> A	nal	y SIS	Nec	jues	1	1			j.				nia finana	*
Company: Come Stoga - Rover	<u>stris</u>	<u>focus</u>	<u>ues</u>	<u>)</u>		••••••••••					1							83										826013	20	*Indicate ere if these
5900 HOIPS St.,	<u>&gt;r</u>	1 S-Mai	<u>.</u>	525{	$\frac{2}{2}$	(LAN	κþ	ģφ	ÔŴ	C	No.	<u>.</u>	B&F		ļ			ana,									.5	$ \otimes $	3	amples are
Tele: (510)400-3348		ax: (	li cù mir	ER (	<u>ter</u>	Ż	XF-14	ايكشيل	<u> </u>				A RA		1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 - 1949 -			Con						30)			aāy x	1		otentially
Project # 581000	p	rojec	21.U t Nan	<u>/14</u> ne: (	ř,	u ko Vii	l					ŊŚ	Å X	4	8	21)		lars.		(sa	30000000000000000000000000000000000000		4	1/60	1 6612		ik a	2		angerous to
Project Location: 800 Frankly	JZ Z	Ĩ	)aK	ÌΛ.		<u>ace</u>	A			20			18	(418)	N N	2/81	(s)	<b>Xroc</b>		hicid			PNA	6010	6010	6	theft	استراني	1	andle:
Sampler Signature: Min Skam F	ALLINA			T .		in S	λì,	- A	easaanna.	h			1 X	2001S		A 60	stick	N.	idex)	ler	103	00	1.5	<b>6.8</b> ź	0.8.0	6121	CE)	Jacop 1	5	
	PLING		ſ	Īv		RIX		QÌU	m	OD	18		75	0Car	180	3	ad E	NO	testic	ie Cl	0.01	3.82	(PA	1 / 10	1.28	610 /	3010		-	
			ers.	ŀ				rre	ati	<u>tvri</u>	as Gas (602 / 8021 +		Total Petroleum Oil & Grease (1664/ 5520 E/B&P)	Total Petroleum Uydrocarbans (418.1)	EPA 502.2 / 601 / 8010 / 8021 (HVOC)	MTRE / BTEX ONLY (EPA 602 / 8021)	RPA 505/ 608 / 5081 (CI Pesticides)	EPA 6(8// 8052 PCR's ONLY; Avoclars / Cangenery	507 / 8141 (NP Posteday)	EPA SIS / AISI (Achike (3 Nerhicides)	RPA 524.2 / 624 / 8260 (VOCs)	KPA 525.27 6257 8270 (SVOCA)	EPA SIN SIN / SUO (PAIL / PNA)	CAM 17 Metals (200.7 / 200.8 / 6010 / 6020)	LUFT 5 Meaks (200.7 / 200.8 / 6010 / 6020)	Land (200.7 / 200.8 / 6010 / 6020)	Filter sample for DISSOLVED metals analysis	1 1		
SAMPLE ID LOCATION		Containers	Type Containers											ann 1	100	N.O.	96 / 96	87 P		161	6247	1829	1	tais (	ak (	/ 200	e far	VICE PASIC		
SAMPOR D Field Point Name Date	Time	ţai	, m			5							arote	trale	1		20 60	8778	12.8	8/8	n an	178	S RE	7 Mg	Me	00.7	iduu	A		
	A SERAW		be	Water		Sludge	Other	(in)		HNU <sub>3</sub>			a b	d P	A 50.	BE	A 30	A 60k	e K	A 51	A 52	ў 52 М	88 15	N	1.4	ad (7	S. Ser Si	N S		
			Ţ,	3	20 20 20	S S	õ	EE		i C	5	i î	191	Ť	43	2	Š2		2	2 144	3	3	8. 52	0	15	Ľ	Ē			
MN-1 9-3-10	10:57	14	AND	X		Í	ĺ	X	X		X		K															X.		
H-MU-2	842			Π																	Į.,	-								
MN-BA	17:48			1																										
+ 1/11-4	454			ţ.				Ì	Ì		П																			
1/ MW-5	54					-	ľ		Ť		11				*													*		
MUG	6.44	R.					Ì		+		T		(		n finiskoven star	2000000000000		14			1	1						X		
$\chi$ <u><math>\Gamma</math> <math>\lambda</math> <math>\lambda</math> <math>\lambda</math></u>		₩₹-		IX.				X	K										<u>.</u>		<b></b>				-	1	ļ,.,	<b>.</b>	_ /	20/1
	-		· • V.3.3		·			4	4-			-		1							1	-		l				(	(), 19 A <b>gunden</b>	San Malan kafan san san san san san san san san san s
		-									•	6-1-3																	····	
				<b>_</b>											-									-			••••		•	
		ļ	Į								-	_				CONTRACTOR DATE:					-	ļ			-					
	l	ļ	l	I										ļ	ļ	ļ			L	1	<b>.</b>	L	lananana	J	L	<u>]</u>		<u> </u>	<u> </u>	
** MAI clicin, MUST disclose any dangerous o	hemicals ku	iown fo	be pri	esent i	in the	ir sut	miti	led s	mp	les in	i con	cent	ration	s tha	t may	r cau	se im	med	iate l	harm	i or s	erio	us fu	ture	heall	h en	dang	ermei	it as a	result of brief.
gloved, open air, sample handling by MAI staf	f. Non-discle	òsure li	ncurs i	un într	ncdia	te \$23	50 su	ircha	irge	and t	the c	Real	is su	oject	to fu	ll legi	al lia	bálity	y for	bart	n su	llerei	u. Ti	nank	you	10F <u>3</u>	our	aader	siznü	enik musi istr
allowing us to work safely.							65						()	$\overline{C}$	-		,										1613 (b. 1200)			
Relinquishe By: Date:	Time:	Rece	ived B	ł: /	$\overline{2}$	1.	$\overline{M}$						。 D CO			$\overline{\mathcal{A}}$	· · · · ·	, i							CO	MN	ENI	<b>3</b> : 		
9/3/10	1315	l \	$\underline{\mathcal{N}}$	$\mathbb{Y}$	$\leq 1$	UV-	700/N	*****				IÈA	D SPA	CE.	<b>ADSE</b>	NT	Z					)	01	θK	58	Por	(44) :	31	Im!	ts.
Relinquisher By: Date:	Time:	Rece	ived B	<b>5</b> }		*.					1	)EC)	HLOI XOPR	INA IATI	TED e no	IN L NTA	AB INFÏ	38	$\overline{}$	de la compañía de la comp			$\langle c \rangle$	ose	< +	00	0.5	MQ.	p.	
	ļ	l											ERV				~≈;;****** ~		¥			, N	ŝυ(	ŚĆ s	s (v	ir)	10	/lor	dê,	TUERHIOO
Relinquished.By: Date:	Time:	Rece	ived B	y;							-				Ń	QAS	0.	ŝĠ	MI	стá	LS	от	HER	ł.						ts to TCERHlord by 8260B
											P	RES	ERV	хтк		Ч,		Ĩ	pII											

#### McCampbell Analytical, Inc.

## **CHAIN-OF-CUSTODY RECORD**

Page 1 of 1

	llow Pass Rd 3, CA 94565-1701 2-9262					Work	Order:	10091				ode: CE				- 	,
		UwaterTrax	WriteOn	EDF		]Excel	[	Fax	$\checkmark$	] Email		HardC	Сору	🗌 Thir	rdParty	🗌 J-	flag
Report to:		Email:	bfong@crawc	rd com			Bill to:	counts F	Payable				Requ	uested	ΤΑΤ:	5 (	days
Bryan Fong Conestoga-F 5900 Hollis S Emeryville, C (510) 420-336	CA 94608	cc: PO: ProjectNo:	#581000; Chi				Co 590	nestoga 00 Holli:	a-Rover s St, Ste , CA 940	s & As 9. A 608			Dat	e Prin		09/03/ 09/07/	
					· · · ·				Requ	ested	<u>Tests (</u>	See leg	end b			T	1
Lab ID	Client ID		Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
1009107-001	MW-1		Water	9/3/2010 10:57		В	A	Α						ļ		<u> </u>	<u> </u>
1009107-002	MW-2		Water	9/3/2010 8:42		В	A									<b></b>	<u> </u>
1009107-003	MW-3A		Water	9/3/2010 7:48		В	A									┣───-	
1009107-004			Water	9/3/2010 4:54		В	A				L					<u> </u>	┼───
1009107-005	MW-5		Water	9/3/2010 5:47		B	A									<u> </u>	+
1009107-006	MW-6		Water	9/3/2010 6:44		В	A.			<u> </u>	l				I	<u>ــــــــــــــــــــــــــــــــــــ</u>	<u> </u>

#### <u>Test Legend</u>:

1	8260B_W
6	
11	

2	G-MBTEX_W	
7		
12		

3	PREDF REPORT
8	

	1	
4		
19		

5		 	
10			

Prepared by: Melissa Valles

The following SampIDs: 001A, 002A, 003A, 004A, 005A, 006A contain testgroup.

#### **Comments:**

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.

	"When Ouality Counts"	<b>:</b>		Web: w	ww.mc	low Pass Road, Pittsbur campbell.com E-mail one: 877-252-9262 Fr		bell.com
	Sa	mple	Receip	ot Che	cklis	t	,	
Client Name:	Conestoga-Rovers & Associates			D	ate an	nd Time Received:	9/3/2010	3:04:39 PM
Project Name:	#581000; Chiu			С	heckli	ist completed and	reviewed by:	Melissa Valles
WorkOrder N°:	1009107 Matrix Water			С	arrier:	Client Drop-In		
	<u>Chair</u>	n of Cu	<u>stody (C</u>	OC) Infe	ormat	lion		
Chain of custody	r present?	Yes	$\checkmark$	No		·		
Chain of custody	signed when relinquished and received?	Yes		No				
Chain of custody	agrees with sample labels?	Yes	$\checkmark$	No				
Sample IDs noted	by Client on COC?	Yes	$\checkmark$	No				
Date and Time of	f collection noted by Client on COC?	Yes		No				
Sampler's name	noted on COC?	Yes		No				
	S	Sample	Receipt	Informa	ation			
Custody seals in	tact on shipping container/cooler?	Yes		No	_		NA 🔽	
-	er/cooler in good condition?	Yes	$\checkmark$	No				
	er containers/bottles?	Yes		No				
Sample containe	ers intact?	Yes		No				
Sufficient sample	e volume for indicated test?	Yes		No				
	Sample Prese	ervatio	n and Ho	old Time	• (HT)	Information		
All samples rece	ived within holding time?	Yes	<b>V</b>			÷		
	Blank temperature	Coole	er Temp:	4.8°C			NA 🗆	
	als have zero headspace / no bubbles?	Yes		No		No VOA vials sub	mitted 🛛	
	hecked for correct preservation?	Yes		No				
·	ptable upon receipt (pH<2)?	Yes		No			NA 🗹	
Samples Receiv		Yes		No				
•		pe: Wi	ET ICE	)				
* NOTE: If the "	No" box is checked, see comments below			===	:		====	======

Client contacted:

Date contacted:

Contacted by:

Comments:

Consistings-Rovers & Associates         Client Project ID: #381000; Chiu         Date Sampled: 09/03/10           5900 Hollis St, Suite A         Client Contact: Bryan Fong         Date Received: 09/07/10           Emeryville, CA 94608         Client P.O.:         Date Management           Volatile Organics by P&T and GC/WS (Basic Target List)*         Extraction Method: \$W3030B         Week Order: 1009107           Lab ID         1009107-001B         Week Order: 1009107         Method: \$W1000           Client ID         Water         Water         Water           Connound         Concentration *         DF         Bargoong         Connound         Concentration *         DF           Acciance         ND         1.0         10         tert-Annyl methyl after (TAME)         ND         1.0         0.5           Bromoshicomethane         ND         1.0         0.5         Bromoshicomethane         ND         1.0         0.2           Carbon         ND         1.0         0.5         Bromoshicomethane         ND         1.0         0.2           Connound         Concentration *         ND         1.0         0.5         Bromoshicomethane         ND         1.0         0.5           Bromoshicomethane         ND         1.0         0.5         Gr	When Ouality		<u>nc.</u>		Web: www.mccampl	ass Road, Pittsburg, CA bell.com E-mail: main 77-252-9262 Fax: 925	@mccampbell.com				
Contesting Florence         Date Received:         09/03/10           5900 Hollis St, Suite A         Client Contact: Bryan Fong         Date Received:         09/07/10           Emeryville, CA 94608         Client P.O.:         Date Analyzed:         09/07/10           Volatile Organics by P&T and GC/MS (Basic Target List)*           Volatile Organics by P&T and GC/MS (Basic Target List)*           Mate Analyzed:         09/07/10           Client P.O.:         Date Analyzed:         09/07/10           Client D         Wate           Compound         Concentration *         DF         Researce           Commound         Commound         Commound         Concentration *         DF         Researce         ND         1.0         0           Commound         Commound <th <="" colspan="2" td=""><td></td><td></td><td>roject ID:</td><td>#581(</td><td>)00: Chiu</td><td>Date Sampled:</td><td>09/03/10</td><td></td><td></td></th>	<td></td> <td></td> <td>roject ID:</td> <td>#581(</td> <td>)00: Chiu</td> <td>Date Sampled:</td> <td>09/03/10</td> <td></td> <td></td>				roject ID:	#581(	)00: Chiu	Date Sampled:	09/03/10		
5900 Hollis St, Suite A         Client Contact: Bryan Fong         Date Extracted: 09/07/10           Emergyrille, CA 94608         Client P.O.:         Date Analyzed: 09/07/10           Volatile Organics by P&T and CC/MS (Basic Target List)*           Watch of the SW2508           Compound           ND           ND           Statistic Compound           Compound           Compound           Compound           Compound           Compound           Compound           Compound           Compound	Conestoga-Rovers & Associates	Chemiti	Toject ID.	10010	,oo, onu	<u>_</u>					
$\begin{tabular}{ c c c c c c c c c c c c c c c c c c c$	5900 Hollis St. Suite A		<u> </u>			<u>.</u>					
Volatile Organics by P&T and GC/MS (Basic Target List)*           Estraction Method:         SW3000         Work Order:         1009107-001B           Lab ID         1009107-001B         Work Order:         1009107           Matrix         Walt         Walt         Walt           Compound         Concentration *         DF         Reporting Limit         Compound         Concentration *         DF         Reporting Limit         ND         1.0         0.5         Bromodeline         ND         1.0         0.5         Chloromethane         ND         1.0         0.5         Chloromethane         ND         1.0         0.5         Chloroberzene         ND         1.0         0.5         Chloroberzene         ND         1.0         0.5         Chloroberzene         ND         1.0         0.5         Chloroberzene         ND         1.0	<i>c)                                    </i>	Client C	Contact: E	Bryan I	Fong	Date Extracted:	09/07/10				
Betraction Method: SW930B         Wate Composition           Lab ID         1009107-001B           Compound         Concentration *         DF         Repersive           Service Concentration *         DF         Repersive Concentration *         DF         Repersive Concentration *         DF         Service Concentration *         DF         Concentration *         DF         Concentration *         DF	Emeryville, CA 94608	Client F	9.0.:			Date Analyzed:	09/07/10				
Betraction Method: SW930B         Wate Composition           Lab ID         1009107-001B           Compound         Concentration *         DF         Repersive           Service Concentration *         DF         Repersive Concentration *         DF         Repersive Concentration *         DF         Service Concentration *         DF         Concentration *         DF         Concentration *         DF		Volatile Organ	nics by P&	T and	GC/MS (Basic Ta	arget List)*					
Lab ID         1009107-001B           Matrix         MW-1           Matrix         Water           Commound         Concentration *         DF         Repeting Itam         Commound         Concentration *         DF         Repeting Itam           Acctone         ND         1.0         0.1         tert-Amv1 methyl spir (TAME)         ND         1.0         0.5           Bromochloromethane         ND         1.0         0.5         Bromochance         ND         1.0         0.5           Bromochloromethane         ND         1.0         0.5         Bromochance         ND         1.0         0.5           Bromochance         ND         1.0         0.5         Scromochloromethane         ND         1.0         0.5           Stromochance         ND         1.0         0.5         Scromochance         ND         1.0         0.5           Cathorosthane         ND         1.0         0.5         Chorosthane         ND         1.0         0.5           Chlorosthane         ND         1.0         0.5         Chorosthane         ND         1.0         0.5           Chlorosthane         ND         1.0         0.5         Chorosthane	Extraction Method: SW5030B	0	-				Work Order: 1009	107			
MMUNIX           Matrix           Water           Water           Connound         Concentration*         DF         Reporting former           Connound         Concentration*         DF         Reporting former           ND         1.0         0.5         Bromodelhoromethane         ND         1.0         0.5         Server (TAME)         ND         1.0         0.5         Concontration *         DF         Reporting former         ND         1.0         0.5         Server (TAME)         ND         1.0         0.5         Contrologen (ME)         ND         1.0         0.5         Charlon (TAME)         ND         1.0         0.5         Charlon (ME)         ND         1.0         0.5         Charlon (ME)         ND         1.0         0.5         Charlon (ME)         ND          ND <th< td=""><td></td><td></td><td></td><td></td><td>1009107</td><td>7-001B</td><td></td><td></td><td></td></th<>					1009107	7-001B					
Matrix         Unit         Unit         Water         DF         Reporting Lamin         Connound         Concentration *         DF         Reporting Lamin           Accione         ND         1.0         0.5         Bromobenzene         ND         1.0         0.5           Bromochloromethane         ND         1.0         0.5         Bromochloromethane         ND         1.0         0.5           Bromochloromethane         ND         1.0         0.5         Bromochloromethane         ND         1.0         0.5           2-Butanone (MEK)         ND         1.0         0.5         CascBut/ Bezzene         ND         1.0         0.5           2-Butanone (MEK)         ND         1.0         0.5         CascBut/ Bezzene         ND         1.0         0.5           Carbon Tetrashloride         ND         1.0         0.5         Chlorothane         ND         1.0         0.5           Chlorothane         ND         1.0         0.5         Chlorothane         ND         1.0         0.5           Chlorothane         ND         1.0         0.5         Labothoromethane         ND         1.0         0.5           1.2.Dichlorothane         ND         1.0         0.5<			MW-1								
Compound         Concentration*         DF         Regoning Lamit         Connound         Concentration*         DF         Regoning Lamit           Acctore         ND         1.0         10         tert-Annyl methyl elber (TAME)         ND         1.0         0.5           Benzene         ND         1.0         0.5         Bromoch/loromethane         ND         1.0         0.5           Bromoch/Michoromethane         ND         1.0         0.5         Bromomethane         ND         1.0         0.5           Bromoch/MEK)         ND         1.0         0.5         Sec-Butyl benzene         ND         1.0         0.5           Carbon Tetrahelloride         ND         1.0         0.5         Carbon Distribution         ND         1.0         0.5           Chioromethane         ND         1.0         0.5         Chiorobenzene         ND         1.0         0.5           Chioromethane         ND         1.0         0.5         Chiorobenzene         ND         1.0         0.5           Chioromethane         ND         1.0         0.5         Chiorobenzene         ND         1.0         0.5           Larbithorobenzene         ND         1.0         0.5         1.2-Dichorob		=	Water								
Acctone         ND         1.0         1.0         tert-Amyl methyl ether (TAME)         ND         1.0         0.5           Benzene         ND         1.0         0.5         Bromochloromethane         ND         1.0         0.5           Bromochloromethane         ND         1.0         0.5         Bromochloromethane         ND         1.0         0.5           Bromochloromethane         ND         1.0         0.5         Bromochloromethane         ND         1.0         0.5           2-Butanone (MEK)         ND         1.0         0.5         Sec-Butyl benzene         ND         1.0         0.5           Carbon Tetrachloride         ND         1.0         0.5         Chloroferm         ND         1.0         0.5           Chloromethane         ND         1.0         0.5         Chloroferm         ND         1.0         0.5           Chloromethane         ND         1.0         0.5         Chlorohenzene         ND         1.0         0.5           Chloromethane         ND         1.0         0.5         Chlorohenzene         ND         1.0         0.5           1.2-Dibromo-3-chloropropane         ND         1.0         0.5         1.2-Dichlorohenzene         <		Concentration *	DF R		Compour	nd	Concentration *	DF			
Inconde         ND         1.0         0.5         Bromobenzene         ND         1.0         0.5           Bromochloromethane         ND         1.0         0.5         Bromochloromethane         ND         1.0         0.5           Bromochlorom         ND         1.0         0.5         Bromodichloromethane         ND         1.0         0.5           2-Butanone (MEK)         ND         1.0         0.5         scabuly benzene         ND         1.0         0.5           arcBatyl benzene         ND         1.0         0.5         carbon Disulfade         ND         1.0         0.5           Chloroethane         ND         1.0         0.5         Chlorobenzene         ND         1.0         0.5           Chloroethane         ND         1.0         0.5         Chlorobenzene         ND         1.0         0.5           Chloroethane         ND         1.0         0.5         Chloroethane         ND         1.0         0.5           Chloroethane         ND         1.0         0.5         Li2-Dichoroethane         ND         1.0         0.5           1.2-Dichloroethane         ND         1.0         0.5         Li2-Dichloroethane         ND         1.0 </td <td></td> <td></td> <td></td> <td></td> <td>tert-Amyl methyl e</td> <td>ther (TAME)</td> <td>ND</td> <td>1.0</td> <td></td>					tert-Amyl methyl e	ther (TAME)	ND	1.0			
Briteric         ND         1.0         0.5         Bromochichtoromethane         ND         1.0         0.5           Bromochiorn         ND         1.0         0.5         Bromochiane         ND         1.0         0.5           Bromochiorn         ND         1.0         0.5         Bromochichtoromethane         ND         1.0         0.5           Pattatoperiod         ND         1.0         0.5         Cabor Tertacholide         ND         1.0         0.5           Carbon Tetracholoride         ND         1.0         0.5         Chlorobenzene         ND         1.0         0.5           Chloromethane         ND         1.0         0.5         Chlorotoluene         ND         1.0         0.5           Chloromethane         ND         1.0         0.5         Chlorotoluene         ND         1.0         0.5           Chloromethane         ND         1.0         0.5         1.2-Dichlorobenzene         ND         1.0         0.5           1.2-Dichlorobenzene         ND         1.0         0.5         1.4-Dichlorobenzene         ND         1.0         0.5           1.2-Dichlorothane         ND         1.0         0.5         1.4-Dichlorotonetane         ND											
Bromoform         ND         1.0         0.5         Bromomethane         ND         1.0         0.5           2-Butanone (MEK)         ND         1.0         0.5         see-Butvl lenzene         ND         1.0         0.5           n-Butvl benzene         ND         1.0         0.5         see-Butvl henzene         ND         1.0         0.5           Carbon Testnehoride         ND         1.0         0.5         Chlorobenzene         ND         1.0         0.5           Chloroethane         ND         1.0         0.5         Chlorobenzene         ND         1.0         0.5           Chloroethane         ND         1.0         0.5         Chlorothune         ND         1.0         0.5           Chloroethane         ND         1.0         0.5         Dibromochloromethane         ND         1.0         0.5           1.2-Dibromo-3-chloropropane         ND         1.0         0.5         1.2-Dichorobenzene         ND         1.0         0.5           1.2-Dichoroethane         ND         1.0         0.5         1.1-Dichloroethane         ND         1.0         0.5           1.2-Dichoroethane         ND         1.0         0.5         1.1-Dichloroethane         N			1.0	0,5	Bromodichlorometh	nane	ND	1.0			
2-Butanone (MEK)         ND         1.0         2.0         (-Butyl lenzene)         ND         1.0         2.0           n-Butyl benzene         ND         1.0         0.5         sec-Butyl benzene         ND         1.0         0.5           Carbon Disulfade         ND         1.0         0.5         Carbon Disulfade         ND         1.0         0.5           Carbon Tetrachloride         ND         1.0         0.5         Chlorobenzene         ND         1.0         0.5           Chloroethane         ND         1.0         0.5         Chloromethane         ND         1.0         0.5           Chloromethane         ND         1.0         0.5         Chloromethane         ND         1.0         0.5           1.2-Dibloronoshorzene         ND         1.0         0.5         1.2-Dichlorobenzene         ND         1.0         0.5           1.3-Dichlorobezene         ND         1.0         0.5         1.4-Dichlorobenzene         ND         1.0         0.5           1.3-Dichlorobezene         ND         1.0         0.5         1.1-Dichlorochane         ND         1.0         0.5           1.2-Dichloroethene         ND         1.0         0.5         1.1-Dichloroethene <td></td> <td></td> <td>1.0</td> <td>.0.5</td> <td>Bromomethane</td> <td></td> <td>ND</td> <td></td> <td></td>			1.0	.0.5	Bromomethane		ND				
n-But/l benzene         ND         1.0         0.5         sec-Burly henzene         ND         1.0         0.5           carbon Tetrabloride         ND         1.0         0.5         Carbon Disulfide         ND         1.0         0.5           Carbon Tetrabloride         ND         1.0         0.5         Chlorobenzene         ND         1.0         0.5           Chloromethane         ND         1.0         0.5         Chloroform         1.2         1.0         0.5           Chloromethane         ND         1.0         0.5         Chlorotoluene         ND         1.0         0.5           1.2-Dibromo-3-chloropropane         ND         1.0         0.5         1.2-Dibromochloromethane         ND         1.0         0.5           1.3-Dichlorobenzene         ND         1.0         0.5         1.1-Dichlorothane         ND         1.0         0.5           1.2-Dichloroethane         ND         1.0         0.5         1.1-Dichloroethane         ND         1.0         0.5           1.2-Dichloroethane         ND         1.0         0.5         1.1-Dichloroethane         ND         1.0         0.5           1.2-Dichloroethane         ND         1.0         0.5         1.3-Di					t-Butyl alcohol (TB	A)	ND	1.0	2.0		
International constraints         ND         1.0         0.5         Carbon Disulfide         ND         1.0         0.5           Carbon Tetrachloride         ND         1.0         0.5         Chlorothane         ND         1.0         0.5           Chlorothane         ND         1.0         0.5         Chlorothuene         ND         1.0         0.5           Chlorothane         ND         1.0         0.5         2-Chlorothuene         ND         1.0         0.5           4-Chlorothuene         ND         1.0         0.5         2-Chlorothuene         ND         1.0         0.5           1.2-Dithonos-3-chloropropane         ND         1.0         0.5         1.2-Dithonothurene         ND         1.0         0.5           1.3-Dichlorothanzene         ND         1.0         0.5         1.4-Dichlorothanzene         ND         1.0         0.5           1.2-Dichlorothane         ND         1.0         0.5         1.1-Dichlorothane         ND         1.0         0.5           1.2-Dichlorothane         ND         1.0         0.5         1.3-Dichlorothane         ND         1.0         0.5           1.2-Dichlorothane         ND         1.0         0.5         1.1-Dichlorot			1.0	0.5	sec-Butyl benzene			1.0			
ND         1.0         0.5         Chlorobenzene         ND         1.0         0.5           Carbon Tetrachloride         ND         1.0         0.5         Chloroform         1.2         1.0         0.5           Chlorogethane         ND         1.0         0.5         Chloroform         1.2         1.0         0.5           Chlorogethane         ND         1.0         0.5         Chlorobluene         ND         1.0         0.5           1.2-Dibloromo-3-chloropropane         ND         1.0         0.5         1.2-Dibloromoethane (EDB)         ND         1.0         0.5           1.3-Dichlorobenzene         ND         1.0         0.5         1.4-Dichlorobenzene         ND         1.0         0.5           1.3-Dichlorobenzene         ND         1.0         0.5         1.4-Dichlorobenzene         ND         1.0         0.5           1.2-Dichlorobenzene         ND         1.0         0.5         1.1-Dichlorobenzene         ND         1.0         0.5           1.2-Dichloropethane (1.2-DCA)         ND         1.0         0.5         1.1-Dichloropethane         ND         1.0         0.5           1.2-Dichloropropane         ND         1.0         0.5         1.3-Dichloropropane <td></td> <td></td> <td>1.0</td> <td>0.5</td> <td>Carbon Disulfide</td> <td></td> <td>ND</td> <td>_ 1.0</td> <td></td>			1.0	0.5	Carbon Disulfide		ND	_ 1.0			
Chlorottime         ND         1.0         0.5         Chloroftm         1.2         1.0         0.5           Chlorottane         ND         1.0         0.5         2-Chlorottuene         ND         1.0         0.5           4-Chlorottuene         ND         1.0         0.5         2-Chlorottuene         ND         1.0         0.5           1.2-Dikromo-3-chloropropane         ND         1.0         0.5         1.2-Dikromechloromethane         ND         1.0         0.5           1.3-Dichlorobenzene         ND         1.0         0.5         1.4-Dichlorobenzene         ND         1.0         0.5           1.3-Dichlorothane         ND         1.0         0.5         1.1-Dichlorothane         ND         1.0         0.5           1.2-Dichlorotthane         ND         1.0         0.5         1.1-Dichlorotthane         ND         1.0         0.5           1.2-Dichlorottane         ND         1.0         0.5         1.3-Dichlorotthane         ND         1.0         0.5           1.2-Dichlorottane         ND         1.0         0.5         1.3-Dichlorotthane         ND         1.0         0.5           2.2-Dichlorotropane         ND         1.0         0.5         Hanshiloro			1.0	0.5	Chlorobenzene	ND	1.0				
Chloromethane         ND         1.0         0.5         2-Chlorotoluene         ND         1.0         0.5           4-Chlorotoluene         ND         1.0         0.5         Dibromochane         ND         1.0         0.5           1.2-Dibromo-3-chloropropane         ND         1.0         0.5         1.2-Dibromochane (EDB)         ND         1.0         0.5           1.3-Dichlorobenzene         ND         1.0         0.5         1.2-Dichlorobenzene         ND         1.0         0.5           1.3-Dichlorobenzene         ND         1.0         0.5         1.1-Dichloroethane         ND         1.0         0.5           1.2-Dichloroethane         ND         1.0         0.5         1.1-Dichloroethane         ND         1.0         0.5           1.2-Dichloropthane         ND         1.0         0.5         1.1-Dichloroethane         ND         1.0         0.5           1.2-Dichloroptopane         ND         1.0         0.5         1.3-Dichloroptopane         ND         1.0         0.5           2.2-Dichloroptopane         ND         1.0         0.5         1.3-Dichloroptopane         ND         1.0         0.5           2.2-Dichloroptopane         ND         1.0         0.5 <td></td> <td></td> <td>1.0</td> <td>0.5</td> <td></td> <td>1.2</td> <td>1.0</td> <td></td>			1.0	0.5		1.2	1.0				
Choronomic         ND         1.0         0.5         Dibromochloromethane         ND         1.0         0.5           12-Dibromo-3-chloropropane         ND         1.0         0.2         1.2-Dichlorobenzene         ND         1.0         0.5           Dibromoethane         ND         1.0         0.5         1.2-Dichlorobenzene         ND         1.0         0.5           Ja-Dichlorobenzene         ND         1.0         0.5         1.4-Dichlorobenzene         ND         1.0         0.5           Dichorodifluoromethane         ND         1.0         0.5         1.4-Dichlorobenzene         ND         1.0         0.5           1.2-Dichloroethane         ND         1.0         0.5         1.1-Dichloroethane         ND         1.0         0.5           1.2-Dichloroethane         ND         1.0         0.5         1.1-Dichloroethane         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         Ethyl tert-butyl ether (DIPE)         ND         1.0         0.5         Ethyl herzene         ND         1.0         0.5 <td></td> <td></td> <td>1.0</td> <td>0.5</td> <td>2-Chlorotoluene</td> <td>and the second se</td> <td></td> <td>_</td>			1.0	0.5	2-Chlorotoluene	and the second se		_			
Production         ND         1.0         0.2         1.2-Dibromoethane (EDB)         ND         1.0         0.5           Dibromomethane         ND         1.0         0.5         1.2-Dibromoethane         ND         1.0         0.5           1.3-Dichlorobenzene         ND         1.0         0.5         1.4-Dichlorobenzene         ND         1.0         0.5           1.3-Dichlorobenzene         ND         1.0         0.5         1.1-Dichloroethane         ND         1.0         0.5           1.2-Dichloroethane         ND         1.0         0.5         1.1-Dichloroethane         ND         1.0         0.5           1.2-Dichloroethene         ND         1.0         0.5         1.3-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         Inspiration on on stans 1.3-Dichloropropene         ND         1.0         0.5           2.2-Dichloropropene         ND         1.0         0.5         Herylbenzene         ND         1.0         0.5           Disopropyl ether (DIPE)         ND         1.0				0.5		hane	ND <sup>*</sup>	1.0	0.5		
Distromethane         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           Dichlorobenzene         ND         1.0         0.5         1.4-Dichlorobenzene         ND         1.0         0.5           Dichlorobenzene         ND         1.0         0.5         1.1-Dichloroethane         ND         1.0         0.5           1.2-Dichloroethane         ND         1.0         0.5         1.1-Dichloroethane         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         trans-1.3-Dichloropropane         ND         1.0         0.5           2.2-Dichloropropane         ND         1.0         0.5         trans-1.3-Dichloropropane         ND         1.0         0.5           2.2-Dichloropropane         ND         1.0         0.5         trans-1.3-Dichloropropane         ND         1.0         0.5           2.2-Dichloropropane         ND         1.0			1.0	0.2	1.2-Dibromoethane		1.0				
Display         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           Dichloroethane (1.2-DCA)         ND         1.0         0.5         1.1-Dichloroethane         ND         1.0         0.5           1.2-Dichloroethene         ND         1.0         0.5         trans-1.2-Dichloropthene         ND         1.0         0.5           1.2-Dichloroptopane         ND         1.0         0.5         trans-1.2-Dichloroptopane         ND         1.0         0.5           2.2-Dichloroptopane         ND         1.0         0.5         trans-1.3-Dichloroptopane         ND         1.0         0.5           Disopropyl ether (DPE)         ND         1.0         0.5         Ethylbenzene         ND         1.0         0.5           Ethyl tert-butyl ether (ETBE)         ND         1.0         0.5         Hexachloropthenee         ND         1.0         0.5           2-Hexanone         ND         1.0         0.5         Isopropylbenzene         ND         1.0         0.5           Alstopropyl toluene         ND         1.0			1.0	0.5	1.2-Dichlorobenzer	ne	ND	1.0			
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         trans-1,2-Dichloroethene         ND         1.0         0.5           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         trans-1,3-Dichloropropene         ND         1.0         0.5           cis-1,3-Dichloropropene         ND         1.0         0.5         trans-1,3-Dichloropropene         ND         1.0         0.5           Ethyl tert-butyl ether (DIPE)         ND         1.0         0.5         Freon 113         ND         1.0         0.5           Ethyl tert-butyl ether (ETBE)         ND         1.0         0.5         Isopropylbenzene         ND         1.0         0.5           2-Hexanone         ND         1.0         0.5         Hexachloroethane         ND         1.0         0.5           4-Isopropyl toluene </td <td></td> <td></td> <td>1.0</td> <td>0.5</td> <td>1,4-Dichlorobenzer</td> <td>1e</td> <td></td> <td></td> <td>-</td>			1.0	0.5	1,4-Dichlorobenzer	1e			-		
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           2.2-Dichloropropane         ND         1.0         0.5         trans-1.3-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         Freen 113         ND         1.0         1.0         0.5           Hexachlorobutadiene         ND         1.0         0.5         Isopropylenzene         ND         1.0         0.5           2-Hexanone         ND         1.0         0.5         Methyl-t-butyl ether (MTBE)         ND         1.0         0.5           4-Isopropyl toluene			1.0	0.5	1.1-Dichloroethane	<u> </u>					
cis-1.2-Dichloroethene         ND         1.0         0.5         trans-1.2-Dichloroptopane         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-Dichloropropane         ND         1.0         0.5           cis-1,3-Dichloropropane         ND         1.0         0.5         trans-1.3-Dichloropropene         ND         1.0         0.5           cis-1,3-Dichloropropene         ND         1.0         0.5         Ethylicoropylene         ND         1.0         0.5           Ethyl tert-butyl ether (DIPE)         ND         1.0         0.5         Hexachlorobutadiene         ND         1.0         0.5           2-Hexanone         ND         1.0         0.5         Hexachloroethane         ND         1.0         0.5           4-Isopropyl toluene         ND         1.0         0.5         Hexachloroethane         ND         1.0         0.5           Auspropyl toluene         ND         1.0         0.5         Hexachloroethane         ND         1.0         0.5           1.1,2.2-Tetrachloroethane         ND         <		ND	1.0	0.5	1,1-Dichloroethene	<u> </u>		÷			
ND         1.0         0.5         1.3-Dichloropropane         ND         1.0         0.5           2.2-Dichloropropane         ND         1.0         0.5         1.1-Dichloropropane         ND         1.0         0.5           2.2-Dichloropropane         ND         1.0         0.5         trans-1.3-Dichloropropene         ND         1.0         0.5           cis-1.3-Dichloropropene         ND         1.0         0.5         trans-1.3-Dichloropropene         ND         1.0         0.5           Disopropyl ether (DIPE)         ND         1.0         0.5         Ethvlbenzene         ND         1.0         0.5           Ethvl tert-butyl ether (ETBE)         ND         1.0         0.5         Hexachloroethane         ND         1.0         0.5           2-Hexanone         ND         1.0         0.5         Hexachloroethane         ND         1.0         0.5           4-Isopropyl toluene         ND         1.0         0.5         Hexachloroethane         ND         1.0         0.5           Methvlene chloride         ND         1.0         0.5         n-Propyl benzene         ND         1.0         0.5           Naphthalene         ND         1.0         0.5         n-Propyl benzen			1.0	0.5	trans-1,2-Dichloroe	ethene					
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         Ethvlbenzene         ND         1.0         0.5           Ethvl tert-butyl ether (ETBE)         ND         1.0         0.5         Freon 113         ND         1.0         0.5           2-Hexanone         ND         1.0         0.5         Isopropyl ether (MTBE)         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         ND         1.0         0.5         1.1.2-Tetrachloroethane         ND         1.0         0.5           Styrene         ND         1.0         0.5         1.1.2-Tetrachloroethane         ND         1.0         0.5           1.2.2-Tetrachloroethane         ND         1.0<			1.0	0.5	1,3-Dichloropropa	<u>ne</u>					
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         Freen 113         ND         1.0         0.5           Hexachlorobutadiene         ND         1.0         0.5         Isopropylbenzene         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         4-Methyl-t-butyl ether (MTBE)         ND         1.0         0.5           Methylene chloride         ND         1.0         0.5         n-Propyl benzene         ND         1.0         0.5           Styrene         ND         1.0         0.5         Tetrachloroethane         ND         1.0         0.5           1.1.2.2-Tetrachloroethane         ND         1.0         0.5         1.1.1.2-Tetrachloroethane         ND         1.0         0.5           1.2.4-Trichlorobenzene         ND         1.0		ND	1.0	0.5	1,1-Dichloroproper	ne		A			
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         Isopropylenzene         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         n-Propyl benzene         ND         1.0         0.5           Naphthalene         ND         1.0         0.5         n-Propyl benzene         ND         1.0         0.5           1.1,2,2-Tetrachloroethane         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         1.1,1,2-Tetrachloroethane         ND         1.0         0.5           1.1,2,2-Tetrachloroethane         ND         1.0		ND	1.0	0.5	trans-1,3-Dichloro	propene					
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         Isopropylenzene         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         ND         1.0         0.5         n-Propyl benzene         ND         1.0         0.5           Styrene         ND         1.0         0.5         n-Propyl benzene         ND         1.0         0.5           1.1,2.2-Tetrachloroethane         ND         1.0         0.5         Tetrachloroethane         ND         1.0         0.5           1.2,2-Tetrachloroethane         ND         1.0         0.5         Tetrachloroethane         ND         1.0         0.5           1.2,2-Trichlorobenzene         ND         1.0         0.5		ND	1.0	0.5	Ethylbenzene						
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         ND         1.0         0.5         n-Propyl benzene         ND         1.0         0.5           Styrene         ND         1.0         0.5         n-Propyl benzene         ND         1.0         0.5           1,1,2,2-Tetrachloroethane         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         1.2,3-Trichloroethane         ND         1.0         0.5           1,2,4-Trichlorobenzene         ND         1.0         0.5         Trichloroethane         ND         1.0         0.5           1,2,4-Trichloroethane         ND         1.0         <		ND	1.0	0.5	Freon 113						
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         ND         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           1,2,2-Tetrachloroethane         ND         1.0         0.5         Tetrachloroethane         ND         1.0         0.5           1,2,2-Tetrachloroethane         ND         1.0         0.5         1.1,1,2-Tetrachloroethane         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         1.2,3-Trichloropropane         ND         1.0         0.5           1,2,4-Trimethylbenzene         ND         1		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         ND         1.0         0.5         n-Propyl benzene         ND         1.0         0.5           Styrene         ND         1.0         0.5         n-Propyl benzene         ND         1.0         0.5           1,2,2-Tetrachloroethane         ND         1.0         0.5         Tetrachloroethane         ND         1.0         0.5           1,2,2-Tetrachloroethane         ND         1.0         0.5         Tetrachloroethane         ND         1.0         0.5           1,2,4-Trichlorobenzene         ND         1.0         0.5         Trichloroethane         ND         1.0         0.5           1,1,2-Trichloroethane         ND         1.0         0.5         Trichloroethane         ND         1.0         0.5           1,1,2-Trichloroethane         ND         1.0         0.5         Trichloroethane         ND         1.0         0.5           1,2,4-Trimethylbenzene         ND         1.0         0		ND	1.0	0.5	Isopropylbenzene						
Methylene chloride         ND         1.0         0.5         4-Methyl-2-pentanone (MIBK)         ND         1.0         0.5           Naphthalene         ND         1.0         0.5         n-Propyl benzene         ND         1.0         0.5           Styrene         ND         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           1,2,2-Tetrachloroethane         ND         1.0         0.5         Tetrachloroethane         ND         1.0         0.5           Toluene         ND         1.0         0.5         1.1,1-Trichloroethane         ND         1.0         0.5           1,2,4-Trichloroethane         ND         1.0         0.5         Trichloroethane         ND         1.0         0.5           1,1,2-Trichloroethane         ND         1.0         0.5         Trichloroethane         ND         1.0         0.5           1,2,4-Trimethylbenzene         ND         1.0         0.5         1.2,3-Trichloropropane         ND         1.0         0.5           1,2,4-Trimethylbenzene         ND         1.0         0.5 <td< td=""><td></td><td>ND</td><td>1.0</td><td>0.5</td><td></td><td></td><td></td><td></td><td>_</td></td<>		ND	1.0	0.5					_		
Naphthalene         ND         1.0         0.5         n-Propyl benzene         ND         1.0         0.5           Styrene         ND         1.0         0.5         n-Propyl benzene         ND         1.0         0.5           1.1,2.2-Tetrachloroethane         ND         1.0         0.5         1.1,1,2-Tetrachloroethane         ND         1.0         0.5           1.2.2-Tetrachloroethane         ND         1.0         0.5         Tetrachloroethane         ND         1.0         0.5           Toluene         ND         1.0         0.5         1.2,3-Trichloroethane         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         Trichloroethane         ND         1.0         0.5           1.1.2-Trichloroethane         ND         1.0         0.5         Trichloroethane         ND         1.0         0.5           1.2.4-Trimethylbenzene         ND         1.0         0.5         1.3,5-Trimethylbenzene         ND         1.0         0.5           1.2.4-Trimethylbenzene         ND         1.0         0.5<			1.0						_		
ND         1.0         0.5         1.1.1.2-Tetrachloroethane         ND         1.0         0.5           Styrene         ND         1.0         0.5         Tetrachloroethane         ND         1.0         0.5           1.1.2.2-Tetrachloroethane         ND         1.0         0.5         Tetrachloroethane         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           1.2.4-Trichloroethane         ND         1.0         0.5         Trichloroethane         ND         1.0         0.5           1.1.2-Trichloroethane         ND         1.0         0.5         Trichloroethane         ND         1.0         0.5           1.1.2-Trichloroethane         ND         1.0         0.5         1.2.3-Trichloropropane         ND         1.0         0.5           1.2.4-Trimethylbenzene         ND         1.0         0.5         Xylenes         ND         1.0         0.5           Vinyl Chloride         ND         1.0         0.5         Xylenes         ND </td <td></td> <td>ND</td> <td>1.0</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		ND	1.0								
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           1.2,4-Trichlorobenzene         ND         1.0         0.5         1.1,1-Trichloroethane         ND         1.0         0.5           1,1,2-Trichloroethane         ND         1.0         0.5         Trichloroethane         ND         1.0         0.5           1,2,4-Trimethvloenzene         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-Trimethvlbenzene         ND         1.0         0.5         Xylenes         ND         1.0         0.5           Vinvl Chloride         ND         1.0         0.5         Xylenes         ND         1.0         0.5           Surrogate Recoveries (%)         99         99         106         %SS2:         99 <td></td> <td>ND</td> <td>1.0</td> <td>0.5</td> <td>1.1.1.2-Tetrachlor</td> <td>oethane</td> <td></td> <td></td> <td></td>		ND	1.0	0.5	1.1.1.2-Tetrachlor	oethane					
Toluene         ND         1.0         0.5         1.2.3-Trichlorobenzene         ND         1.0         0.3           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         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           Vinvl Chloride         ND         1.0         0.5         Xylenes         ND         1.0         0.5           Surrogate Recoveries (%)           %SS1:         106         %SS2:         99         99		ND		0.5							
ND         1.0         0.5         1.1.1-Trichloroethane         ND         1.0         0.5           1.2.4-Trichloroethane         ND         1.0         0.5         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           Vinvl Chloride         ND         1.0         0.5         Xvlenes         ND         1.0         0.5           Surrogate Recoveries (%)           %SS1:         106         %SS2:         99		ND	1.0								
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         ND         1.0         0.5           Surrogate Recoveries (%)           %SS1:         106         %SS2:         99	1.2.4-Trichlorobenzene	ND	1.0			nane					
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         ND         1.0         0.5           Surrogate Recoveries (%)         99         99         99											
1,2,4-Trimethylbenzene         ND         1.0         0.5         1,3,5-Trimethylbenzene         ND         1.0         0.5           Vinvl Chloride         ND         1.0         0.5         Xvlenes         ND         1.0         0.5           Surrogate Recoveries (%)           %SS1:         106         %SS2:         99											
Vinvl Chloride         ND         1.0         0.5         1.4         1.0 <th1.0< th=""> <th1.0< th=""> <th< td=""><td></td><td></td><td></td><td></td><td></td><td>nzene</td><td></td><td></td><td></td></th<></th1.0<></th1.0<>						nzene					
%SS1: 106 %SS2: 99	Vinvl Chloride	ND ND					<u> </u>	1 1.0	<u> </u>		
%SSI:			Surro	ogate R							
	%SS1:				%SS2:			99			
	%\$\$3:		88								

\* 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.

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

%SS = Percent Recovery of Surrogate Standard

McCampbell An "When Ouality		<u>nc.</u>		Web: www.mccamp	ass Road, Pittsburg, CA bell.com E-mail: main 77-252-9262 Fax: 92	@mccampbell.com		
Conestoga-Rovers & Associates	Client	Project ID:	#581	000; Chiu	Date Sampled:	09/03/10		
					Date Received:	09/03/10		
5900 Hollis St, Suite A	Client	Contact: B	ryan l	Fong	Date Extracted:			
Emeryville, CA 94608	Client	P.O.:			Date Analyzed:	09/07/10		
	Volatile Orga	nics by P&	T and	I GC/MS (Basic Ta	arget List)*			
Extraction Method: SW5030B				d: SW8260B		Work Order: 1009	107	
	1			1009107	7-002B	· · · · ·		
Lab ID Client ID				1009107 		· · · · · · · · · · · · · · · · · · ·		
Matrix				Wat		· ·,· ···	,.	
		Penorting						Reporting
Compound	Concentration *		Limit	Compour		Concentration *	DF	Limit
Acetone	ND<250	25	10	tert-Amyl methyl e	ther (TAME)	ND<12		0.5
Benzene	320	25	0.5	Bromobenzene	_ ,	ND<12	25	0.5
Bromochloromethane	ND<12	25	0.5	Bromodichlorometh	lane	ND<12	25	0.5
Bromoform	ND<12	25	0.5	Bromomethane	<u>A</u> )	ND<12 ND<50	25 25	2.0
2-Butanone (MEK)	ND<50	25	2.0	t-Butyl alcohol (TB sec-Butyl benzene	A)	ND<30	25	0.5
n-Butyl benzene	15 ND<12	25	0.5	Carbon Disulfide		ND<12	25	0.5
tert-Butyl benzene	ND<12	25	0.5	Chlorobenzene		ND<12	25	0.5
Carbon Tetrachloride Chloroethane	ND<12	25	0.5	Chloroform		ND<12	25	0.5
Chloromethane	ND<12	25	0.5	2-Chlorotoluene		ND<12	25	0.5
4-Chlorotoluene	ND<12	25	0.5	Dibromochloromet	hane	ND<12	25	0.5
1.2-Dibromo-3-chloropropane	ND<5.0	25	0.2	1.2-Dibromoethane		ND<12	25	0.5
Dibromomethane	ND<12	25	0.5	1.2-Dichlorobenzen		ND<12	25	0.5
1.3-Dichlorobenzene	ND<12	25	0.5	1,4-Dichlorobenzen	ie	ND<12	25	0.5
Dichlorodifluoromethane	ND<12	25	0.5	1,1-Dichloroethane		ND<12	25	0.5
1,2-Dichloroethane (1,2-DCA)	ND<12	25	0.5	1,1-Dichloroethene		ND<12	25	0.5
cis-1,2-Dichloroethene	ND<12	25	0.5	trans-1,2-Dichloroe		ND<12	25	0.5
1.2-Dichloropropane	ND<12	25	0.5	1,3-Dichloropropar		ND<12	25	0.5
2.2-Dichloropropane	ND<12	25	0.5	1,1-Dichloroproper		ND<12	25	0.5
cis-1.3-Dichloropropene	ND<12	25	0.5	trans-1,3-Dichloro	propene	ND<12	25	0.5
Diisopropyl ether (DIPE)	ND<12	25	0.5	Ethylbenzene		140	25	0.5
Ethyl tert-butyl ether (ETBE)	ND<12	25	0.5	Freon 113		ND<250 ND<12	25 25	0.5
Hexachlorobutadiene	ND<12 ND<12	25	0.5	Hexachloroethane Isopropylbenzene		43	25	0.5
2-Hexanone	ND<12	25	0.5	Methyl-t-butyl ethe	er (MTBE)	ND<12	25	0.5
4-Isopropyl toluene Methylene chloride	ND<12 ND<12	25	0.5	4-Methyl-2-pentan		ND<12	25	0.5
Naphthalene	71	25	0.5	n-Propyl benzene		71	25	0.5
Styrene	ND<12	25	0.5	1,1,1,2-Tetrachlor	oethane	ND<12	25	0.5
1.1.2.2-Tetrachloroethane	ND<12	25	0.5	Tetrachloroethene		ND<12	25	0.5
Toluene	290	25	0.5	1,2,3-Trichloroben		ND<12	25	0.5
1,2,4-Trichlorobenzene	ND<12	25	0.5_	1,1,1-Trichloroeth	ane	ND<12	25	0.5
1,1,2-Trichloroethane	ND<12	2.5	0.5	Trichloroethene		ND<12	25	0.5
Trichlorofluoromethane	ND<12	25	0.5	1,2,3-Trichloropro		ND<12	25	0.5
1,2,4-Trimethylbenzene	570	25	0.5	1,3,5-Trimethylber	nzene	120	25	0.5
Vinvl Chloride	ND<12	25	0.5	Xvlenes			25	0.5
· · · · · · · · · · · · · · · · · · ·			gate <u>R</u>	ecoveries (%)				
%SS1:		104		%SS2:			98	
%SS3:		97			-			

\* 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.

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

%SS = Percent Recovery of Surrogate Standard

When Ouality Counts"					1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269					
Conestoga-Rovers & Associates	C	lient Pr	oject ID:	#5810	000; Chiu	Date Sampled:	09/03/10			
						Date Received: 09/03/10				
5900 Hollis St, Suite A		lient C	ontact:	Brvan I	Fong	Date Extracted:	09/09/10			
				<u></u>	<u> </u>	Date Analyzed:				
Emeryville, CA 94608		lient P.								
	Volatile	Organ	ics by Pð	&T and	GC/MS (Basic Ta	arget List)*				
Extraction Method: SW5030B			Analytic	al Metho	d: SW8260B		Work Order: 1009	107		
Lab ID					1009107	7-003B				
Client ID					MW	-3A				
Matrix		Water								
Compound	Concentra	tion *	DF	Reporting Limit	Compou	nd	Concentration *	DF	Reporting Limit	
Acetone	ND<25	00	250	10 tert-Amyl methyl ether (TAME)			ND<120	250	0.5	
Benzene		300	250	0.5	Bromobenzene		ND<120	250	0.5	
Bromochloromethane	_ND<1	20	250	0.5	Bromodichlorometh	nane	ND<120	250	0.5	
Bromoform	ND<1		250	0.5	Bromomethane		ND<120	250	0.5	
2-Butanone (MEK)	ND<5	00.	_250	2.0	t-Butyl alcohol (TB	<u>A)N</u>	D<500	250	2.0	
n-Butyl benzene	ND<1		250	0.5	sec-Butyl benzene		ND<120	$\frac{250}{-250}$	0.5	
tert-Butyl benzene	<u>ND&lt;1</u>		250	0.5	Carbon Disulfide	<u> </u>	ND<120	250	0.5	
Carbon Tetrachloride	ND<1		250	0.5	Chlorobenzene		<u>ND&lt;120</u> ND<120	250	0.5	
Chloroethane	<u>ND&lt;1</u>		250	0.5	Chloroform	ND<120	250	0.5		
Chloromethane	<u>ND&lt;1</u>		250	0.5	2-Chlorotoluene Dibromochloromet	hane	ND<120	250	0.5	
4-Chlorotoluene	ND<1		250	0.5 0.2	1.2-Dibromoethane		ND<120	250	0.5	
1,2-Dibromo-3-chloropropane	<u>ND&lt;</u>		<u>250</u> 250	0.2	1.2-Dichlorobenzei		ND<120	250	0.5	
Dibromomethane	ND<1		250	0.5	1.4-Dichlorobenzer		ND<120	250	0.5	
1,3-Dichlorobenzene Dichlorodifluoromethane	ND<1		250	0.5	1.1-Dichloroethane		ND<120	250	0.5	
1.2-Dichloroethane (1.2-DCA)	ND<1		250	0.5	1,1-Dichloroethene		ND<120	250	0.5	
cis-1,2-Dichloroethene	ND<1		250	0.5	trans-1,2-Dichloro		ND<120	250	0.5	
1.2-Dichloropropane	ND<1		250	0.5	1,3-Dichloropropa	ne	_ND<120	_250	0.5	
2.2-Dichloropropane	ND<1	20	250	0.5	1,1-Dichloroprope	ne	ND<120	250	0.5	
cis-1,3-Dichloropropene	ND<1	20	250	0.5	trans-1.3-Dichloro	propene	ND<120	250	0.5	
Diisopropyl ether (DIPE)	ND<	20	250	0.5	Ethylbenzene		1100	250	0.5	
Ethyl tert-butyl ether (ETBE)	ND<1		250	0.5	Freon 113		ND<2500	250	10	
Hexachlorobutadiene	ND<1		250	0.5	Hexachloroethane		ND<120	250	0.5	
2-Hexanone	<u>ND&lt;</u>		250	0.5	Isopropylbenzene		ND<120	250	0.5	
4-Isopropyl toluene	ND<		250	0.5	Methyl-t-butyl eth		<u>ND&lt;120</u> ND<120	250	0.5	
Methylene chloride	ND<1		250	0.5	4-Methyl-2-pentar		<u>ND&lt;120</u>	250	0.5	
Naphthalene		160	250	0.5	n-Propyl benzene		ND<120	250	0.5	
Styrene	<u>ND&lt;</u>		250 250	0.5	Tetrachloroethene		ND<120	250	0.5	
1.1.2.2-Tetrachloroethane		6500	250	0.5	1,2,3-Trichlorober		ND<120	250	0.5	
Toluene 1,2,4-Trichlorobenzene	ND<		250	0.5	1.1.1-Trichloroeth		ND<120	250	0.5	
1.1.2-Trichloroethane	ND<		250	0.5	Trichloroethene		ND<120	250	0.5	
Trichlorofluoromethane	ND<		250	0.5	1,2,3-Trichloropro	opane	ND<120	250	0.5	
1.2.4-Trimethylbenzene		580	250	0.5	1,3,5-Trimethylbe		130	250	0.5	
Vinyl Chloride	ND<	120	250	0.5	Xvlenes		5100	250	0.5	
			Surr	ogate R	ecoveries (%)		<u> </u>			
%SS1:		1	01		%SS2:			99		
%SS3:			37	_	<u> </u>					

\* 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.

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

%SS = Percent Recovery of Surrogate Standard

McCampbell Ar		<u>IC.</u>		Web: www.mccampl	ass Road, Pittsburg, CA bell.com E-mail: mair 77-252-9262 Fax: 92	n@inccampbell.com			
Conestoga-Rovers & Associates	Client P	roject ID:	#581	000; Chiu	Date Sampled:	09/03/10			
		•			Date Received: 09/03/10				
5900 Hollis St, Suite A	Client	Contact: P	mon	Fong	Date Extracted:				
		Contact: B	n yan i	rong					
Emeryville, CA 94608	Client P	2.0.:		· · · · · · · · · · · · · · · · · · ·	Date Analyzed:	09/07/10			
	Volatile Organ	ics by P&	T and	l GC/MS (Basic Ta	arget List)*				
Extraction Method: SW5030B		Analytica	l Metho	d: SW8260B	· .	Work Order: 1009	107		
Lab ID				1009107	'-004B				
Client ID				MW	-4				
Matrix		Water							
Compound	Concentration *							Reporting Limit	
Acetone	ND	1.0	10	tert-Amyl methyl ei	ther (TAME)	ND _	1.0	0.5	
Benzene	ND	1.0	0.5	Bromobenzene		ND	1.0	0.5	
Bromochloromethane	ND	1.0	0.5	Bromodichlorometh	ane	ND	1.0	0.5	
Bromoform	ND	1.0	0.5	Bromomethane		ND	1.0	0.5	
2-Butanone (MEK)	ND								
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 ND	1.0	0.5		
4-Chlorotoluene	ND	1.0 1.0				ND ND	1.0	0.5	
1.2-Dibromo-3-chloropropane Dibromomethane	ND ND	1.0	0.2	1.2-Dichlorobenzen		ND	1.0	0.5	
1.3-Dichlorobenzene	ND	1.0	0.5	1,4-Dichlorobenzen		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-Dichloroe	thene	ND	1.0	0.5	
1.2-Dichloropropane	ND	1.0	0.5	1.3-Dichloropropar		ND	1.0	0.5	
2,2-Dichloropropane	ND	1.0	0.5	1,1-Dichloroproper		ND	1.0	0.5	
cis-1,3-Dichloropropene	ND	1.0	0.5	trans-1.3-Dichloror	propene	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 ND	<u>1.0</u> 1.0	0.5	
2-Hexanone	ND	1.0	0.5	Isopropylbenzene Methyl-t-butyl ethe		ND ND	1.0	0.5	
4-Isopropyl toluene	ND ND	<u>1.0</u>	0.5	4-Methyl-2-pentan		ND ND	1.0	0.5	
Methylene chloride Naphthalene	ND	1.0	0.5	n-Propyl benzene		ND ND	1.0	0.5	
Styrene	ND	1.0	0.5	1,1,1,2-Tetrachloro	oethane	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-Trichloroben		ND	1.0	0.5	
1.2.4-Trichlorobenzene	ND	1.0	0.5	1,1,1-Trichloroeth	ane	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-Trichloropro		ND	1.0	0.5	
1.2.4-Trimethylbenzene	ND	1.0	0.5	1.3.5-Trimethylber	izene	ND	1.0	0.5	
Vinvl Chloride	ND	1.0	0.5	Xvienes		ND	1.0	0.5	
			gate R	ecoveries (%)					
%SS1:		98		%SS2:			96		
%\$\$3:		98							

\* 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.

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

%SS = Percent Recovery of Surrogate Standard

When Quality Counts"					Web: www.mccamp	ass Road, Pittsburg, CA bell.com E-mail: main 177-252-9262 Fax: 92	@mccampbell.com		
Conestoga-Rovers & Associates		Client P	roject ID:	#581	000; Chiu	Date Sampled:	09/03/10		
-			5			Date Received:	red: 09/03/10		
5900 Hollis St, Suite A		Client (	Contact:	Brvan I	Fong	Date Extracted:	09/07/10		
Emeryville, CA 94608		Client P	· · · · · · · · · · · · · · · · · · ·			Date Analyzed:	09/07/10		
	Volati	le Organ	ics by Pa	&T and	I GC/MS (Basic Ta	arget List)*			
Extraction Method: SW5030B	, 0,111				d: SW8260B	<i></i>	Work Order: 1009	0107	
Lab ID					1009107	7-005B			
Client ID	1				MW				
Matrix	+				Wa				
		Reporting Compound Concentration * DE						Reporting	
Compound	- <u></u>	tration *	DF	Limit	Compou	<u> </u>			Limit
Acetone	ND         1.0         10         tert-Amyl methyl ether (TAME)           ND         1.0         0.5         Bromobenzene				ther (TAME)	ND	1.0	0.5	
Benzene			1.0	0.5	Bromobenzene		ND ND	1.0	0.5
Bromochloromethane		1 <u>D</u>	1.0	0.5	Bromodichlorometh	nane	ND ND	1.0	0.5
Bromoform		1 <u>D</u>	1.0	0.5	Bromomethane t-Butyl alcohol (TB	(A)	ND ND	1.0	2.0
2-Butanone (MEK)		ID UD	1.0	0.5	sec-Butyl benzene	A)	ND ND	1.0	0.5
n-Butyl benzene		1D	1.0	0.5	Carbon Disulfide	· · · · · · · · · · · · · · · · · · ·	ND	1.0	0.5
tert-Butyl benzene Carbon Tetrachloride	ND         1.0         0.5         Carbon Disulfide           ND         1.0         0.5         Chlorobenzene				ND	1.0	0.5		
Chloroethane		ND 1.0 0.5 Chlorobenzene ND 1.0 0.5 Chloroform			7.2	1.0	0.5		
Chloromethane			1.0	0.5	2-Chlorotoluene		ND	1.0	0.5
4-Chlorotoluene	ND         1.0         0.5         2-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	1	٧D	1.0	0.5	1.4-Dichlorobenzer	ne	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)	1	VD	1.0	0.5	1,1-Dichloroethene		ND	1.0	0.5
cis-1.2-Dichloroethene		٧D	1.0	0.5	trans-1,2-Dichloro		ND	1.0	0.5
1.2-Dichloropropane		VD	1.0	0.5	1,3-Dichloropropa		ND	1.0	0.5
2,2-Dichloropropane		ND	1.0	0.5	1.1-Dichloroproper		ND	1.0	0.5
cis-1,3-Dichloropropene		<u>ND</u>	1.0	0.5	trans-1,3-Dichloro	propene	ND ND	1.0	0.5
Diisopropyl ether (DIPE)		<u>ND</u>	1.0	0.5	Ethylbenzene Freon 113		ND ND	1.0	10
Ethyl tert-butyl ether (ETBE)		<u>ND</u> ND	<u>1,0</u> 1,0	0.5	Hexachloroethane		ND ND	1.0	0.5
Hexachlorobutadiene		ND	1.0	0.5	Isopropylbenzene		ND ND	1.0	0.5
2-Hexanone 4-Isopropyl toluene		ND	1.0	0.5	Methyl-t-butyl eth	er (MTBE)	ND	1.0	0.5
Methylene chloride		ND	1.0	0.5	4-Methyl-2-pentar		ND	1,0	0.5
Naphthalene		ND	1.0	0.5	n-Propyl benzene		ND	1.0	0.5
Styrene		ND	1.0	0.5	1,1,1,2-Tetrachlor	oethane	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-Trichlorober	zene	ND	1.0	0.5
1,2,4-Trichlorobenzene		ND	1.0	0.5	1,1,1-Trichloroeth	ane	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-Trichloropro		ND	1.0	0.5
1.2.4-Trimethylbenzene							0.5		
Vinvl Chloride		ND	1.0	0.5	Xvlenes		ND	1.0	0.5
				ogate R	ecoveries (%)		-1		
%SS1:			<u>99</u>		%SS2:	······································		95	
<u>%8\$3:</u>		(	97						

\* 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.

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

%SS = Percent Recovery of Surrogate Standard

McCampbell An "When Ouality		<u>ıc.</u>		Web: www.mccamp	ass Road, Pittsburg, CA bell.com E-mail: main 77-252-9262 Fax: 92	@inccampbell.com			
Conestoga-Rovers & Associates	Client P	roject ID:	#581	000; Chiu	Date Sampled:	09/03/10			
					Date Received:	1: 09/03/10			
5900 Hollis St, Suite A	Client(	Contact: H	2m/an 1	Fong	Date Extracted:	09/07/10			
			51 yan 1	rong					
Emeryville, CA 94608	Client P	.0.:			Date Analyzed:	09/07/10			
	Volatile Organ	ics by Pð	T and	l GC/MS (Basic Ta	rget List)*				
Extraction Method: SW5030B		Analytic	al Metho	d: SW8260B		Work Order: 1009	107		
Lab ID				1009107	-006B			·	
Client ID				MW	-6				
Matrix		Water							
Compound	Concentration *	DF <sup>F</sup>	Reporting Limit	Compour	nd	Concentration *	DF	Reporting Limit	
Acetone	ND<500	50	10	tert-Amyl methyl e	ther (TAME)	ND<25	50	0.5	
Benzene	1500	50	0.5	Bromobenzene		ND<25	50	0.5	
Bromochloromethane	ND<25	50	0.5	Bromodichlorometh	ane	ND<25	50	0.5	
Bromoform	ND<25	50	0.5	Bromomethane		ND<25	50	0.5	
2-Butanone (MEK)	ND<100	50	2.0	t-Butyl alcohol (TB	A)N	D<100	50	2.0	
n-Butyl benzene	ND<25	50	0.5	sec-Butyl benzene		<u>ND&lt;25</u>	50	0.5	
tert-Butyl benzene	ND<25	50	0.5	Carbon Disulfide		ND<25	50	0.5	
Carbon Tetrachloride	ND<25	50	0.5	Chlorobenzene		ND<25	50	0.5	
Chloroethane	ND<25	50	0.5	Chloroform		ND<25	50	0.5	
Chloromethane	ND<25	50	0.5	2-Chlorotoluene		ND<25	50	0.5	
4-Chlorotoluene	ND<25	50	0.5	Dibromochloromet		ND<25	50	0.5	
1.2-Dibromo-3-chloropropane	ND<10	50	0.2	1.2-Dibromoethane		ND<25	<u>50</u>	0.5	
Dibromomethane	ND<25	50	0.5	1.2-Dichlorobenzen		ND<25	50	0.5	
1,3-Dichlorobenzene	ND<25	50	0.5	1.4-Dichlorobenzen		ND<25	50	0.5	
Dichlorodifluoromethane	ND<25	50	0.5	1.1-Dichloroethane		ND<25	50	0.5	
1,2-Dichloroethane (1,2-DCA)	ND<25	50	0.5	1.1-Dichloroethene		ND<25	<u>50</u> 50	0.5	
cis-1,2-Dichloroethene	ND<25	50	0.5	trans-1,2-Dichloroe		ND<25	50	0.5	
1.2-Dichloropropane	ND<25	50	0.5	1.3-Dichloropropar		ND<25			
2,2-Dichloropropane	ND<25	50	0.5	1,1-Dichloroproper		ND<25 ND<25	50 50	0.5	
cis-1,3-Dichloropropene	ND<25	50	0.5	trans-1,3-Dichloro	ropene	35	50	0.5	
Diisopropyl ether (DIPE)	ND<25	50	0.5	Ethylbenzene		33ND<500	50	10	
Ethyl tert-butyl ether (ETBE)	ND<25	50	0.5	Freon 113		ND<25	50	0.5	
Hexachlorobutadiene	ND<25ND<25	<u>50</u> 50	0.5	Hexachloroethane Isopropylbenzene	·	36	50	0.5	
2-Hexanone		50	0.5	Methyl-t-butyl etho		ND<25	50	0.5	
4-Isopropyl toluene	<u>ND&lt;25</u> ND<25	50	0.5	4-Methyl-2-pentan		ND<25	50	0.5	
Methylene chloride	130 ND<23	50		n-Propyl benzene		80	50	0.5	
Naphthalene	ND<25	50	0.5	1,1,1,2-Tetrachlor	oethane	ND<25	50	0.5	
Styrene	ND<25	50	0.5	Tetrachloroethene		ND<25	50	0.5	
1,1,2,2-Tetrachloroethane Toluene	33	50	0.5	1,2,3-Trichloroben		ND<25	50	0.5	
1,2,4-Trichlorobenzene	ND<25	50	0.5	1,1,1-Trichloroeth		ND<25	50	0,5	
1,1,2-Trichloroethane	ND<25	50	0.5	Trichloroethene		ND<25	_50	0.5	
Trichlorofluoromethane	ND<25	50	0.5	1,2,3-Trichloropro	pane	ND<25	50	0.5	
1.2.4-Trimethylbenzene	ND<25	50	0.5	1.3.5-Trimethylber		ND<25	50	0.5	
Vinvl Chloride	ND<25	50	0.5	Xvlenes		79	50	0.5	
		Surro		ecoveries (%)					
%SS1:		97		%SS2:			96		
%\$\$3:		98							
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.

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

%SS = Percent Recovery of Surrogate Standard

McC	Campbell Analyt		1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269					
Conestoga-Rove	ers & Associates	Client Project ID:	D: #581000; Chiu Date Sampled: 09/					
6000 Hall:- 94 9	wite A			Date Receive	ed: 09/	03/10		
5900 Hollis St, S	uite A	Client Contact: B	ryan Fong	Date Extracted: 09/07/10-09/08/10				
Emeryville, CA 9	4608	Client P.O.:		Date Analyze	ed 09/	07/10-0	9/08/10	
Extraction method SW		0 (	atile Hydrocarbons as G	asoline*	Wo	rk Order:	1009107	
Lab ID	Client ID	Matrix	TPH(g)		DF	% SS	Comments	
001A	MW-1	W	ND		1 .	102		
002A	MW-2	w	9500		50	107	d1	
003A	MW-3A	W	35,000		50	101	d1	
004A	MW-4	W	ND		1	97		
005A	MW-5	W	ND		1	103		
006A	MW-6	W	4600		10	113	d1	
	· · · · · · · · · · · · · · · · · · ·							
	· ·							
			·					
			· · ·					
	······································		· · ·					
	rting Limit for DF =1;	W	50			μg/	L	
	eans not detected at or ve the reporting limit	S	NA	···-		NÄ	1	

\* water and vapor samples are reported in ug/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:

Angela Rydelius, Lab Manager

d1) weakly modified or unmodified gasoline is significant

DHS ELAP Certification 1644

	Campbell Analyti "When Ouality Counts"	<u>cal, Inc.</u>	Web: www.mccam	Pass Road, Pitts pbell.com E-n 877-252-9262	ail: main(	@mccampt	ell.com	
Conestoga-Ro	overs & Associates	Client Projec	t ID: #581000; Chiu	Date Sam	pled:	09/03/1	0	
5900 Hollis St	Suite A			Date Rece	eived: 09/03/10			
		Client Conta	act: Bryan Fong	Date Extr	acted:	09/03/1	0	
Emeryville, CA	A 94608	Client P.O.:		Date Ana	lyzed	09/04/1	0	
Extraction method			Hydrocarbons with Silica Ge	el Clean-Up <sup>*</sup>		Work Ord	er: 1009107	
Lab ID	Client ID	Matrix	TPH-Diesel (C10-C23)		DF	% SS	Comments	
1009107-001A	MW-1	W	ND		1	103	· · · · · · · · · · · · · · · · · · ·	
1009107-002A	MW-2	w	1500		1	104	e4	
1009107-003A	MW-3A	·· ··· w ·····			·1 · ·	-104	e4 -	
1009107-004A	MW-4	w	ND		1	118		
1009107-005A	MW-5	w	ND		1	80		
1009107-006A	MW-6	w	710		1	114	e4	
							· · · · · · · · · · · · · · · · · · ·	
						·		
					<u> </u>			
				-				
							ļ	
				·				
	orting Limit for DF =1; neans not detected at or	W	50		<u> </u>		g/L	
	ove the reporting limit	S	NA			ז 	√A	

\* 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/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:

e4) gasoline range compounds are significant.

DHS ELAP Certification 1644

Angela Rydelius, Lab Manager



"When Ouality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269

#### QC SUMMARY REPORT FOR SW8260B

BatchID: 52944 WorkOrder 1009107 QC Matrix: Water W.O. Sample Matrix: Water Spiked Sample ID: 1009107-005B EPA Method SW8260B Extraction SW5030B Acceptance Criteria (%) LCS LCSD LCS-LCSD MS-MSD MSD Sample Spiked MS Analyte RPD MS / MSD RPD LCS/LCSD % RPD % Rec. % Rec. % RPD % Rec. % Rec. µg/L µg/L 70 - 130 30 ND 10 92.3 92.9 0.662 88.7 92.9 4.63 70 - 130 30 tert-Amyl methyl ether (TAME) 70 - 130 30 70 - 130 30 111 0 104 110 5.85 10 111 Benzene ND 70 - 130 30 70 - 130 30 89 2.69 92.4 0.103 86.6 t-Butyl alcohol (TBA) ND 50 92.5 70 - 130 30 1.21 99.8 105 4.89 70 - 130 30 10 103 104 Chlorobenzene ND 70 - 130 30 70 - 130 30 0 95.8 100 4.25 1,2-Dibromoethane (EDB) ND 10 102 102 0.897 103 109 5.19 70 - 130 30 70 - 130 30 113 10 112 1,2-Dichloroethane (1,2-DCA) ND 70 - 130 30 89.4 93.8 4.81 70 - 130 30 ND 10 95 96.4 1.53 1,1-Dichloroethene 30 30 70 - 130 111 4.61 70 - 130 10 116 116 0 106 ND Diisopropyl ether (DIPE) 4.93 70 - 130 30 0.0286 103 108 70 - 130 30 Ethyl tert-butyl ether (ETBE) ND 10 110 111 70 - 130 30 4.34 30 0.407 107 112 70 - 130 10 118 117 Methyl-t-butyl ether (MTBE) ND 1.36 101 105 4.40 70 - 130 30 70 - 130 30 104 102 ND 10 Toluene 103 108 5.01 70 - 130 30 70 - 130 30 ND 10 111 112 0.729 Trichloroethene 30 100 100 70 - 130 30 70 - 130 99 25 99 98 0.755 0 %SS1: 70 - 130 30 98 98 70 - 130 30 95 25 94 96 1.72 0 %SS2: 30 70 - 130 30 94 1.18 102 102 0 70 - 130 %SS3: 97 2.5 93 All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

				5 - F			
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1009107-001B	09/03/10 10:57 AM	09/07/10	09/07/10 3:29 PM	1009107-002B	09/03/10 8:42 AM	09/07/10	09/07/10 5:25 PM
1009107-003B	09/03/10 7:48 AM	09/09/10	09/09/10 3:44 PM	1009107-004B	09/03/10 4:54 AM	09/07/10	.09/07/10 6:54 PM
1009107-005B	09/03/10 5:47 AM	09/07/10	09/07/10 5:28 PM	1009107-006B	09/03/10 6:44 AM	09/07/10	09/07/10 6:12 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.

DHS ELAP Certification 1644

K QA/QC Officer



#### <u>McCampbell Analytical, Inc.</u>

"When Ouality Counts"

 1534 Willow Pass Road, Pittsburg, CA 94565-1701

 Web: www.mccampbell.com
 E-mail: main@mccampbell.com

 Telephone: 877-252-9262
 Fax: 925-252-9269

#### QC SUMMARY REPORT FOR SW8021B/8015Bm

WorkOrder 1009107 QC Matrix: Water BatchID: 52911 W.O. Sample Matrix: Water Spiked Sample ID: 1009053-001A EPA Method SW8021B/8015Bm Extraction SW5030B LCS-LCSD MS-MSD LCS LCSD Acceptance Criteria (%) MSD Sample Spiked MS Analyte % RPD MS / MSD RPD LCS/LCSD RPD % RPD % Rec. % Rec. % Réc % Rec µg/L µg/L 70 - 130 20 TPH(btex<sup>f</sup> ND 60 93.3 91.5 1.92 97.9 90.7 7.61 70 - 130 2.0 70 - 130 20 70 - 130 20 114 3.22 108 108 0 ND 10 111 MTBE 70 - 130 20 70 - 130 20 99.5 95.8 3.76 10 97.5 96 1.57 Benzene ND 70 - 130 70 - 130 20 99.1 1.85 99.9 97.3 2.58 20 10 97.3 Toluene ND 20 70 - 130 20 70 - 130 96.9 1.70 99.2 97 2.17 ND 10 98.6 Ethylbenzene 1.73 102 99.8 1.81 70 - 130 20 70 - 130 20 30 101 99 7 ND **Xylenes** 20 70 - 130 20 95 94 0.845 70 - 130 %SS: 97 10 95 95 0 All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

BATCH 52911 SUMMARY Date Extracted Date Analyzed Date Analyzed Lab ID Date Sampled Lab ID Date Sampled Date Extracted 09/07/10 10:59 PM 09/03/10 8:42 AM 09/07/10 09/03/10 10:57 AM 09/08/10 09/08/10 2:27 AM 1009107-002A 1009107-001A 09/08/10 5:05 PM 1009107-004A 09/03/10 4:54 AM 09/08/10 09/07/10 11:32 PM 1009107-003A 09/03/10 7:48 AM 09/07/10

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.

DHS ELAP Certification 1644

K QA/QC Officer



"When Ouality Counts"

BatchID: 52940

#### QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Water

QC Matrix: Water

er ·

WorkOrder 1009107

EPA Method SW8021B/8015Bm	Extraction SW5030B Spiked Spik								piked San	ed Sample ID: 1009119-001A			
A	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)		
Analyte	µg/L	µg/L	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD	
rpH(btex <sup>f</sup>	ND	60	98.4	99.1	0.741	96.5	100	3.96	70 - 130	20	70 - 130	20	
MTBE	ND	10	119	120	0.798	111	117	5.43	70 - 130	20	70 - 130	20	
Benzene	ND	10	108	111	2.30	111	108	2.53	70 - 130	20	70 - 130	20	
Toluene	ND	10	97.3	98.9	1.62	99.2	96.1	3.16	70 - 130	20	70 - 130	20	
Ethylbenzene	ND	10	95.9	97.1	1.22	98.3	95.1	3.30	70 - 130	20	70 - 130	20	
Xylenes	ND	30	108	109	0.886	110	107	2.92	70 - 130	20	70 - 130	20	
%SS:	104	10	105	102	2.40	105	109	3.52	70 - 130	20	70 - 130	20	

			<u>BATCH 52940 SL</u>				
Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1009107-005A	09/03/10 5:47 AM	09/08/10	09/08/10 2:57 AM	1009107-006A	09/03/10 6:44 AM	09/08/10	09/08/10 2:14 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.

£ 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.

DHS ELAP Certification 1644

AK\_\_\_\_\_ QA/QC Officer



1534 Willow Pass Road, Pittsburg, CA 94565-1701 Web: www.mccampbell.com E-mail: main@mccampbell.com Telephone: 877-252-9262 Fax: 925-252-9269

#### QC SUMMARY REPORT FOR SW8015B

WorkOrder 1009107 BatchID: 52941 QC Matrix: Water W.O. Sample Matrix: Water Spiked Sample ID: N/A EPA Method SW8015B Extraction SW3510C/3630C LCS LCSD LCS-LCSD Acceptance Criteria (%) MS-MSD Sample Spiked MS MSD Analyte % RPD MS / MSD RPD LCS/LCSD RPD % Rec. % Rec. % Rec % Rec. % RPD µg/L µg/L 30 70 - 130 1000 N/A N/A N/A 107 106 1.22 N/A N/A N/A TPH-Diesel (C10-C23) N/A 70 - 130 30 119 118 0.965 N/A N/A N/A N/A %SS: N/A 625 All target compounds in the Method Blank of this extraction batch were ND less than the method RL with the following exceptions: NONE

#### BATCH 52941 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1009107-001A	09/03/10 10:57 AM	09/03/10	09/04/10 3:20 PM	1009107-002A	09/03/10 8:42 AM	09/03/10	09/04/10 2:02 PM
1009107-003A	09/03/10 7:48 AM	09/03/10	09/04/10 7:12 PM	1009107-004A	09/03/10 4:54 AM	09/03/10	09/04/10 11:31 AM
1009107-005A	09/03/10 5:47 AM	09/03/10	09/04/10 12:46 PM	1009107-006A	09/03/10 6:44 AM	09/03/10	09/04/10 2:02 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 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.

QA/QC Officer

DHS ELAP Certification 1644

Water Examplest         NA         1         BDC-24-0500         NH15902-M           Subscitut Site Mark Bits         Decadar Site Mark Bits	A	· *	VON-HAZARDOUS	1. Generator ID Number		2. Page 1 of	3. Emergency Response	e Phone	4. Waste T	fracking Nu	mber			
CHILDRANLAND BROUTALLES IS, BUTE A BROUTALLES IS,	Ť	1		N/A		1	800-424-9300	NH1						
Bender Woll, Lis ST, SUTTE A     BURERWILL, CA SARGE     SUL 422 (2000     Los ST, BURER     SUL		F		ng Address										
EHERVILLE, DA 34665 UNALVAL, CA 44807 ULS, EN ANAMERY C - Proving Variage Bars ULS, EN ANAMERY ULS, EN ANAMER				SUITE A										
		E	EMERYVILLE, CA	94608		OAKLAND, C	A 9460	17						
ENVROCHMENTAL LOGISTICS, INC       CAROUZ17613         7. Instruction 2 Generative Name       U.S. EPAIL District ACCOUNT A														
	Ì								1		640			
Logenzate Pails (see Und Pails (see Und Pails 2000)     Poil (Control Additional Pails (see Und Pails 2000)     See Pail (see Pails 2000)     See Pails (see Und Pails 2000)     See Pails (see Pails 2000)     See	(Constanting										513			
180 WEST MONTE AVENUE       ULILADZAMADIS         FIALTO, CARE 2021 O USA       II. Construe       II. Take of Designer, New Biology Name and Designer, Designer, Designer, Designer, Designer, Des									0.0. EI NID	Tauribei				
180 WEST MONTE AVENUE       ULILADZAMADIS         FIALTO, CARE 2021 O USA       II. Construe       II. Take of Designer, New Biology Name and Designer, Designer, Designer, Designer, Designer, Des		8. De	esignated Facility Name and	d Site Address					U.S. EPA ID	Number				
RNATO: CA 92316 USA         Institution: Procession of the strategy of the end of asystem         Institution: Procession of the strategy of the end of asystem         Image: Procession of the end of asystem         Image: Procesin Contrendend of the end of asystem									CAD	082444	481			
9       Wate Bipping Name and Description       12. Collattree       11. Tail       12. Collattree         1       NON-DOT REGULATED MATERIAL (Mon-Hazardous Water)       1       DM       5.5       G         2       Non-DOT REGULATED MATERIAL (Mon-Hazardous Voter)       1       DM       5.5       G         2       Non-DOT REGULATED MATERIAL (Mon-Hazardous Soil)       2       DM       14.000       P         3       Special Reveals (Month Jones and Addemail Information       2       DM       14.000       P         4       -       -       -       -       -       -       -         4       -       -       -       -       -       -       -         5       Special Reveals (Month Jones and Addemail Information       -       -       -       -       -         4       -		F	RIALTO, CA 92316	S USA										
P. Wate stepping ferre and Decorption     No.     Pype     Opening     WUXe       I     NON+DOT REGULATED MATERIAL (Non-Hazardous Water)     1     DM     5.5     G       2     NON+DOT REGULATED MATERIAL (Non-Hazardous Soli)     2     DM     V400     P       3     -     -     -     -     -     -       4     -     -     -     -     -     -       5     -     -     -     -     -     -       4     -     -     -     -     -     -       5     Specie Handling Interviews and Additional Information     -     -     -     -       8     10: Specie Handling Interviews and Additional Information     -     -     -     -       8     11: Specie Handling Interviews and Additional Information     -     -     -     -       98:2) 120:52:208 Non-Hazardous Soli     ERG: N/A 1X \$     S     WEAR APPROPRIATE PPE     R/V # 13980-H       6     Media Stepping Informa     -     -     -     -       7     Autor Resolution Information     -     -     -     -       8     Merch Entry No.     Merch Entry No.     -     -     -       98:2) 120:52:08 Non-Hazardous Matoria     -		Facili	ity's Phone: 800-698-4	4377							,			
I - INON-DOT REGULATED MATERIAL (Non-Hazardous Water)     1 DM \$5 G     Construction			9. Waste Shipping Name	and Description					-					
NON-DOT REGULATED MATERIAL (Non-Hazardous Soli)     2 DM 1/400 P      4      4      5     5     6     6     6     7		N	1 NON BOT OF					Type		Wt./Vol.				
	ЧÖ		I NON-DOT REG	BULATED MATERIAL	(Non-Hazardous Wate	er)	1	DM	55	G				
	RAT													
	ENE		2. NON-DOT REG	ULATED MATERIAL	(Non-Hazardous Soil)			L.Y.L.	LUAD	D				
4.         13. Senda Heading Inductions and Additional Information         981) 12052207 Non-Hazandous Water         PRESIDENT Constructions and Additional Information         982) 12052208 Non-Hazandous Water         ERGENCY RESPONSE CHEMTREC 1-800-424-9300         CCN6068232         14. GBIERATORS CERTIFICATION: Lowly the meaning december december and subject to leadent regulations for reporting proper depend of Hazardous Wester.         Centers/Voltors' Press/ provide the meaning december decem	5 1				. (1997) 1 1995 1997 1997 1997 1997 1997 1997 19		4	1711AI	1700	٣				
4.         13. Senda Heading Inductions and Additional Information         981) 12052207 Non-Hazandous Water         PRESIDENT Constructions and Additional Information         982) 12052208 Non-Hazandous Water         ERGENCY RESPONSE CHEMTREC 1-800-424-9300         CCN6068232         14. GBIERATORS CERTIFICATION: Lowly the meaning december december and subject to leadent regulations for reporting proper depend of Hazardous Wester.         Centers/Voltors' Press/ provide the meaning december decem														
13. Special Hendleg Instructions and Additoral Information         981) 12052207 Non-Hazardous Water ERG: N/A 1X 55         9B2) 12052208 Non-Hazardous Water ERG: N/A 2X55         EMERGENCY RESPONSE CHEMTREC 1-800-424-9300 CCN668232         14. GENERATION'S CERTIFICATION: Long't the materials desorbed above on this manifest are pai selept to deviael equilations for reporting proper decosat of Rezadous Water.         Control of SERTIFICATION: Long't the materials desorbed above on this manifest are pai selept to deviael equilations for reporting proper decosat of Rezadous Water.         The materials desorbed above on this manifest are pai selept to deviael equilations for reporting proper decosat of Rezadous Water.         The materials desorbed above on this manifest are pai selept to deviael equivalence.         The materials desorbed above on this manifest are pai selept to deviael equivalence.         Signature         More the deviael devia deviael deviael deviael deviael deviael deviael dev			3.						1					
13. Special Hendleg Instructions and Additoral Information         981) 12052207 Non-Hazardous Water ERG: N/A 1X 55         9B2) 12052208 Non-Hazardous Water ERG: N/A 2X55         EMERGENCY RESPONSE CHEMTREC 1-800-424-9300 CCN668232         14. GENERATION'S CERTIFICATION: Long't the materials desorbed above on this manifest are pai selept to deviael equilations for reporting proper decosat of Rezadous Water.         Control of SERTIFICATION: Long't the materials desorbed above on this manifest are pai selept to deviael equilations for reporting proper decosat of Rezadous Water.         The materials desorbed above on this manifest are pai selept to deviael equilations for reporting proper decosat of Rezadous Water.         The materials desorbed above on this manifest are pai selept to deviael equivalence.         The materials desorbed above on this manifest are pai selept to deviael equivalence.         Signature         More the deviael devia deviael deviael deviael deviael deviael deviael dev	ANY NUMBER OF													
13. Special Hendleg Instructions and Additoral Information         981) 12052207 Non-Hazardous Water ERG: N/A 1X 55         9B2) 12052208 Non-Hazardous Water ERG: N/A 2X55         EMERGENCY RESPONSE CHEMTREC 1-800-424-9300 CCN668232         14. GENERATION'S CERTIFICATION: Long't the materials desorbed above on this manifest are pai selept to deviael equilations for reporting proper decosat of Rezadous Water.         Control of SERTIFICATION: Long't the materials desorbed above on this manifest are pai selept to deviael equilations for reporting proper decosat of Rezadous Water.         The materials desorbed above on this manifest are pai selept to deviael equilations for reporting proper decosat of Rezadous Water.         The materials desorbed above on this manifest are pai selept to deviael equivalence.         The materials desorbed above on this manifest are pai selept to deviael equivalence.         Signature         More the deviael devia deviael deviael deviael deviael deviael deviael dev		19. 2295. 1896 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 199 1896 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 - 1996 -												
981) 12052207 Non-Hazardous Water       ERG: N/A 1X 55       WEAR APPROPRIATE PPE       INV # 13962-N         982) 12052208 Non-Hazardous Soli       ERG: N/A 2X 55       EMERGENCY RESPONSE CHEMTREC 1-800-424-9300       CCM608232         14. GENERATOR'S CERTIFICATION: Loatily the materials described above on the manifest are pd subject to federal regulations for reporting proper disposit of Hazedous Waste.       Month       Day         15. International Statistics       Import to U.S.       Export from U.S.       Port of entry/solt:       Month       Day       Year         15. International Statistics       Import to U.S.       Export from U.S.       Port of entry/solt:       Month       Day       Year         16. International Statistics       Import to U.S.       Export from U.S.       Date saving U.S:       1.5														
981) 12052207 Non-Hazardous Water       ERG: N/A 1X 55       WEAR APPROPRIATE PPE       INV # 13962-N         982) 12052208 Non-Hazardous Soli       ERG: N/A 2X 55       EMERGENCY RESPONSE CHEMTREC 1-800-424-9300       CCM608232         14. GENERATOR'S CERTIFICATION: Loatily the materials described above on the manifest are pd subject to federal regulations for reporting proper disposit of Hazedous Waste.       Month       Day         15. International Statistics       Import to U.S.       Export from U.S.       Port of entry/solt:       Month       Day       Year         15. International Statistics       Import to U.S.       Export from U.S.       Port of entry/solt:       Month       Day       Year         16. International Statistics       Import to U.S.       Export from U.S.       Date saving U.S:       1.5														
982) 12052208 Non-Hazerdous Soil       ERG: NA 2 x 5 5         EMERGENCY RESPONSE CHEMTREC 1-800-424-9300 CCN868232         14. GENERATOR'S CENTRECATION: Locally the materials described above on this manifest are pot subject to foderal regulations for reporting proper disposal of Hazerdous Waste.         Generator's Control Scientification of tools of the materials described above on this manifest are pot subject to foderal regulations for reporting proper disposal of Hazerdous Waste.         The international Stephane         Month         Month         Transporter's Grantare diversity for Materials         Month         Its international Stephane         Month         Month         Transporter's Grantare diversity for Materials         Month	ALC: NOT THE OWNER OF THE OWNER OWNER OF THE OWNER OF THE OWNER OF THE OWNER OWNER OF THE OWNER	13. 8	Special Handling Instruction	ns and Additional Information				L						
EMERGENCY RESPONSE CHEMTREC 1-800-424-9300 CCN668232         14. GENERATOR'S CERTIFICATION: Loarity the matriadia described above on this marilest are pt subject to foderal regulations for reporting proper disposal of Hozzadous Waste.         A GENERATOR'S CERTIFICATION: Loarity the matriadia described above on this marilest are pt subject to foderal regulations for reporting proper disposal of Hozzadous Waste.         A GENERATOR'S CERTIFICATION: Loarity the matriadia described above on this marilest are pt subject to foderal regulations for reporting proper disposal of Hozzadous Waste.         International Singfinons         International Provide Internatina Provide International Provide International						WEAR	APPROPRIATE F	PE	INV # 13962	2-N				
14. BENERATOR'S CERTIFICATION: Learly the materials described above on this manifest are not subject to federal regulations for reporting groper disposal of Hazardous Waste.       Month       Day       Year         14. BENERATOR'S CERTIFICATION: Learly the materials described above on this manifest are not subject to federal regulations for reporting groper disposal of Hazardous Waste.       Month       Day       Year         14. Identificational Singhtens       Import to U.S.       Export from U.S.       Port of entry/exit:	No. of Lot of Lo	9	B2) 12052208 Nor	n-Hazardous Soil I	ERG: N/A 2X55									
14. BENERATOR'S CERTIFICATION: Learly the materials described above on this manifest are not subject to federal regulations for reporting groper disposal of Hazardous Waste.       Month       Day       Year         14. BENERATOR'S CERTIFICATION: Learly the materials described above on this manifest are not subject to federal regulations for reporting groper disposal of Hazardous Waste.       Month       Day       Year         14. Identificational Singhtens       Import to U.S.       Export from U.S.       Port of entry/exit:	-													
14. BENERATOR'S CERTIFICATION: Learly the materials described above on this manifest are not subject to federal regulations for reporting groper disposal of Hazardous Waste.       Month       Day       Year         14. BENERATOR'S CERTIFICATION: Learly the materials described above on this manifest are not subject to federal regulations for reporting groper disposal of Hazardous Waste.       Month       Day       Year         14. Identificational Singhtens       Import to U.S.       Export from U.S.       Port of entry/exit:		<b>5</b>	MEDOCHOW OF O											
Generation's/Offenor's Printed/Typed Name       As AdSELVT PDP Signature       Month       Day       Year         15. International Silphfunts       Import to U.S.       Export from U.S.       Port of entrylexit:														
15. International Singlemis       Import to U.S.       Export from U.S.       Port of entrylexit:         Transporter Signature (for exports only);       Date leaving U.S.:       Import of Bacept of Materials         Transporter Acknowledgment of Receipt of Materials       Signature       Month       Day         Transporter 2 Printed/Typed Name       Signature       Month       Day       Year         17. Discrepancy       Information Space       Quantity       Type       Residue       Partial Rejection       Fruit Rejection         17. Discrepancy       Information Space       Quantity       Type       Residue       Partial Rejection       Fruit Rejection         17. Atternate Facility (or Generator)       U.S. EPA ID Number       U.S. EPA ID Number       Import Signature       Month       Day       Year         18. Designated Facility Owner or Operator: Partification of receipt of materials covered by the manifest except as noted in Item 17a       Month       Day       Year         18. Designated Facility Owner or Operator: Partification of receipt of materials covered by the manifest except as noted in Item 17a       Month       Day       Year         18. Designated Facility Owner or Operator: Partification of receipt of materials covered by the manifest except as noted in Item 17a       Month       Day       Year         18. Designated Facility Owner or Operator: Partification o				ped Name	A A A F A			reporting pi	roper disposal of H	iazardous W		h Dav	Voar	
18. Transporter Acknowledgment of Receipt of Materials         Transporter Acknowledgment of Receipt of materials covered by the manifest except as noted in Item 17a         Thrace Facility Owner or Operator: Partification of receipt of materials covered by the manifest except as noted in Item 17a         Printed/Typed Name       Month         To Signature       Month	- Mar.	$\checkmark$	ANDREN	RENSHAN	A HID-M	4ki Ai	, A		~ KZ	$\geq$			7	
18. Transporter Acknowledgment of Receipt of Materials         Transporter Acknowledgment of Receipt of materials covered by the manifest except as noted in Item 17a         Thrace Facility Owner or Operator: Partification of receipt of materials covered by the manifest except as noted in Item 17a         Printed/Typed Name       Month         To Signature       Month	4	15. ln	iternational Shipments			Export from L	P. Dort of on	tu davit.	V				15	
18. Transporter Acknowledgment of Receipt of Materials         Transporter Acknowledgment of Receipt of Materials         Transporter 2 Printed/Typed Name         Month       Day         Year         Signature       Month         Month       Day         Year         Signature       Month         Month       Day         Year         Month       Day         Year <th>IN I</th> <td>Trans</td> <td>sporter Signature (for expor</td> <td></td> <td></td> <td>схрон ной о</td> <td></td> <td>•</td> <td></td> <td></td> <td></td> <td></td> <td></td>	IN I	Trans	sporter Signature (for expor			схрон ной о		•						
17. Discrepancy         17a. Discrepancy Indication Space       Quantity       Type       Residue       Partial Rejection         17b. Alternate Facility (or Generator)       Manifest Reference Number:       U.S. EPA ID Number         17b. Alternate Facility (or Generator)       U.S. EPA ID Number         Facility's Phone:       Nonth       Day         17c. Signature of Alternate Facility (or Generator)       Month       Day         18. Designated Facility Owner or Operator:       Derification of receipt of materials covered by the manifest except as noted in Item 17a         Printed/Typed Name       Stgnature       Month       Day         Year       Stgnature       Stgnature	ЩШ	16. Ti	ransporter Acknowledgmen	nt of Receipt of Materials				<i></i>						
17. Discrepancy         17a. Discrepancy Indication Space       Quantity       Type       Residue       Partial Rejection         17b. Alternate Facility (or Generator)       Manifest Reference Number:       U.S. EPA ID Number         17b. Alternate Facility (or Generator)       U.S. EPA ID Number         Facility's Phone:       Nonth       Day         17c. Signature of Alternate Facility (or Generator)       Month       Day         18. Designated Facility Owner or Operator:       Derification of receipt of materials covered by the manifest except as noted in Item 17a         Printed/Typed Name       Stgnature       Month       Day         Year       Stgnature       Stgnature	THC	Trans	I F			Sigr		/	7/		Mont			
17. Discrepancy         17a. Discrepancy Indication Space       Quantity       Type       Residue       Partial Rejection         17b. Alternate Facility (or Generator)       Manifest Reference Number:       U.S. EPA ID Number         17b. Alternate Facility (or Generator)       U.S. EPA ID Number         Facility's Phone:       Nonth       Day         17c. Signature of Alternate Facility (or Generator)       Month       Day         18. Designated Facility Owner or Operator:       Derification of receipt of materials covered by the manifest except as noted in Item 17a         Printed/Typed Name       Stgnature       Month       Day         Year       Stgnature       Stgnature	Sp	<u>X</u> 0				/		1/	HC.	·····	5			
17. Discrepancy         17a. Discrepancy Indication Space       Quantity       Type       Residue       Partial Rejection         17b. Alternate Facility (or Generator)       Manifest Reference Number:       U.S. EPA ID Number         17b. Alternate Facility (or Generator)       U.S. EPA ID Number         Facility's Phone:       Nonth       Day         17c. Signature of Alternate Facility (or Generator)       Month       Day         18. Designated Facility Owner or Operator:       Derification of receipt of materials covered by the manifest except as noted in Item 17a         Printed/Typed Name       Stgnature       Month       Day         Year       Stgnature       Stgnature	RAN	Hans	sporter 2 Printed/Typed Nar	me		Siğr I	ature				Mont I	h Day	Year	
17a. Discrepancy Indication Space       Quantity       Type       Residue       Partial Rejection         Manifest Reference Number:       U.S. EPA ID Number         17b. Alternate Facility (or Generator)       U.S. EPA ID Number         Facility's Phone:       Internate Facility (or Generator)       Month       Day         17c. Signature of Alternate Facility (or Generator)       Month       Day       Year         18. Designated Facility Owner or Operator:       Cartification of receipt of materials covered by the manifest except as noted in Item 17a         Printed/Typed Name       Signature       Month       Day       Year         Signature       Signature       Month       Day       Year	۲- ۱	17 0	iscranapov											
Image: Control of the control of th												7		
17b. Atternate Facility (or Generator)       U.S. EPA ID Number         Facility's Phone:	-		, ,	L Quantity	Ц Туре		Residue		L_ Partial Rej	jection		Full Rejection	on	
17b. Atternate Facility (or Generator)       U.S. EPA ID Number         Facility's Phone:							Manifest Reference N	himbor.						
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a         Printed/Typed Name       Month Day Year         Stignature       Month Day Year         5       25	۲	17b, /	Alternate Facility (or Genera	ator)			manifor indender		U.S. EPA ID	Number				
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a         Printed/Typed Name       Month Day Year         Stignature       Month Day Year         5       25	GE												e.	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a         Printed/Typed Name       Month Day Year         Stignature       Month Day Year         5       25	2 FA										J.			
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a         Printed/Typed Name       Month Day Year         Stignature       Month Day Year         5       25	TEL	17c. S	Signature of Alternate Facili	ity (or Generator)							Monti	n Day	Year	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a         Printed/Typed Name       Month Day Year         Stignature       Month Day Year         5       25	GNZ	<u></u>						hay be have been also			Constantion for the Constant of the	1		
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a         Printed/Typed Name       Month Day Year         Stignature       Month Day Year         5       25	Т S Ш													
Printed/Typed Name Steven Mosters Signature Month Day Year 5/25/12														
Printed/Typed Name Steven Mosters Signature Month Day Year 5/25/12		18 0	esignated Explicity Owner or	Operator Portification of	int of matarials associate by the	unifect course '	as poted in them 47.					- 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 101 - 1 		
Seven Mar 205 33 12				operator: pertitication of rece	apr or materials covered by the m							n Dair	Vear	
	-allfor			Speren	Masters	ပျ	and C		TW			125 1		
	്ച ടെറ	-Bir	-0 5 11977 (Rav		······································								10	

	8											
*	NON-HAZARDOUS	1. Generator ID Number		2. Page 1 of	3. Emergenc	y Response	e Phone	4. Waste T	racking Nur	nber		
	WASTE MANIFEST	N/A		1	800-42		- ///		079-N	4		-
	5. Generator's Name and Mailir	ng Address			Generator's	Site Addres	s (if different ti	nan mailing addr	ess)			1
	5900 HOLLIS ST, S	SUITE A					IN STRE					1
	EMERYVILLE, CA			4	OAK	LAND, C	CA 94607					1
	Generator's Phone: 510-	420-0700										1
	6. Transporter 1 Company Nam							U.S. EPA ID	Number			1
1	ENVIRONMENTAL	LOGISTICS, INC						CAR	0002178	513	1	Ê
	7. Transporter 2 Company Nam	ne						U.S. EPA ID	Number		1	
											f f	
	8. Designated Facility Name an	nd Site Address		6				U.S. EPA ID	Number		1	
	180 WEST MONTE	VG SERVICES, INC.						CAD	982444	181		
and and	RIALTO, CA 9231											
	Facility's Phone: 800-698-	4377						1				1
	Facility's Phone:					10. Cont	ainore					-
	9. Waste Shipping Name	e and Description				No.		11. Total Quantity	12. Unit Wt./Vol.			
	1	and is a second to be assessed to				10.04959	Туре	Quantity	-			_
BR	- NON-DOT RE	GULATED MATERIA	L (Non-Hazardous Wa	ter)		2	DM	75	G			
ATC							3	12				
LER								С. 1.			Adding the	
GENERATOR	2											
Ĩ			1									
			/									
-	3.						ъ					
	4.							8	-			14
		e							· · · · ·			
									3			
	13. Special Handling Instruction	ons and Additional Information	£	(m)	- 2/7	N					× .	
	981) 12052207 No	on-Hazardous Water	ERG: N/A (2XS	> WEAR	APPROP	RIATE	PPE \	NO # 1079	-14			
			1. The second									
						1						
	EMERGENCY RES	SPONSE CHEMTRE	C 1-800-424-9300 CC	N668232								
	14. GENERATOR'S CERTIFIC	CATION: I certify the materials	described above on this manifes	st are not subied	ct to federal re	oulations fo	r reporting pro	per disposal of I	- Hazardous W	laste.	11 <sub>15</sub>	_
	Generator's/Offeror's Printed/T			-	gnature	$\sim$	L.L			Month	Day Yea	ar
	OLNE	EPR YAN AS I	Abent for CHIN-OI	MAAND .	(	Ch	124	and the second		06	08 12	
-	15. International Shipments						$\left( \right)$			0.0	-0	
INT'L	2.5	Import to U.S.	L	Export from	U.S.	Port of e						_
-	Transporter Signature (for expo 16. Transporter Acknowledgme	and an and a second		1.1	-	Date lea	ving U.S.:					-
TER	Transporter 1 Printed/Typed N			Qi	gnature	and the second se	and the second se			Month	Day Ye	ar
OR	MT AUN	SODON		1	griature	Vocipi	hr )			1061	08 1/ 7	27
<b>VSP</b>	Transporter 2 Printed/Typed Na	1			14	S Charge	er ur				Deu Ve	P
TRANSPORTER	mansporter 2 Printed/Typed Na	ane		50	gnature	1				Month	Day Yea	a
F	Parameter and a second second second							51				
1	17. Discrepancy	1000 100 7 100						4		9		
	17a. Discrepancy Indication Sp	Dace Quantity	Туре			esidue		Partial Re	ejection	🗌 Fi	III Rejection	
		0.007 (A) 6.00 <b>7</b> 07							3 <b>5</b> 00 210 A 806		. /	2.1
				ň	Manifest	Reference	Number:					
Ł	17b. Alternate Facility (or Gene	erator)						U.S. EPA ID	Number			
FACILITY												
FA	Facility's Phone:											
	17c. Signature of Alternate Fac	cility (or Generator)			Sec.	1				Month	Day Ye	ear
NAT												
SIG						12 2		AND DESIGN	-			
DESIGNATED												
I												
	18. Designated Facility Owner	or Operator: Certification of re	eceipt of materials covered by the	e manifest exce	ot as noted in	tem 17a						-
	Printed/Typed Name	e. operation continuation of the	see.p. or materials develop by the		gnature	asin i'u				Month	Day Ye	ear
V				1								
1		0/001					_		DIGIO			
16	9-BLC-0 5 11977 (Rev	/. 8/06)					G	ENERATO	H'S/SH	<b>IPPER'S INI</b>	HAL CO	PY

1

ENVIROPMENTAL LOCASTICS P.O. Box 806, Colton, CA 92324 info@environmentallogistics.org (888) 641-3940 Generator: CHIU-OAKLAND Job Address: 800 FRANKLIN STREET City/St/Zip: OAKLAND. CA 94607 Site Contact: OLIVER YAN Phone: 916-919-0467 P.O. #: 40-4049124	Ad City/3 Cc		J OAKLAND 0 HOLLIS ERYVILLE	Prep C/O CONEST STREET, SI CA 94608	Page: Date: les Rep: ared By:	1079 N 1 of 1 06 08 12 CW 11440 5000 RS & ASSOCIATES
Manifest/BOL	3 E . [	Quai	ntity	F	late	Total
P/U 2 X 55 NON HAZ WATER TO FRS	NH1079-N	2 X Quar	55	7	late	Total
Equipment/Qutside Services		0.00	a di da s			Total
Equipment/Outside Services		Quai	ntity	F	late	Total
STOP CHARGE Position Personnel						Total
Position Personnel Oniver alter Sopon	Start Arrive	Depart ILIIO	End	Straight	Overtime	Total
Description of Work:						

PLEASE MEET OLIVER YAN ONSITE AT 2:00PM TO GET ACCESS TO

DRUMS AND HE WILL SIGN THE PAPERWORKHII

It is the generator's responsibility to correctly identify chemical composition. If the material is rejected by the disposal site, the generator agrees to pay all testing, disposal, and transportation charges. In the event of any litigation arising from this agreement, the prevailing party is entitled to reasonable attorney's fees, expenses, and costs. Invoice subject to a 1.5% monthly interest rate on past due amount. Your signature acknowledges that you have read the state required notifications on the back of this document and that you are duly authorized to bind your company for the above services and associated cost.

A Contraction of the second seco	
Company Name:	
(configurationers à dissolitates	
Client Signature:	
Chip	4114
Printed Name and Title:	14
CLIVER YAN, FROMKIST	A STATE

APPENDIX I

DWR WELL COMPLETION REPORTS

# CONFIDENTIAL

## STATE OF CALIFORNIA DWR WELL COMPLETION REPORT (WELL LOGS)

## REMOVED