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Environmental Health



Phone: 925-226-5845 Fax: 623-869-1566 jeff.brown@safeway.com

May 26, 2011

Ms. Barbara Jakub, P.G. Hazardous Materials Specialist Alameda County Environmental Health Department 1131 Harbor Bay Parkway, Suite #250 Alameda, California 94502

RE:

UST AND HYDRAULIC HOIST REMOVAL REPORT FORMER CLAREMONT 76 GASOLINE STATION

6201 CLAREMONT AVENUE (CLAREMONT AT COLLEGE)

OAKLAND, CALIFORNIA

Dear Ms. Jakub:

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

If you have any questions or need additional information, please call me at (925) 226-5845.

Sincerely,

Jeffrey Brown, CIH

Director, Environmental Affairs

Attachment - May 26, 2011 Tetra Tech GEO UST and Hydraulic Hoist Removal Report



May 26, 2011

P \PROJECTS\Safeway\117-4704104 01(ClaremontUSTPull)\Report\USTandHydraulicHoistRemovalReport doc

Mr. Billy Eister
Construction Project Manager
Safeway Inc.
Northern California Division
7301 C Greenback Lane
Citrus Heights, California 95621-5530

RE: UST AND HYDRAULIC HOIST REMOVAL REPORT

FORMER 76 GASOLINE STATION

6201 CLAREMONT AVENUE (CLAREMONT AT COLLEGE)

OAKLAND, CALIFORNIA

Dear Mr. Eister:

This report documents the removal of two gasoline underground storage tanks (USTs) and two underground hydraulic hoists at the former Union 76 gasoline station site located at 6201 Claremont Avenue in Oakland, California, now owned by Safeway Inc. (the Site). The field work was performed from March 29 through April 29, 2011. The USTs were removed on April 6, 2011 with oversight provided by Oakland Fire Department, Hazardous Materials Inspector (Mr. Keith Matthews). No indication of a release from the USTs was detected. The two hoists were also removed on April 6, 2011 and no indication of a release from the hoists was detected. UST piping was removed on April 13, 2011 with oversight provided by Oakland Fire Department, Hazardous Materials Inspector (Ms. Sheryl Skillern). No indication of a release from the UST piping or dispensers was detected.

Groundwater was not encountered during the UST and hoist removals, and as a result confirmation sampling consisted of collecting and analyzing soil samples only. The maximum depth of excavation was about 16 feet below ground surface. On-site monitoring wells (constructed and monitored by others) document the depth to groundwater is approximately 22 to 23 feet below ground surface.

The UST excavations and piping trenches were backfilled and resurfaced with asphalt. The hydraulic hoist excavations inside the service station building were backfilled to grade and not resurfaced. Field work was completed on April 29, 2011 with repair and reinstallation of the pre-existing perimeter security fence.

Supporting documentation is attached, as follows:

Attachment A	Photographic Log
Attachment B	Figure 1 and Table 1
Attachment C	Laboratory Analytical Data Sheets and COC Forms
Attachment D	Documentation for Concrete Recycling
Attachment E	Documentation for Disposal/Recycling of USTs and Rinsate
Attachment F	Documentation for Disposal/Recycling of Hoists and
	Hydraulic Oil
Attachment G	Documentation for Imported Fill Material
Attachment H	Compaction Report
Attachment I	Approved UST Removal Permit, City of Oakland Fire
	Department and Alameda County Public Works GeoProbe
	Boring Permit

A chronology of events is presented below, followed by a discussion of field conditions observed, soil sample results and disposal documentation. A photographic log documenting field conditions is provided in Attachment A.

Chronology of Field Events

- March 28 The excavation contractor, Complete Environmental Solutions (CES), mobilizes to the site.
- March 29 Breaking concrete atop UST pit (25 feet by 35 feet) and around both hoists (6 feet by 6 feet); processing rebar from concrete and stockpiling.

 Processed concrete was transported to County Quarry in Martinez for recycling. Metal from the project was transported to Alco Iron & Metal in San Leandro for recycling.
- March 30 Begin excavation of pea gravel from UST pit, exposing top of each tank at 5.5 feet below grade. Exposed electrical conduits and conveyance pipe exiting tank pit to both islands. Removed all piping and conduit within tank pit.

The UST nearest the station building was originally referred to as 12,000-gallon (12K) super unleaded UST (26-foot long by 10-foot diameter). Tank farthest away was referred to as 15,000-gallon (15K) regular unleaded UST (30-foot long by 10-foot diameter). Both tanks are fiberglass coated steel. No odor or indication of a fuel release was noted in the tank pit. Tank volumes, calculated based on actual dimensions, are 15K for the super unleaded UST and 20,000 gallons (20K) for the regular unleaded.

Stockpiling pea gravel overburden in southern tip of site, on plastic sheeting. Loading out concrete from site in debris boxes. Received UST removal permit from City of Oakland Fire Department Hazardous Materials Inspector Keith Matthews. Scheduled tank pull for April 6 with Mr. Matthews.

- Further excavation of pea gravel from pit, in preparation for tank pull. UST rinsing subcontractor EnviroServ on-site to perform triple rinse of both tanks using steam cleaner and vacuum truck. Used 5-gallons of ZEP Purple degreaser and several gallons of Simple Green while cleaning tanks. CES added a 20-pound can of compressed carbon dioxide (CO2) gas to each tank for initial purge. Will add two more 20-pound cans to each tank prior to removal, just before adding dry ice (150 pounds for the 15K and 200 pounds for the 20K UST). The UST rinsate was transported under manifest to Demenno Kerdoon in Compton, California for disposal. Secured site until April 6.
- April 6 Inerted both tanks with additional CO2 compressed gas (60 pounds added in total to each UST), and dry ice (10 pounds per 1,000 gallons of capacity). Lower explosion limit (LEL) tested at 0% for the 15K UST and 4% for the 20K UST, just prior to removal, and was approved by City of Oakland Fire Department Hazardous Materials Inspector Keith Matthews. Lifted each UST from the excavation using a crane, and hoisted each UST up and over the station building to awaiting flatbed trucks staged in the adjacent Safeway parking lot. No groundwater entered the excavation, which extended to approximately 15 feet below grade. Some water was present in the excavation from dust control measures performed during the washing down of the concrete surface during excavation work leading up to the UST removal. Groundwater was not present in the excavation, as depth to

groundwater water is reportedly at least 6 feet deeper than the excavation. Concrete tie-down pad for the USTs was left in the hole (approximately 15 to 16 feet below grade). The tanks were transported to US Ecology in Richmond, California for processing and recycling. Fire Department Hazardous Materials Inspector during tank pull: Keith Matthews.

Excavation sidewalls began to cave and undermine surrounding concrete following UST removal, as pea gravel was originally used to backfill south, west and east of the tank pit. This condition prevented the collection of confirmation soil samples from USTs at the time of removal. Discussed collecting samples with GeoProbe after backfill of the excavation. Approach was approved by Fire Department Hazardous Materials Inspector Keith Matthews.

Pulled both hoists from the ground from inside the service station building, and collected confirmation soil samples from 8 feet in depth at the base of each hoist using a small backhoe. The total depth of each hoist excavation extended to 8 feet below grade. Both hoist units were self-contained steel units, coated in fiberglass. The internal hydraulics were actuated by air pressure from a single ¼-inch air line to each unit. No indication of a release to soil was observed. The hoists were transported to Alco Iron & Metal for recycling. The hoist oil, drained into the adjacent Dyno pit (lined with plastic and granular absorbent), was placed in two 55-gallon drums. Less than 10 gallons of hoist oil was recovered from each hoist. The hoist oil and sorbant was subsequently combined with the UST rinsate prior to transporting to Demenno Kerdoon in Compton, California for disposal.

Sampled pea gravel overburden at the Fire Department Inspector's request (Keith Matthews) and analyzed the two samples in preparation for reuse of the pea gravel as backfill in the excavation.

April 7 CES prepared the excavation for backfilling. Removed additional 5 feet of concrete to the south and west of the tank pit, and approximately another 2 feet along the north wall. Removed an approximate 15-foot by 15-foot section of concrete to the east to make an access ramp to the pit to aid in backfilling.

April 8

CES began backfilling; leveled out pea gravel in base, applied geofabric and a layer of 6-inch base rock to stabilize excavation base. Added pea gravel overburden back into excavation to a depth of 4 feet below grade, mixing in with sidewall soil, compacting with remote control roller, and capped with geo fabric. Geotechnical subcontractor Cornerstone Environmental on-site performing compaction testing. Achieved 90% relative compaction in 1-foot lifts up to 4 feet below grade. No soil or pea gravel was transported off-site.

April 11

CES continued backfilling, using approximately 164 tons of clean virgin import (3/4-inch minus quarry fines) from Stevens Creek Quarry in Cupertino, California. Compacted in 1-foot lifts, initially with remote control roller, then with standard drum roller once excavation was at 2 feet below grade. Finished backfill to grade. Cornerstone Environmental on-site performing compaction testing in 1-foot lifts. Achieved 95% relative compaction from 4 feet below grade to surface.

April 12 Broke and processed concrete from atop conveyance pipe runs to pump islands.

April 13

Collected confirmation soil samples at 5 feet in depth (2 feet into native soil) from beneath dispensers and conveyance pipe runs (Figure 1). Pea gravel fill extended to 3 feet in depth, with piping located at 2 feet in depth. Dispenser pan bases were located 2 feet below grade. Fire Department Hazardous Materials Inspector Sheryl Skillern observed the sampling and approved the sample locations (4 dispenser island samples and 3 pipe run samples). Removed the double wall conveyance and return piping, and backfilled dispenser islands and pipe trenches. Excavated and removed both UST vent pipes, and backfilled trench. Site buttoned up, off-hauled piping, other fiberglass debris, and UST collars for disposal as general construction debris.

April 15

Collected UST confirmation soil samples using a GeoProbe drill rig.

Collected 6 samples from the UST pit at 18 feet below grade (both ends of each tank, and middle of each tank), 2-feet into native soil (Figure 1). Pea gravel extended to approximately 16 feet below grade. No indication of a release to soil was noted during the sampling.

April 21 CES resurfaced the UST backfilled areas with asphalt.

April 29 CES made final repairs to the perimeter site fence (re-stretched chain link). Field work complete.

Field Observations

<u>UST Removals</u>

As noted above, the USTs were covered with and surrounded by pea gravel backfill. The pea gravel overlying the USTs was excavated and stockpiled on-site for later re-use as backfill material. No sign of a petroleum release to the pea gravel backfill was noted. The fiberglass-coated steel USTs appeared in good condition, with no obvious signs of damage. City of Oakland Fire Department Hazardous Materials Inspector Keith Matthews requested that the pea gravel be sampled prior to re-use as backfill. As a result, Tetra Tech GEO collected two 4-point composite grab soil samples from the stockpiled pea gravel (one composite sample per 100 cubic yards of material) for laboratory analysis of total petroleum hydrocarbons in the gasoline, diesel fuel and motor oil ranges (TPHg, TPHd and TPHo, respectively); LUFT 5 metals; and volatile organic compounds (VOCs). No significant soil impact was found (see Table 1). The laboratory results were provided to Inspector Keith Matthews prior to backfilling. The pea gravel was later used to backfill a portion of the UST excavation.

Following UST removal, pea gravel sloughed into the excavation from three of the sidewalls. The north sidewall remained intact and vertical, and consisted of fine-grained sediments. Boring logs prepared for existing wells MW-1, MW-2 and MW-3 by others (presented in a September 12, 2008 *Site Conceptual Model* report by Delta Consultants, Inc.) describe soil conditions as consisting of alternating sequences of sandy silt and silt with sand (ML), and coarser grained silty sand (SM) to 30 feet in depth.

As a result of the pea gravel sloughing, confirmation soil samples could not be collected using the excavator at the time of the UST removals. Confirmation soil samples were collected using a direct-push Geoprobe drill rig after the excavation backfill was completed. No indication of a release of petroleum hydrocarbons was noted during the UST removal activities or Geoprobe sampling. A copy of the Alameda County Public Works permit for the Geoprobe borings is provided in Attachment I.

Following backfilling, the surface was paved with asphalt.

Piping Removal

The piping appeared in good condition when removed, with no indication of staining or a release. The piping was present within a pea gravel backfill at a depth of approximately 2 feet below grade. The pea gravel extended to approximately 3 feet below grade. Soil samples were collected 2 feet into native soil as required by the Fire Department Hazardous Materials Inspector; the samples were therefore collected at 5 feet below grade using a slide hammer fitted with new brass sleeves. The slide hammer was decontaminated with warm water and Liquinox and rinsed between samples. A total of four dispenser island soil samples and three pipe run samples were collected, as described above (April 13 description) and as shown on Figure 1.

The piping runs were backfilled with the pea gravel and resurfaced at the same time as the UST excavation.

Hoist Removals

The hoists appeared in good shape when removed, with no indication of staining or a release. The two hoist removal areas were backfilled and compacted to grade. The two areas were not covered with asphalt because the hoist removal areas are located inside the service station building, protected from rainfall.

Sampling Methods and Laboratory Sample Results

UST confirmation soil samples were collected just off the edges of the tie-down slab, as noted above, using a direct-push Geoprobe rig. Soil samples were collected by driving a 2.5-inch diameter rod fitted with an acetate liner into the soil in 4-foot intervals to the target sample depth. The soil samples were collected by removing the acetate sample sleeve, cutting and capping the 6-inch sample interval tube, and placing the tube into a chilled cooler for hand delivery to the laboratory. Figure 1 shows the soil sample locations and depths, and Table 1 presents the laboratory analytical results. The figure and table are presented in Attachment B. A copy of the laboratory analytical data sheets and chain of custody forms are provided in Attachment C. As shown in Table 1, no significant soil impact was found, consistent with field observations. No TPHg, TPHo or BTEX compounds were detected in the samples. A single TPHd detection showed 1.3 mg/kg, with all other TPHd results non-detect. The metals concentrations were consistent between samples and are well below screening level criteria.

The piping soil samples were collected at 5 feet below grade using a slide hammer fitted with new brass sleeves. The slide hammer was decontaminated with warm water and Liquinox and rinsed between samples. As shown in Table 1, sample results show that TPHg, TPHd, TPHo and BTEX compounds were all non-detect, and metals concentrations were well below corresponding screening criteria.

Hydraulic hoist confirmation soil samples were collected at 8 feet in depth (base of each hoist) by excavating with the small backhoe to 8 feet in depth. Soil from the target sample depth was hand removed from the excavator bucket and placed into a glass jar. The glass jar was labeled, placed into a chilled cooler, and hand delivered to the laboratory. As shown in Table 1, no significant soil impact was found beneath the hydraulic hoists, consistent with field observations. Low detections of TPHd, TPHo, and hydraulic oil were reported, however all concentrations were less than screening criteria. The TPHd, TPHo and hydraulic oil samples did not undergo the silica gel cleanup step at the laboratory, and therefore the reported TPH concentrations may be an over-estimate of actual field conditions. The metals concentrations were all less than screening criteria.

Disposal Documentation

Broken concrete generated and removed from the site was transported to County Quarry Products in Martinez and Steven Creek Quarry in Cupertino for recycling. Bill of Ladings are provided in Attachment D.

The two USTs were transported to US Ecology in Richmond, California for processing and recycling. A copy of the two transport manifests is provided in Attachment E. The UST rinsate volume was small, and was therefore transferred from the tanker truck to a tote for transport and disposal at Demenno Kerdoon in Compton, California as a non-RCRA hazardous waste liquid. A copy of the manifest is provided in Attachment E.

The two hydraulic hoists, along with other scrap metals, were transported to Alco Iron & Metal for processing and recycling. A copy of the Bill of Lading is provided in Attachment F. A copy of the manifest for disposal of the hydraulic oil and absorbent is provided in Attachment F. The oil and sorbent were subsequently combined with the UST rinsate for disposal as a single waste stream under one manifest at Demenno Kerdoon (Attachment F).

A total of 20 tons of crushed rock was used to stabilize the base of the excavation, and a total of 164.8 tons of imported backfill material (3/4-inch quarry fines) from Stevens Creek Quarry in Cupertino, California was used to backfill the upper 4 feet of the excavation. Copies of weight tags documenting the source and amount of import backfill material used is provided in Attachment G.

Backfill was compacted to achieve 90% relative compaction below 4 feet in depth, and 95% relative compaction above 4 feet in depth. Backfill was compacted in 1-foot lifts above 4 feet in depth. A copy of the compaction report documenting compaction achieved is provided in Attachment H.

Summary

The two USTs and associated piping, and two hydraulic hoists, were successfully removed and properly handled and disposed with agency oversight provided by City of Oakland Fire Department Hazardous Materials Inspectors. No release was discovered. A copy of the UST removal permit approval is provided in Appendix I.

An electronic copy of this report, with attachments, will be uploaded to the Alameda County Environmental Health Department's FTP site, as well as to the State's GeoTracker website, as required.

Conclusion

No indication of a release of petroleum hydrocarbons was noted during the field activities, or from the laboratory analytical results.

Please contact Tim Costello at (916) 853-4584 (direct), or tim.costello@tetratech.com with any questions.

Sincerely,

Tetra Tech GEO

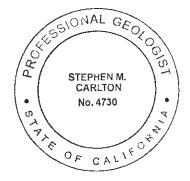
Tim Costello Senior Scientist

Associate

Keith Hoofard

Senior Geologist





Principal Hydrogeologist

cc: Keith Matthews, City of Oakland Fire Dept. (CD) <u>kmatthews@oaklandnet.com</u>
Todd Paradis, Safeway Inc. (CD) <u>todd.paradis@safeway.com</u>
Jeff Brown, Safeway Inc. (CD) <u>jeff.brown@safeway.com</u>

Uploads to:

ACEH FTP Site SWRCB GeoTracker Site

Attachments:

- A Photographic Log
- B Figure 1 and Table 1
- C Laboratory Analytical Data Sheets and COC Forms
- D Documentation for Concrete Recycling
- E Documentation for Disposal/Recycling of USTs and Rinsate
- F Documentation for Disposal/Recycling of Hoists and Hydraulic Oil
- G Documentation for Imported Fill Material
- H Compaction Report
- I Approved UST Removal Permit, City of Oakland Fire Department and Alameda County Public Works GeoProbe Boring Permit

Attachment A
Photographic Log



PHOTO 1: Breaking and removing concrete slab from atop UST pit, looking east-northeast. Area measures 25' wide by 35' long.



PHOTO 3: UST vent pipes day-lighting at northwest corner of station building. Vent pipes are double contained at the 90-degree transition from below grade to above grade.



PHOTO 2: Staging area in southern tip of Site, for temporary storage of pea gravel from UST excavation.



PHOTO 4: Concrete demolished around west hoist inside station building.

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UST and Hoist Removal 6201 Claremont Avenue Berkeley, California





PHOTO 5: Breaking concrete around east hoist.



PHOTO 7: Loading processed concrete into debris bin.



PHOTO 6: Processed concrete debris staged in the northeast tip of Site.



PHOTO 8: Concrete demolition completed around both hoists.

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PHOTO 9: Air line exposed to east hoist.



PHOTO 11: One of two single-wall fiberglass UST vent lines removed in northwest corner of UST pit.



PHOTO 10: Beginning excavation of pea gravel in northwest corner of the UST pit.



PHOTO 12: Pump and drop pipe assembly removed from 20K regular unleaded UST.

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UST and Hoist Removal 6201 Claremont Avenue Berkeley, California



PHOTO 13: Electrical conduits exposed in northeast corner of UST pit, just above the 15K super unleaded UST.



PHOTO 15: EnviroServ vacuum tanker truck on site for steam cleaning of both USTs (triple rinse).



PHOTO 14: Overview of partially excavated UST pit, looking west-southwest. 15K super unleaded UST is on the right; 20K regular unleaded UST is on the left.



PHOTO 16: EnviroServ steam cleaning unit.

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PHOTO 17: Steam cleaning 20K UST from fill end of tank.



PHOTO 19: Product piping, return piping, and conduits heading to two dispensers along Claremont Avenue (pumps 1 through 4). Product and return piping is dual-wall fiberglass.



PHOTO 18: Steam clean rinsate vacuum recovery from pump end of UST.



PHOTO 20: Product piping, return piping, and conduits heading to two dispensers along College Avenue (Pumps 5 through 8).

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UST and Hoist Removal 6201 Claremont Avenue Berkeley, California





PHOTO 21: Detergent used during UST steam cleaning (5 gallons in total for both USTs). Four gallons of Simple Green was also used. (2-gallons per UST).



PHOTO 23: MicroGasAlert 5 meter used for monitoring air conditions and UST atmosphere during Site work. The 10 ppm PID reading is residual from having just been used inside the 15K UST.



PHOTO 22: RAE System hand pump and benzene colorimetric tubes used for air monitoring during UST work.



PHOTO 24: Adding 20 lbs of CO2 gas to 15K UST following triple rinse for preliminary tank inerting. A total of 60 lbs of CO2 gas was added to each tank, followed by dry ice, ust before removal.

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UST and Hoist Removal 6201 Claremont Avenue Berkeley, California



PHOTO 25: One 20-pound cylinder of compressed CO2 gas.



PHOTO 27: Approximately 200 cubic yards of pea gravel overburden covered with plastic.



PHOTO 26: Overview of exposed fiberglass-coated steel USTs looking south. Near tank is 15K super unleaded. Top of tanks is roughly 6 feet below grade. Four straps on each tank.



PHOTO 28: Overview of 25' x 35' UST pit being cordoned off with orange construction fencing.

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UST and Hoist Removal 6201 Claremont Avenue Berkeley, California



PHOTO 29: East hoist removed.



PHOTO 31: Looking at vent pipes in northwest corner of tank pit.



PHOTO 30: Draining hydraulic fluid from east hoist. Drainage basin was created in former dynamometer pit, using plastic sheeting and granular absorbent.



PHOTO 32: Setting up crane remove USTs,

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PHOTO 33: Picking 15K UST from pit .



PHOTO 35: Lifting 15K UST over station building to awaiting flat-bed transport trailer.



PHOTO 34: Raising 15K UST to clear station building.



PHOTO 36: Setting down 15K UST on transport trailer.

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PHOTO 37: Freeing east end of 20K UST before pick. 200 lbs of dry ice was added before pick, preceded by 60 lbs of compressed CO2 gas.



PHOTO 39: Clearing the station building with 20K UST.



PHOTO 38: Picking 20K UST.



PHOTO 40: Both USTS loaded.

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PHOTO 41: Excavating to base of east hoist (8 feet) for confirmation soil sample.



PHOTO 43: Base of hoists – east hoist on the left, after draining. West hoist on the right, before draining.



PHOTO 42: Pulling west hoist. Both hoists were fiberglass coated steel units, with no indication of leaks.



PHOTO 44: UST pit after tanks removed. Note pea gavel which has sloughed in from west end of excavation.

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UST and Hoist Removal 6201 Claremont Avenue Berkeley, California



PHOTO 45: Adding pea gravel on top of fabric on west end of excavation.



PHOTO 47: Adding base rock and second layer of pea gravel.



PHOTO 46: Compacting first layer of pea gravel on top of fabric.



PHOTO 48: Compacting pea gravel with remote control vibrating compactor.

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UST and Hoist Removal 6201 Claremont Avenue Berkeley, California



PHOTO 49: Compacting clean import fill above 4-feet.



PHOTO 51: Compaction testing during backfill. 90% relative compaction achieved below 4 feet. 95% relative compaction achieved 0-4 feet (in one foot lifts).



PHOTO 50: Hoists wrapped in plastic for off-site transport.



PHOTO 52: Compacting upper lifts with wheeled compactor.

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UST and Hoist Removal 6201 Claremont Avenue Berkeley, California



PHOTO 53: Product lines (x2) and return line to Dispenser #1 (Pumps 1 and 2) to the left, and Dispenser #2 (Pumps 3 and 4) to the right. Piping set at 2 feet bgs, with pea gravel extending to 3 feet bgs.



PHOTO 55: Hoist areas after removal and backfilling.



PHOTO 54: Product lines (x2) and return line to Dispenser #3 (Pumps 5 and 6) in background and Dispenser #4 (Pumps 7 and 8) in foreground.



PHOTO 56: Removing both vent lines along west side of station building. No indication of a fuel release.

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UST and Hoist Removal 6201 Claremont Avenue Berkeley, California



PHOTO 57: Collecting UST excavation confirmation soil samples, post backfill, using a GeoProbe 6600 direct push drill rig.



PHOTO 58: Boring UST1-C-18' after backfilling with neat cement.



UST and Hoist Removal 6201 Claremont Avenue Berkeley, California





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Attachment B
Figure 1 and Table 1

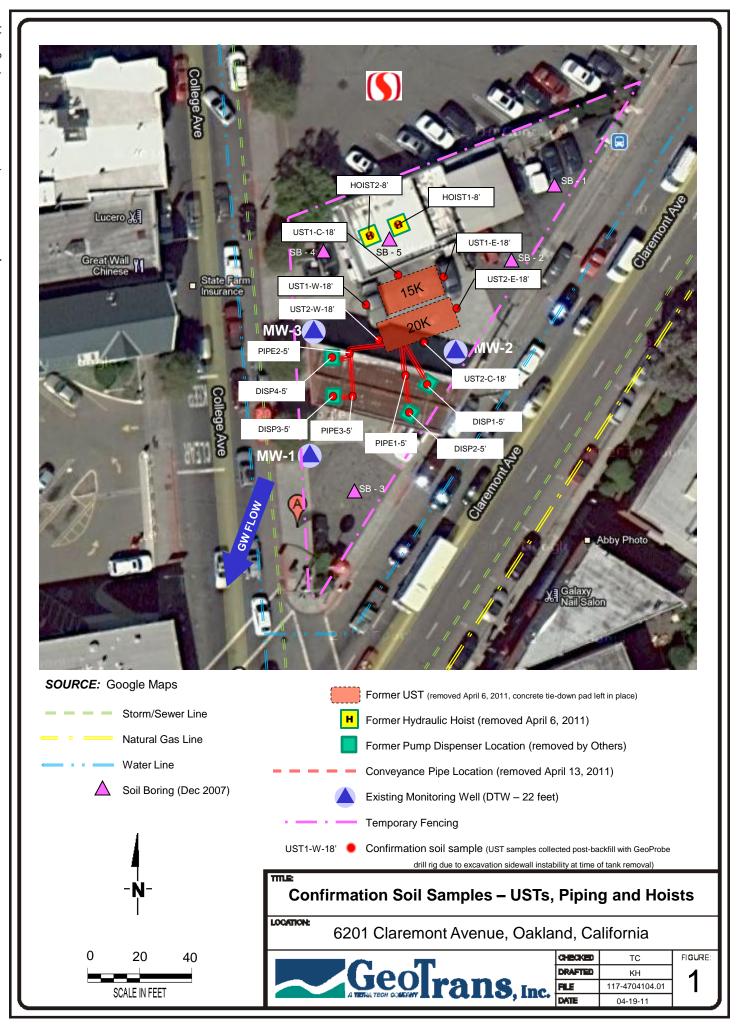


TABLE 1

Analytical Results Summary - Soil Claremont 76 Station 6201 Claremont Avenue Oakland, California

		TPHg EPA 8015B (mg/kg)		TPHd,o,ho \ 8015B w/ (mg/kg)			E	FT 5 Met PA 6010 (mg/kg)	В		PCBs EPA 8082 (mg/kg)			VOCs &	Fuel Oxe PA 8260 (µg/kg)			
Sample ID	Date	Gasoline	Diesel	Motor Oil	Hydraulic Oil	Cadmium	Chromium	Lead	Nickel	Zinc	7 Aroclors	Benzene	Toluene	Ethylbenzene	Xylenes	MTBE	Styrene	Methyelene Chloride
HOIST1-8'	4/6/2011		4.7 (1)	32 (1)	32 (1)	< 1.5	45	29	43	47	< 0.05							
HOIST2-8'	4/6/2011		1.2 (1)	11 (1)	11 (1)	< 1.5	68	7.4	61	54	< 0.05							
STOCKPILE-OB-1	4/6/2011	< 1.0	2.5	13 ′		< 1.5	55	37	51	140		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	14
STOCKPILE-OB-2	4/6/2011	< 1.0	9.5	54		< 1.5	57	39	54	100		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	12	25
DISP1-5'	4/13/2011	< 1.0	< 1.0	< 5.0		< 1.5	48	< 5.0	47	71		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
DISP2-5'	4/13/2011	< 1.0	< 1.0	< 5.0		< 1.5	66	29	75	71		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
DISP3-5'	4/13/2011	< 1.0	< 1.0	< 5.0		< 1.5	51	7.3	48	64		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
DISP4-5'	4/13/2011	< 1.0	< 1.0	< 5.0		< 1.5	46	< 5.0	48	63		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
PIPE-1-5'	4/13/2011	< 1.0	< 1.0	< 5.0		< 1.5	52	6.7	43	61		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
PIPE-2-5'	4/13/2011	< 1.0	< 1.0	< 5.0		< 1.5	50	5.5	47	64		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
PIPE-3-5'	4/13/2011	< 1.0	< 1.0	< 5.0		< 1.5	53	5.7	53	60		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
UST1-E-18'	4/14/2011	< 1.0	< 1.0	< 5.0		< 1.5	51	5.8	55	63		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
UST1-C-18'	4/14/2011	< 1.0	< 1.0	< 5.0		< 1.5	54	6.8	65	60		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
UST1-W-18'	4/14/2011	< 1.0	1.3	< 5.0		< 1.5	58	9	62	65		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
UST2-E-18'	4/14/2011	< 1.0	< 1.0	< 5.0		< 1.5	53	6.8	58	61		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
UST2-C-18'	4/14/2011	< 1.0	< 1.0	< 5.0		< 1.5	46	6	49	55		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
UST2-W-18'	4/14/2011	< 1.0	< 1.0	< 5.0		< 1.5	60	8.1	60	66		< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0	< 5.0
CHHSL		na	na	na	na	7.5	100,000	320	16,000	100,000	0.3	na	na	na	na	na	na	na
ESL		83	83	2,500	2,500	7.4	750	750	150	600	0.74	44	2,900	3,300	2,300	23	1,500	77

Notes:

TPH Total petroleum hydrocarbon

SGT Silica Gel Treatment (to remove naturally occuring lipids and fats that may cause false positive results).

LUFT Leaking Underground Fuel Tank.
PCBs Polychlorinated Biphenyls

mg/Kg milligrams per kilogram or parts per million (ppm).

μg/Kg micrograms per kilogram or parts per billion (ppb).

VOCs volatile organic compounds.

BTEX benzene, toluene, ethyl benzene and total xylenes.

MTBE methyl tert-butyl ether.

na Not applicable or not published.

CHHSL California Human Health Screening Level, commercial soil, September 2010.

ESL Environmental Screening Level, Table A-2, shallow soil screening level, commercial/industrial land use, May 2008. Note: Deep Soil ESL values (Table C-2) are the same or higher than shallow soil values.

(1) SGT not used in sample preparation.

Attachment C
Laboratory Analytical Data Sheets and COC Forms

McCampbell Analytical, In	ıc.
"When Quality 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

Tetra Tech GEO	Client Project ID: #117-4704104.01; Safeway-UST	Date Sampled: 04/06/11	
2969 Prospect Drive, Ste. 100	Pull	Date Received: 04/06/11	
2505 Frospect Brive, Ble. 100	Client Contact: Tim Costello	Date Reported: 04/07/11	
Rancho Cordova, CA 95670	Client P.O.:	Date Completed: 04/07/11	

WorkOrder: 1104137

April 07, 2011

D	т	٦٠.		
Dear	- 1	11	n	i

Enclosed within are:

- 1) The results of the 2 analyzed samples from your project: #117-4704104.01; Safeway-UST Pull,
- 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.

. 1104137

M	McCAMPBELL ANALYTICAL, INC. 1534 WILLOW PASS ROAD									T	CHAIN OF CUSTODY RECORD TURN AROUND TIME																							
		PITTSBUI	RG, CA 94	565-17	701									-	T	UR	N	AR	ou	NI	T	IM	E		RIIS		24	LIR		48	HR		2 HR	_
Tel	bsite: <u>www.m</u> ephone: (877) 252-920	62	nail: m	Fax:	(92	25)	252	-92	m 69					G	eo]	Γra	cke	er E	EDI	7 [F		E	xce	Ç		Wr	ite	On ((DV	W) 🗖
Report To: Tim	Costello		В	ill To	: San	ne								\exists						A	nal	ysis									_	Other		Comments
Company: Tetra 2969 Prospect			100 г	icM_	I:Keitl	h Ho	nofa	rd@	otet	rate	ech o	com	1	\neg	22		(F)		S			Siers							Г	Г				Filter
Rancho Cordo		0, 010			il: Tim									\dashv	8015) / MTBE		E/B3					-Suo												Samples
Tele: (916)853					916									\neg	/(51	7	5520	_	d Z			18/0		(S)					6020)					for Metals analysis:
Project #: 117-47	704104.01		P	rojec	t Nar	ne:	Saf	few	av	-U	ST	Pı	ull			70	7 99	118.1	W	/ 802	8	rocto		bicid			NAs)		10/0					Yes / No
Project Location:	6201, Clar	remont	Ave, C)akla	and,	CA	۱ (f	mr	76	S	tati	on)		8021+	MOTOR	se (10	ons (4	25	602	icide	Y; A	100	Her	8	S	s/P	6	8 / 60	020)				
Sampler Signatur	e: Kutl	- work	and	_	_	_				_					602 /		Grea	carb	ő	(EPA	Pes	ONL	sticie	lie Cl	700	(SVO	PAH	/ 602	200	10/6				
11		SAME	LING	90	ners	L	MA	TR	X		PRE	SEI			(3)	1 (510	Fotal Petroleum Oil & Grease (1664 / 5520 E/B&F)	Total Petroleum Hydrocarbons (418.1)	EPA 8260 (HVOC3) + OXYGENATE	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (CI Pesticides)	EPA 608 / 8082 PCB's ONLY; Aradors / Congeners	EPA 507 / 8141 (NP Pesticides)	EPA 515.3 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 /	1.8 / 60	111			
SAMPLE ID	LOCATION/ Field Point			Containers	ntai										TPH 25	sel (8	leum	leum	H	EXC	8/80	1082	8141	815	624	625	SIM	etals	stals (/ 200	3			
:	Name	Date	Time	nta	ပိ	er			ge	10		2	5	10	S.E	s Die	Petro	Petro	8260	18/3	9/50	08/8	1 10	15.3	24.2	25.2	8270	17 M	5 Me	200.7	١٥			
				ů #	Type Containers	Water	Soil	Air	Sludge	Other	ICE	HCL	HNO,	Other	BTEX &	TPH as Diesel (8015) +	Total	Total	EPA 8	MTBE	EPA 5	EPA 6	EPA S	EPA 5	EPA 5	EPA 5	EPA 8	CAM	LUFT	Lead (200.7 / 200.8 / 6010 / 6020)	APCH			
STOCKPILE-C	8-1	4/6/4	1330	2	408		X					1			×	×			X									W	X			\forall	\Box	
STOCKPILE-OF		4/6/11	1332	2	403		X					T			X	X			X										X					
UST GRAVEL 15		4/6/11	1200	1	IL.		X																								X			
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Relinquished By:		Date:	Time:	Rec	eived E	by:	Y					_	_	\dashv		CHI					AB	_							DCV	+ 6	0 1	NEL	E	TEU MAN
															AP	PRO	PRI	ATE	CO	NTA	-	RS_		30					×	AN	PT	PL -	١. د	ANALYSIS
Relinquished By:		Date:	Time:	Rec	eived E	By:									PR	ESE	RVE	O IN			_								200	T.	37	SP	EC	FIRE
															PR	ESE	RVA	TIO		OAS	0	&G	MI pH		LS	то	HER	2	_		100			

McCampbell Analytical, Inc.

1534 Willow Pass Rd

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Pittsburg, CA 94565-1701 WorkOrder: 1104137 ClientCode: TTRC (925) 252-9262 WaterTrax WriteOn EDF Excel Fax Email HardCopy ThirdParty J-flag Bill to: Report to: Requested TAT: 1 day Tim Costello tim.Costello@tetratech.com Keith Hoofard Email: Tetra Tech GEO cc: keith.hoofard@tetratech.com Tetra Tech GEO Date Received: 04/06/2011 2969 Prospect Drive, Ste. 100 PO: 2969 Prospect Drive, Ste. 100 Rancho Cordova, CA 95670 ProjectNo: #117-4704104.01; Safeway-UST Pull Rancho Cordova, CA 95670 Date Printed: 04/06/2011 (916) 853-1800 FAX (916) 853-1860 Requested Tests (See legend below) Lab ID **Client ID** Collection Date Hold 2 3 5 6 9 10 12 Matrix 1 11 1104137-001 Stockpile-OB-1 Solid 4/6/2011 13:30 Α Α Stockpile-OB-2 Solid 4/6/2011 13:32 1104137-002 Α Α

Test Legend

- COL EUGONA					
1 8260B_Solid	2 G-MBTEX_Solid	3 LUFT_Solid	4	5	
6	7	8	9	10	
11	12				
The following SampIDs: 001A, 002A	contain testgroup.			Prepared by: Ana Venegas	

Comments: 24hr rush

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

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

Sample Receipt Checklist

Client Name:	Tetra Tech GEO				Date a	and Time Received:	4/6/2011 3	3:20:09 PM
Project Name:	#117-4704104.01	; Safeway-UST Pu	ull		Check	dist completed and	reviewed by:	Ana Venegas
WorkOrder N°:	1104137	Matrix Solid			Carrie	r: <u>Client Drop-In</u>		
		Chain	of Cu	ıstody (C	COC) Informa	<u>ation</u>		
Chain of custody	y present?		Yes	V	No 🗆			
Chain of custody	signed when relinquis	shed and received?	Yes	V	No 🗆			
Chain of custody	y agrees with sample la	abels?	Yes	✓	No 🗌			
Sample IDs noted	d by Client on COC?		Yes	V	No 🗆			
Date and Time o	f collection noted by Cli	ent on COC?	Yes	✓	No 🗆			
Sampler's name	noted on COC?		Yes	V	No 🗆			
		<u>s</u>	ample	Receipt	Information	ļ		
Custody seals in	tact on shipping contain	ner/cooler?	Yes		No 🗆		NA 🗹	
Shipping contain	er/cooler in good cond	ition?	Yes	V	No 🗆			
Samples in prop	er containers/bottles?		Yes	~	No 🗆			
Sample containe	ers intact?		Yes	✓	No 🗆			
Sufficient sample	e volume for indicated	test?	Yes	✓	No 🗌			
		Sample Prese	rvatio	n and Ho	old Time (HT) Information		
All samples rece	ived within holding time	∍?	Yes	✓	No 🗌			
Container/Temp	Blank temperature		Coole	er Temp:	16.4°C		NA \square	
Water - VOA via	ils have zero headspa	ce / no bubbles?	Yes		No 🗆	No VOA vials subn	nitted 🗹	
Sample labels cl	hecked for correct pres	servation?	Yes	~	No 🗌			
Metal - pH accep	otable upon receipt (pH	<2)?	Yes		No 🗆		NA 🗹	
Samples Receive	ed on Ice?		Yes	✓	No 🗆			
		(Ice Typ	e: WE	ET ICE)			
* NOTE: If the "I	No" box is checked, se	e comments below.						
		======	=	===	=	=====		======
Client contacted:		Date contac	ted:			Contacted	d by:	
Comments:								

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

Tetra Tech GEO	Client Project ID: #117-4704104.01;	Date Sampled: 04/06/11
2969 Prospect Drive, Ste. 100	Safeway-UST Pull	Date Received: 04/06/11
2909 Prospect Drive, Ste. 100	Client Contact: Tim Costello	Date Extracted: 04/06/11
Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed: 04/06/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1104137

Extraction Method: SW5030B		Analyt	ical Metho	ethod: SW8260B Work Order: 1104137								
Lab ID				1104137-001A								
Client ID			Stockpile-OB-1									
Matrix				Solid								
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit					
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005					
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005					
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005					
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005					
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05					
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005					
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005					
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005					
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005					
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005					
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005					
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004					
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005					
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005					
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005					
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005					
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005					
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005					
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005					
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005					
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005					
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1					
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005					
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005					
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005					
Methylene chloride	0.014	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005					
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005					
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005					
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005					
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005					
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005					
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005					
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005					
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005					
Vinvl Chloride	ND	1.0	0.005	Xvlenes, Total	ND	1.0	0.005					
		Surr	ogate Re	Recoveries (%)								
%SS1:	92	2		%SS2: 112								
%SS3:	96				, , , , , , , , , , , , , , , , , , , ,	_						
, 		_	_									

Comments

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

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

^{*} water and vapor samples are reported in $\mu g/L$, 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 $\mu g/W$ in μg

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Telephone: 877-252-9262 Fax: 925-252-9269

Tetra Tech GEO	Client Project ID: #117-4704104.01;	Date Sampled: 04/06/11
2060 Prospect Drive Ste 100	Safeway-UST Pull	Date Received: 04/06/11
2969 Prospect Drive, Ste. 100	Client Contact: Tim Costello	Date Extracted: 04/06/11
Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed: 04/06/11

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

Extraction Method: SW5030B		Analyti	Work Order: 1104137					
Lab ID	1104137-002A							
Client ID				Stockpile-OB-2				
Matrix				Solid				
Compound	Concentration * DF Reporting Limit Compound		Concentration *	DF	Reporting Limit			
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005	
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005	
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005	
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005	
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05	
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005	
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005	
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005	
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005	
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005	
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005	
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004	
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005	
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005	
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005	
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005	
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005	
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005	
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005	
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005	
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005	
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1	
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005	
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005	
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	
Methylene chloride	0.025	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005	
Styrene	0.012	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005	
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005	
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005	
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005	
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005	
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005	
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005	
Vinvl Chloride	ND	1.0	0.005	Xvlenes, Total	ND	1.0	0.005	
		Surro	gate Re	coveries (%)				
%SS1:	92			%SS2: 109				
%SS3:	9(

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

^{*} 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.

Tetra Tech GEO	Client Project ID: #117-4704104.01;	Date Sampled: 04/06/11
2969 Prospect Drive, Ste. 100	Safeway-UST Pull	Date Received: 04/06/11
	Client Contact: Tim Costello	Date Extracted: 04/06/11
Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed 04/06/11

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

Extraction method	SW5030B	Analytic	al methods SW8015Bm	Wo	rk Order:	1104137
Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments
001A	Stockpile-OB-1	S	ND	1	87	
002A	Stockpile-OB-2	S	ND	1	82	
	porting Limit for DF =1;	W	NA		NA	
	means not detected at or	S	1.0		mg/Kg	Ţ,

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

cluttered chromatogram; sample peak coelutes w/surrogate peak; low surrogate recovery due to matrix interference.

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor

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

Angela Rydelius, Lab Manager

DHS ELAP Certification 1644

McCampbell Analytical,	Inc
"When Quality Counts"	

Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed: 04/06/11
2969 Prospect Drive, Ste. 100	Client Contact: Tim Costello	Date Extracted: 04/06/11
2969 Prospect Drive, Ste. 100	Saleway-UST Pull	Date Received: 04/06/11
Tetra Tech GEO	Safeway-UST Pull	Date Sampled: 04/06/11

LUFT 5 Metals*

Extraction method: SW3050B Analytical methods: SW6010B Work Order: 1104137

Lab ID Client ID Matrix Extraction Type Cadmium Chromium Lead Nickel Zinc DF % SS Comments

ONLY Stackwise OR 1 S. TOTAL NID 55 27 27 51 140 14 08

001A	Stockpile-OB-1	S	TOTAL	ND	55	37	51	140	1	98	
002A	Stockpile-OB-2	S	TOTAL	ND	57	39	54	100	1	99	

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

*water samples are reported in $\mu g/L$, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in $\mu g/\text{mipe}$, filter samples in $\mu g/\text{mipe}$.

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

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of 0.45 μm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor

Angela Rydelius, Lab Manager



	Client Project ID: #117-4704104.01;	Date Sampled:	04/06/11
	Safeway-UST Pull	Date Received:	04/06/11
2969 Prospect Drive, Ste. 100	Client Contact: Tim Costello	Date Extracted:	04/06/11
Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed:	04/06/11

Total Extractable Petroleum Hydrocarbons*

Extraction method: SW3550B Analytical methods: SW8015B Work Order: 1104137 TPH-Diesel TPH-Motor Oil DF Lab ID Client ID % SS Comments Matrix (C10-C23) (C18-C36) 1104137-001A Stockpile-OB-1 S 2.5 13 94 e7.e2.e6 1104137-002A Stockpile-OB-2 S 9.5 54 e7,e2,e6

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

^{*} water samples are reported in μ g/L, wipe samples in μ g/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 μ 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; %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:

e2) diesel range compounds are significant; no recognizable pattern

e6) one to a few isolated peaks present in the THP(d/mo) chromatogram

e7) oil range compounds are significant

Angela Rydelius, Lab Manager

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Solid QC Matrix: Soil BatchID: 57454 WorkOrder 1104137

EPA Method SW8260B	Extraction SW5030B Spiked Sample ID: 1104091-003									03A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%))
, many to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	83.3	82.8	0.619	79.6	80.6	1.18	70 - 130	30	70 - 130	30
Benzene	ND	0.050	112	111	0.782	104	105	1.84	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	95.4	94.9	0.613	93.7	96.3	2.70	70 - 130	30	70 - 130	30
Chlorobenzene	ND	0.050	112	110	1.68	105	108	2.56	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	91.4	90.9	0.566	86	89.5	3.92	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	103	102	0.942	96.5	97.7	1.22	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	0.050	121	120	0.639	113	116	2.91	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	111	110	1.23	105	107	1.99	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	107	106	1.31	101	103	2.12	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	109	107	2.49	103	105	2.09	70 - 130	30	70 - 130	30
Toluene	ND	0.050	116	115	0.922	109	112	2.44	70 - 130	30	70 - 130	30
Trichloroethene	ND	0.050	111	110	1.64	103	107	3.12	70 - 130	30	70 - 130	30
%SS1:	93	0.12	95	95	0	94	93	0.797	70 - 130	30	70 - 130	30
%SS2:	111	0.12	111	112	1.19	112	112	0	70 - 130	30	70 - 130	30
%SS3:	95	0.012	96	101	5.03	100	100	0	70 - 130	30	70 - 130	30

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

BATCH 57454 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104137-001A	04/06/11 1:30 PM	1 04/06/11	04/06/11 10:47 PM	1104137-002A	04/06/11 1:32 PM	I 04/06/11	04/06/11 8:50 PM

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

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

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

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

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

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

QA/QC Officer

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Solid QC Matrix: Soil BatchID: 57426 WorkOrder 1104137

EPA Method SW8015Bm Extraction SW5030B Spiked Sample ID: 1104053-012A												
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acc	eptance	Criteria (%)	
7 mary to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)	ND	0.60	118	118	0	111	110	0.524	70 - 130	20	70 - 130	20
MTBE	ND	0.10	90.3	92.4	2.25	86	80.7	6.44	70 - 130	20	70 - 130	20
Benzene	ND	0.10	90.6	94.7	4.40	88.3	88.8	0.555	70 - 130	20	70 - 130	20
Toluene	ND	0.10	88.3	92.7	4.84	86.1	86.2	0.0288	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	89.9	94.1	4.62	87.1	87.4	0.360	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	89.8	93.8	4.42	86.6	86.2	0.488	70 - 130	20	70 - 130	20
%SS:	98	0.10	93	83	11.2	90	86	4.35	70 - 130	20	70 - 130	20

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

BATCH 57426 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104137-001A	04/06/11 1:30 PM	M 04/06/11	04/06/11 6:20 PM	1104137-002A	04/06/11 1:32 PM	04/06/11	04/06/11 6:50 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).

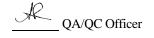
MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the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



QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Solid QC Matrix: Soil WorkOrder 1104137

EPA Method SW6010B		Extraction SW3050B BatchID: 57489 Spiked Sample ID: 110412										1104125-00	1 A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acc	eptanc	otance Criteria (%)			
, and y to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD		
Cadmium	ND	50	98.7	98.4	0.355	10	88	79.2	10.5	75 - 125	25	75 - 125	25		
Chromium	10	50	94.6	98.2	3.14	10	95.2	91.8	3.64	75 - 125	25	75 - 125	25		
Lead	ND	50	101	98.4	2.91	10	87	79.6	8.76	75 - 125	25	75 - 125	25		
Nickel	5.4	50	94.6	95.9	1.18	10	88	87.1	1.00	75 - 125	25	75 - 125	25		
Zinc	11	500	102	96.1	5.49	100	96.5	95.2	1.38 75 - 125 25 75 - 125						
%SS:	100	500	100	104	3.82	500	104	104	0 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 57489 SUMMARY

Lab ID	Date Sampled	Date Extracte	ed Date Analyzed	Lab ID	Date Sampled	Date Extracted	d Date Analyzed
1104137-001A	04/06/11 1:30 PM	04/06/11	04/06/11 11:18 PM	1104137-002A	04/06/11 1:32 PM	04/06/11	04/06/11 11:21 PM

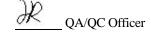
MS = Matrix Spike; MSD = Matrix Spike Duplicate; LCS = Laboratory Control Sample; LCSD = Laboratory Control Sample Duplicate; RPD = Relative Percent Deviation.

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

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

N/A = not applicable to this method.

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



QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Solid QC Matrix: Soil BatchID: 57401 WorkOrder 1104137

EPA Method SW8015B	Extra	ction SW	3550B					s	piked San	nple ID:	: 1104012-0)13A				
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%))				
Attalyte	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD				
TPH-Diesel (C10-C23)	ND	40	90.7	90.2	0.565	89.3	90	0.793	70 - 130	70 - 130	30					
%SS:	113	25	103	102	0.419	89	89	0	70 - 130 30 70 - 130 30							

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

BATCH 57401 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104137-001A	04/06/11 1:30 PM	I 04/06/11	04/06/11 5:45 PM	1104137-002A	04/06/11 1:32 PM	04/06/11	04/06/11 6:58 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

McCampbell Analytical, Inc	
"When Quality Counts"	

Tetra Tech GEO	Client Project ID: #117-4704104.01; Safeway-UST	Date Sampled: 04/06/11
2969 Prospect Drive, Ste. 100		Date Received: 04/06/11
2505 Prospect Brive, Ble. 100	Client Contact: Tim Costello	Date Reported: 04/07/11
Rancho Cordova, CA 95670	Client P.O.:	Date Completed: 04/07/11

WorkOrder: 1104136

April 07, 2011

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Enclosed within are:

- 1) The results of the 2 analyzed samples from your project: #117-4704104.01; Safeway-UST,
- 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.

1104136

McCAMPBELL ANALYTICAL, INC. 1534 WILLOW PASS ROAD PITTSBURG, CA 94565-1701 Website: www.mccampbell.com Email: main@mccampbell.com								Т	UR	N A	LR(ST(K	1		EC 48 H			HR	DAY						
Tele	ephone: (877) 252-920	52		Fax:									G	eol	ra	cke	r E	DF	-			F		Ex	cel		1	Vri	te (n (l	DW	required
Report To: Tim C			В	ill To	: San	ne							\Box						A	nal	ysis	Rec	ues	t						0	ther		Comments
Company: Tetra	Tech GE	0	100 -					10					4	141	۵	3					5												Filter
2969 Prospect		e, Ste		-Mail									\dashv	8015) / MTBE	FLUID.	Total Petroleum Oil & Grease (1664 / 5520 E/B&F)					EPA 608 / 8082 PCB's ONLY; Aractors / Congeners												Samples
Rancho Cordo				-Mai	-		_		_	ecn.	CON	1	\dashv	S) / N		520 E					ပိ		_					(30)					for Metals
Tele: (916)853 Project #: 117-47	704404 04			ax: (107	ГД	ull	-	801	1	4/55	8.1)		9021)		clors		cides			(8)		09/0					analysis:
Project #: 1:17-47	6201 Clar	omont	Ave O	rojec	nd	C.A	(fr	or 7	76.S	Stat	ion	1)	\dashv	4 17	OR O	991)	5 (41		0278	ides)	Ano		erbi		S	PN,		0109	(0)				Yes / No
Sampler Signatur	e. 4+0	Uh-	ALAND.	anic	iiiu,	0/	1		0 0	rece		/	\dashv	602 / 8021	TOP	ease	rbon		PA 6	estic	(LY;	cides	CHE	OCs)	000	VHs/	070)	8,00	/ 602				
Sampler Signatur	c. Pull		LING		-			rDI	v	N	TET	HOI	0	(60)	7	S G	roca		Y (E	(CIP	0 5	Pesti	cidic	V) 00	S) 0,	0 (P)	8/6	7/28	0109				
13		SAMI	LING	80	ner	_	MA	IKI	Α	PR	ESE	RV	ED	S Ga	(\$10	Dil.	Hyd	OC.	ONL	180	PCB	N.	3 5	/ 826	/ 827	/831	(200	(200.	0.8				
SAMPLE ID	LOCATION/			Containers	Type Containers							-		РНа	TPH as Diesel (8015) + M0 T0 R OIL +	leum	Total Petroleum Hydrocarbons (418.1)	EPA 8260 (HVOCs)	MTBE / BTEX ONLY (EPA 602 / 8021)	EPA 505/ 608 / 8081 (Cl Pesticides)	1082	EPA 507 / 8141 (NP Pesticides)	EPA 515.3 / 8151 (Acidic Cl Herbicides)	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010 / 6020)	Lead (200.7 / 200.8 / 6010 / 6020)				
1	Field Point Name	Date	Time	nta	ပိ	10			r se			3	h-	& T	s Die	etro	etro	1260	/ B1	9 /50	8/80	140	15.3	24.2	25.2	1270	17 M	5 Me	200.7				
		Date	7 11110	ပိ	ype	Water	Soil	Air	Other	ICE	HCL	HNO,	Other	BTEX &	PH a	lal l	lal	PA 8	TBE	PA S	PA 6	PA S	PA S	PA 5	PA S	EPA 8	AM	THI) pea				
				*	F	2	S	4	20	=	H	Ŧ	9	B		F	=	(m)	Z	E	-	60	田	E	Э	E	0	7	2			4	
HOIST1-8'	EAST HOIST			2	40E		X			X					X						X							X					
HOIST2-8'	WEST HOIST	4/6/11	1405	2	402		X			X					×						X							×					
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												APPROPRIATE CONTAINERS PRESERVED IN LAB																					
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						VOAS O&G METALS OTHER PRESERVATION																											

McCampbell Analytical, Inc.

1534 Willow Pass Rd

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

Pittsburg, CA 94565-1701 **WorkOrder: 1104136** ClientCode: TTRC (925) 252-9262 WaterTrax WriteOn EDF Excel Fax Email HardCopy ThirdParty J-flag Bill to: Report to: Requested TAT: 1 day Tim Costello tim.Costello@tetratech.com Keith Hoofard Email: Tetra Tech GEO Tetra Tech GEO cc: Date Received: 04/06/2011 2969 Prospect Drive, Ste. 100 PO: 2969 Prospect Drive, Ste. 100 Rancho Cordova, CA 95670 ProjectNo: #117-4704104.01; Safeway-UST Rancho Cordova, CA 95670 Date Printed: 04/06/2011 (916) 853-1800 FAX (916) 853-1860 Requested Tests (See legend below) Lab ID **Client ID** Collection Date Hold 2 3 5 6 9 10 12 Matrix 1 11 1104136-001 Hoist1-8' Solid 4/6/2011 13:06 Α Α Solid 1104136-002 Hoist2-8' 4/6/2011 14:05 Α Α

Test Legend:

1 8082A_PCB_Solid	2 LUFT_Solid	3 TPH(DMO)_Solid	4	5
6	7	8	9	10
11	12			
				Prepared by: Ana Venegas

Comments: 24hr rush

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

Sample Receipt Checklist

Client Name:	Tetra Tech GEO)			Date a	and Time Received:	4/6/2011 3	3:08:32 PM
Project Name:	#117-4704104.	01; Safeway-UST			Check	klist completed and r	eviewed by:	Ana Venegas
WorkOrder N°:	1104136	Matrix Solid			Carrie	r: <u>Client Drop-In</u>		
		<u>Chair</u>	of Cu	stody (C	COC) Informa	ation		
Chain of custody	y present?		Yes	V	No 🗆			
Chain of custody	y signed when relind	quished and received?	Yes	V	No 🗆			
Chain of custody	y agrees with sampl	e labels?	Yes	✓	No 🗌			
Sample IDs noted	d by Client on COC?		Yes	V	No 🗆			
Date and Time o	of collection noted by	Client on COC?	Yes	~	No 🗆			
Sampler's name	noted on COC?		Yes	✓	No 🗆			
		<u>s</u>	ample	Receipt	t Information	<u>!</u>		
Custody seals in	ntact on shipping cor	ntainer/cooler?	Yes		No 🗆		NA 🔽	
Shipping contain	ner/cooler in good co	ndition?	Yes	V	No 🗆			
Samples in prop	er containers/bottles	s?	Yes	V	No 🗆			
Sample containe	ers intact?		Yes	✓	No 🗆			
Sufficient sample	e volume for indicate	ed test?	Yes	✓	No 🗌			
		Sample Prese	rvatio	n and Ho	old Time (HT)) Information		
All samples rece	eived within holding t	ime?	Yes	✓	No 🗌			
Container/Temp	Blank temperature		Coole	er Temp:	16.4°C		NA \square	
Water - VOA via	als have zero heads	pace / no bubbles?	Yes		No 🗆	No VOA vials subm	itted 🗹	
Sample labels cl	hecked for correct p	reservation?	Yes	V	No 🗌			
Metal - pH accep	otable upon receipt (pH<2)?	Yes		No 🗆		NA 🔽	
Samples Receive	red on Ice?		Yes	✓	No 🗆			
		(Ice Typ	e: WE	T ICE)			
* NOTE: If the "I	No" box is checked,	see comments below.						
=====	======	======			====	=====	====	
Client contacted:	:	Date contact	ted:			Contacted	by:	
Comments:								

when Quanty	Counts			relephone: 87	17-232-9202 Fax: 92.	3-232-9209	
Tetra Tech GEO				704104.01;	Date Sampled:	04/06/11	
2969 Prospect Drive, Ste. 100	Sai	ieway-	OSI		Date Received:	04/06/11	
2,0,1100ptt 21114, 5101100	Cli	ent Co	ontact: Tim Coste	ello	Date Extracted:	04/06/11	
Rancho Cordova, CA 95670	Clie	ent P.C).:		Date Analyzed:	04/07/11	
Po	olychlorinat	ted Bip	ohenyls (PCBs) A	roclors by GC-E	CD*		
Extraction Method: SW3550B							
Lab ID	1104136-0	001A	1104136-002A				
Client ID	Client Contact: The Contact:		Hoist2-8'			Reporting DF	
Matrix	S		S				
DF	1		1			S	W
Compound			Conce	entration		mg/kg	ug/L
Aroclor1016	ND		ND			0.05	NA
Aroclor1221	ND		ND			0.05	NA
Aroclor1232	ND		ND			0.05	NA
Aroclor1242	ND		ND			0.05	NA
Aroclor1248	ND		ND			0.05	NA
Aroclor1254	ND		ND			0.05	NA
Aroclor1260	ND		ND			0.05	NA
PCBs, total	ND		ND			0.05	NA
		Surro	ogate Recoveries	s (%)			
%SS:	91		91				
Comments							

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

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



^{*} water samples in $\mu g/L$, soil/sludge/solid samples in mg/kg, wipe samples in $\mu g/wipe$, filter samples in $\mu g/filter$, product/oil/non-aqueous liquid samples and all TCLP & SPLP extracts are reported in mg/L.

McCampbell Analytical,	Inc
"When Quality Counts"	

Extraction method: SW3050B

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

Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed: 04/06/11
•	Client Contact: Tim Costello	Date Extracted: 04/06/11
2969 Prospect Drive, Ste. 100	Safeway-UST	Date Received: 04/06/11
Tetra Tech GEO	Client Project ID: #117-4704104.01;	Date Sampled: 04/06/11

LUFT 5 Metals* Analytical methods: SW6010B

Lab ID Client ID Extraction Type Cadmium Chromium % SS Comments Matrix Lead Nickel Zinc 001A Hoist1-8' S TOTAL ND 45 29 43 47 96 002A Hoist2-8' S TOTAL 99 ND 68 7.4 61 54 1

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

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

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

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of 0.45 µm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard

DF = Dillution Factor

Angela Rydelius, Lab Manager

DHS ELAP Certification 1644

Work Order: 1104136

A CONTRACTOR OF THE CONTRACTOR				
Tetra Tech GEO	Client Project ID: # Safeway-UST	117-4704104.01;	Date Sampled:	04/06/11
2969 Prospect Drive, Ste. 100	Saleway OS1		Date Received:	04/06/11
,	Client Contact: Tin	n Costello	Date Extracted:	04/06/11
Rancho Cordova, CA 95670	Client P.O.:		Date Analyzed:	04/07/11

Total Extractable Petroleum Hydrocarbons* Extraction method SW3550B Analytical methods: SW8015B Work Order: 1104136 TPH-Diesel TPH-Motor Oil TPH-Hydraulic Fluid Lab ID Client ID Matrix DF % SS Comments (C10-C23) (C18-C36) (C18-C36) 001A Hoist1-8' S 4.7 32 32 1 108 e7,e2,e6 002A Hoist2-8' S 1.2 11 11 1 106 e6,e2

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

^{*} water samples are reported in μ g/L, wipe samples in μ g/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 μ 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; %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:

- e2) diesel range compounds are significant; no recognizable pattern
- e6) one to a few isolated peaks present in the THP(d/mo) chromatogram
- e7) oil range compounds are significant

Angela Rydelius, Lab Manager

DHS ELAP Certification 1644

QC SUMMARY REPORT FOR SW8082

W.O. Sample Matrix: Solid QC Matrix: Soil BatchID: 57501 WorkOrder 1104136

EPA Method SW8082				S	piked San	nple ID:	: N/A					
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	
Allalyto	mg/kg	mg/kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Aroclor1260	N/A	0.15	N/A	N/A	N/A	117	115	1.88	N/A	N/A	70 - 130	20
%SS:	N/A	0.050	N/A	N/A	N/A	72	74	1.86	N/A	N/A	70 - 130	20

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

BATCH 57501 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104136-001A	04/06/11 1:06 PM	f 04/06/11	04/07/11 4:15 AM	1104136-002A	04/06/11 2:05 PM	I 04/06/11	04/07/11 6:05 AM

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

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

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

N/A = not 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

A QA/QC Officer

QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Solid QC Matrix: Soil WorkOrder 1104136

EPA Method SW6010B		Extraction SW3050B				BatchID: 57489 Spike			ed Sample ID:		1104125-001A		
Analyte	Sample	Spiked	MS	MSD	MS-MSD	Spiked	LCS	LCSD	LCS-LCSD	Acc	eptanc	e Criteria (%	·)
, mary to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Cadmium	ND	50	98.7	98.4	0.355	10	88	79.2	10.5	75 - 125	25	75 - 125	25
Chromium	10	50	94.6	98.2	3.14	10	95.2	91.8	3.64	75 - 125	25	75 - 125	25
Lead	ND	50	101	98.4	2.91	10	87	79.6	8.76	75 - 125	25	75 - 125	25
Nickel	5.4	50	94.6	95.9	1.18	10	88	87.1	1.00	75 - 125	25	75 - 125	25
Zinc	11	500	102	96.1	5.49	100	96.5	95.2	1.38	75 - 125	25	75 - 125	25
%SS:	100	500	100	104	3.82	500	104	104	0	70 - 130	20	70 - 130	20

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

BATCH 57489 SUMMARY

Lab ID	Date Sampled	Date Extracte	d Date Analyzed	Lab ID	Date Sampled	Date Extracted	d Date Analyzed
1104136-001A	04/06/11 1:06 PM	04/06/11	04/06/11 11:12 PM	1104136-002A	04/06/11 2:05 PM	04/06/11	04/06/11 11:15 PM

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

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

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

N/A = not applicable to this method.

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

QA/QC Officer

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Solid QC Matrix: Soil BatchID: 57401 WorkOrder 1104136

EPA Method SW8015B Extraction SW3550B											1104012-0	13A
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	40	90.7	90.2	0.565	89.3	90	0.793	70 - 130	30	70 - 130	30
%SS:	113	25	103	102	0.419	89	89	0	70 - 130	30	70 - 130	30

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

BATCH 57401 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104136-001A	04/06/11 1:06 PM	04/06/11	04/07/11 10:05 AM	1104136-002A	04/06/11 2:05 PM	1 04/06/11	04/07/11 8:55 AM

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

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

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

N/A = not 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

McCampbell Analytical,	Inc.
"When Quality Counts"	

Tetra Tech GEO	Client Project ID: #117-4704104.01; Safeway-UST	Date Sampled:	04/13/11-04/14/11
2969 Prospect Drive, Ste. 100	Puii	Date Received:	04/14/11
25 05 11 05 peec 211 10, peec 100	Client Contact: Tim Costello	Date Reported:	04/18/11
Rancho Cordova, CA 95670	Client P.O.:	Date Completed:	04/18/11

WorkOrder: 1104409

April 18, 2011

-	-	-		
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Enclosed within are:

- 1) The results of the 13 analyzed samples from your project: #117-4704104.01; Safeway-UST Pull,
- 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.

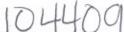
If you have any questions or concerns, please feel free to give me a call. Thank you for choosing

McCampbell Analytical Laboratories for your analytical needs.

Best regards,

Angela Rydelius Laboratory Manager

McCampbell Analytical, Inc.





we we		1534 WII PITTSBU ccampbel	LL ANALYTICAL, INC. WILLOW PASS ROAD SBURG, CA 94565-1701 pbell.com Email: main@mccampbell.com 2-9262 Fax: (925) 252-9269						CHAIN OF CUSTODY RECORD TURN AROUND TIME RUSH 24 HR 48 HR 72 HR 5 DAY GeoTracker EDF PDF Excel Write On (DW)								5 DAY															
D . Time (Santalla				II To: Same						4	4	P							Che	eck	ſsa									required	
Report To: Tim C		0	- I	Bill To	: San	ne						+	- :	32	_	_	-	A	naly	ysis	Rec	ues	t	_					C	ther		Comments
2969 Prospect			100	E-Mai	I:Keith	n Hoo	fard	@tetra	atec	n.co	m	-	3E	3 0	(E)	-	S			ners												Filter
Rancho Cordo	THE RESERVE OF THE PARTY OF THE	-,				-		@tetra				\dashv	8015) / MTBE	7	5520 E/B&F)		ATE			608 / 8082 PCB's ONLY; Aroctors / Congeners										- 1		Samples
Tele: (916)853					916	-		-					18)/	9	5520		N	0		3/C		-					6020)					for Metals
Project #: 117-47	704104.01		P	rojec	t Nan	ne:S	afe	way-	US	TF	Pull		98	2	1 19	18.1)	14	602 / 8021)		oclor		icide			(84)		~					analysis: Yes / No
Project Location:			Ave, C)akla	and,	CA	(fm	r 76	Sta	tior	٦)		8021	MOTOR	e (16	ns (4	OXYGEN	602	cides	YY.	6	Herb	(5	8	/ PN	_	1 601	6020)				1 637 110
Sampler Signatur	er Kut	t you	gard										02/8	3	Grease (1664 /	arbo		EPA	Pesti	NLY	ficid	0	700	SVO	AHS	6020	200.8	09/0				
		SAME	LING		2	M	AT	RIX		MET			32	+ 6	18	Total Petroleum Hydrocarbons (418.1)	8260 (HVOCs) +	MTBE / BTEX ONLY (EPA	EPA 505/ 608 / 8081 (CI Pesticides)	B's C	8141 (NP Pesticides)	8151 (Acidic Cl Herbicides)	524.2 / 624 / 8260 (VOCs)	525.2 / 625 / 8270 (SVOCs)	8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)	LUFT 5 Metals (200.7 / 200.8 / 6010	/ 0109 /				
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SAMPLE ID	Field Point			tain	ont								H	iesel	roles	rolen	0 (H	BTE	809	/ 808	81	3/8	2/6	2/6	0 SI	Meta	Meta	(200.7 / 200.8 /				
	Name	Date	Time	Containers	Type Containers	Water		Sludge	ICE	HCL	õ	Other	X	TPH as Diesel (8015)	Total Petroleum Oil &	I Pet	826	8E/	505	809	1 205	515.37	524	525		117	TSI					
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McCampbell Analytical, Inc.

1534 Willow Pass Rd

CHAIN-OF-CUSTODY RECORD

Page 1 of 1

				Work	Order:	: 1104	409	•	Client	Code: TI	TRC				
WaterTrax	WriteOn	☐ EDF		Excel		Fax		Email		HardC	Сору	Thir	dParty	□ J-	flag
cc: k PO:	eith.hoofard@	d@tetratech.com Tetra Tech GEO 2969 Prospect Drive, Ste. 100													
							Re	quested	Tests	(See leg	end b	elow)			
	Matrix	Collection Date	Hold	1	2	3	4	5	6	7	8	9	10	11	12
	Soil	4/14/2011 11:48	ΙПΙ	Α	Α	Α									
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	Soil			Α	Α	Α									
	Soil			Α	Α	Α									
	Soil	4/13/2011 10:30		Α	Α	Α									
	Soil	4/13/2011 10:40		Α	Α	Α									
	Soil	4/13/2011 10:59		Α	Α	Α									
LUFT_9	S	3 TPH	(DMO)\	VSG_S		_	•				=				
04A, 005A, 006A	., 007A, 008A,	009A, 010A, 011A,	, 012A,	013A c	ontain t	estgroup).				Prepa	red by:	Maria	Venega	as
	Email: ti cc: k PO: ProjectNo: #	Email: tim.Costello@cc: keith.hoofard@PO: ProjectNo: #117-4704104 Matrix Soil Soil Soil Soil Soil Soil Soil Soi	Email: tim.Costello@tetratech.com cc: keith.hoofard@tetratech.com PO: ProjectNo: #117-4704104.01; Safeway-US Matrix	WaterTrax WriteOn □ EDF Email: tim.Costello@tetratech.com cc: keith.hoofard@tetratech.com PO: ProjectNo: #117-4704104.01; Safeway-UST Pull Matrix Collection Date Hold Soil 4/14/2011 11:48 □ Soil 4/14/2011 10:22 □ Soil 4/14/2011 10:22 □ Soil 4/14/2011 10:30 □ Soil 4/14/2011 13:40 □ Soil 4/14/2011 13:03 □ Soil 4/13/2011 10:25 □ Soil 4/13/2011 10:35 □ Soil 4/13/2011 10:44 □ Soil 4/13/2011 10:40 □ Soil 4/13/2011 10:59 □ LUFT_S 3 TPH(DMO)N		WaterTrax	WaterTrax	Email: tim.Costello@tetratech.com	WaterTrax						

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:	Tetra Tech GEO				Date a	and Time Received:	4/14/2011	3:21:10 PM
Project Name:	#117-4704104.01	; Safeway-UST Pu	ıll		Check	klist completed and r	eviewed by:	Maria Venegas
WorkOrder N°:	1104409	Matrix Soil			Carrie	er: Rob Pringle (M	IAI Courier)	
		<u>Chair</u>	of Cu	stody (C	COC) Informa	ation		
Chain of custody	/ present?		Yes	V	No 🗆			
Chain of custody	signed when relinqu	ished and received?	Yes	V	No 🗆			
Chain of custody	agrees with sample	labels?	Yes	✓	No 🗌			
Sample IDs noted	d by Client on COC?		Yes	V	No 🗆			
Date and Time of	f collection noted by C	lient on COC?	Yes	V	No 🗆			
Sampler's name r	noted on COC?		Yes	~	No 🗆			
		<u>s</u>	ample	Receipt	Information	1		
Custody seals in	tact on shipping conta	ainer/cooler?	Yes		No 🗆		NA 🔽	
Shipping contain	er/cooler in good cond	dition?	Yes	V	No 🗆			
Samples in prope	er containers/bottles?		Yes	V	No 🗆			
Sample containe	ers intact?		Yes	✓	No 🗆			
Sufficient sample	e volume for indicated	test?	Yes	✓	No 🗌			
		Sample Prese	rvatio	n and Ho	old Time (HT) Information		
All samples recei	ived within holding tim	ne?	Yes	✓	No 🗌			
Container/Temp I	Blank temperature		Coole	er Temp:	8.6°C		NA 🗆	
Water - VOA via	ls have zero headspa	ace / no bubbles?	Yes		No 🗆	No VOA vials subm	itted 🗹	
Sample labels ch	necked for correct pre	eservation?	Yes	✓	No 🗌			
Metal - pH accep	otable upon receipt (pl	H<2)?	Yes		No 🗆		NA 🔽	
Samples Receive	ed on Ice?		Yes	✓	No 🗆			
		(Ice Typ	e: WE	TICE)			
* NOTE: If the "N	No" box is checked, s	ee comments below.						
=====	======	======	===		====	======	====	======
Client contacted:		Date contac	ted:			Contacted	by:	
Comments:								

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Telephone: 877-252-9262 Fax: 925-252-9269

Tetra Tech GEO	Client Project ID: #117-4704104.01;	Date Sampled: 04/14/11
2969 Prospect Drive, Ste. 100	Safeway-UST Pull	Date Received: 04/14/11
2909 Prospect Drive, Sie. 100	Client Contact: Tim Costello	Date Extracted: 04/14/11
Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed: 04/14/11

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

Extraction Method: SW5030B	Analytical Method: SW8260B Work Order: 1104409							
Lab ID	1104409-001A							
Client ID				UST1-E-18'				
Matrix				Soil				
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit	
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005	
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005	
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005	
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005	
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05	
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005	
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005	
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005	
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005	
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005	
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005	
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004	
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005	
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005	
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005	
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005	
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005	
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005	
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005	
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005	
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005	
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1	
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005	
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005	
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005	
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005	
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005	
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005	
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005	
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005	
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005	
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005	
Vinvl Chloride	ND	1.0	0.005	Xvlenes, Total	ND	1.0	0.005	
		Surro	gate Re	coveries (%)				
				%SS2:	11	13		
%SS3:	98				<u> </u>			

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

^{*} 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.

Tetra Tech GEO	Client Project ID: #117-4704104.01;	Date Sampled: 04/14/11
2969 Prospect Drive, Ste. 100	Safeway-UST Pull	Date Received: 04/14/11
2909 110spect D11ve, Stc. 100	Client Contact: Tim Costello	Date Extracted: 04/14/11
Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed: 04/14/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1104409

Extraction Method: SW5030B		Analytical Method: SW8260B Work Order: 1104409							
Lab ID		1104409-002A							
Client ID		UST1-C-18'							
Matrix				Soil					
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit		
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005		
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005		
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005		
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005		
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05		
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005		
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005		
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005		
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005		
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005		
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005		
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004		
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005		
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005		
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005		
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005		
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005		
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005		
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005		
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005		
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005		
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1		
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005		
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005		
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005		
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005		
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005		
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005		
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005		
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005		
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005		
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005		
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005		
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005		
Vinvl Chloride	ND	1.0	0.005	Xvlenes, Total	ND	1.0	0.005		
		Surr	ogate Re	ecoveries (%)					
				%SS2:	11	3			
%SS3: 98					-				

Comments

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

^{*} water and vapor samples are reported in $\mu g/L$, 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 $\mu g/W$ in μg

Tetra Tech GEO		Date Sampled: 04/14/11
2969 Prospect Drive, Ste. 100	Safeway-UST Pull	Date Received: 04/14/11
2909 Hospect Dilve, Stc. 100	Client Contact: Tim Costello	Date Extracted: 04/14/11
Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed: 04/14/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1104409

Extraction Method: SW5030B	Analytical Method: SW8260B Work Order: 1104409							
Lab ID		1104409-003A						
Client ID				UST1-W-18'				
Matrix				Soil				
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit	
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005	
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005	
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005	
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005	
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05	
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005	
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005	
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005	
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005	
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005	
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005	
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004	
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005	
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005	
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005	
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005	
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005	
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005	
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005	
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005	
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005	
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1	
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005	
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005	
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005	
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005	
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005	
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005	
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005	
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005	
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005	
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005	
Vinvl Chloride	ND	1.0	0.005		ND	1.0	0.005	
		Surr	ogate Re	coveries (%)				
%SS1:	9(%SS2:	11	13		
%SS3:	97			//				
				•				

Comments

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

^{*} water and vapor samples are reported in $\mu g/L$, 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 $\mu g/W$ in μg

1534 Willow Pass Road, Pittsburg, CA 94565-1701 Telephone: 877-252-9262 Fax: 925-252-9269

Tetra Tech GEO	Client Project ID: #117-4704104.01; Safeway-UST Pull Client Contact: Tim Costello Client P.O.:	Date Sampled: 04/14/11
2969 Prospect Drive, Ste. 100	Safeway-UST Pull	Date Received: 04/14/11
2909 Hospect Dilve, Stc. 100	Client Contact: Tim Costello	Date Extracted: 04/14/11
Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed: 04/14/11

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

Extraction Method: SW5030B	Analytical Method: SW8260B			Work Order: 1104409					
Lab ID		1104409-004A							
Client ID				UST2-E-18'					
Matrix				Soil					
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit		
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005		
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005		
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005		
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005		
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05		
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005		
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005		
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005		
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005		
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005		
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005		
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004		
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005		
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005		
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005		
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005		
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005		
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005		
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005		
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005		
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005		
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1		
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005		
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005		
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005		
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005		
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005		
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005		
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005		
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005		
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005		
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005		
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005		
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005		
Vinvl Chloride	ND	1.0	0.005		ND	1.0	0.005		
		Surro	gate Re	coveries (%)					
%SS1:	9			%SS2:	11	2			
%SS3:	9								

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

^{*} 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.

Tetra Tech GEO	Client Project ID: #117-4704104.01;	Date Sampled: 04/14/11
2969 Prospect Drive, Ste. 100	Safeway-UST Pull	Date Received: 04/14/11
2909 Prospect Drive, Ste. 100	Client Contact: Tim Costello	Date Extracted: 04/14/11
Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed: 04/15/11

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

Extraction Method: SW5030B	Analytical Method: SW8260B	Work Order: 1104409
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%SS3:	98	3						
%SS1:	92			%SS2:	11	1		
	_	Surre	ogate Re	coveries (%)	•			
Vinvl Chloride	ND	1.0	0.005		ND	1.0	0.005	
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005	
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005	
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005	
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005	
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005	
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005	
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005	
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005	
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005	
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005	
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005	
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005	
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1	
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005	
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005	
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005	
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005	
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005	
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005	
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005	
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005	
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005	
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004	
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005	
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005	
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005	
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005	
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005	
n-Butvl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005	
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05	
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005	
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005	
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005	
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005	
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit	
Matrix				Soil				
Client ID		UST2-C-18'						
Lab ID		1104409-005A						
Extraction Method: SW5030B	Analytical Method: SW8260B Work Order: 1104409							

Comments

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

^{*} water and vapor samples are reported in $\mu g/L$, 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 $\mu g/W$ in μg

Tetra Tech GEO	Client Project ID: #117-4704104.01;	Date Sampled: 04/14/11
2969 Prospect Drive, Ste. 100	Safeway-UST Pull	Date Received: 04/14/11
2909 Prospect Drive, Ste. 100	Client Contact: Tim Costello	Date Extracted: 04/14/11
Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed: 04/15/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1104409

0.005 0.005 0.005 0.005 0.005 0.005 0.005						
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0.004						
0.005						
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0.005						
0.005						
0.005						
0.05						
0.005						
0.005						
0.005						
0.005						
Reporting Limit						
UST2-W-18'						
Analytical Method: SW8260B Work Order: 1104409						

Comments

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

^{*} water and vapor samples are reported in $\mu g/L$, 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 $\mu g/W$ in μg

Tetra Tech GEO	Client Project ID: #117-4704104.01; Safeway-UST Pull Client Contact: Tim Costello	Date Sampled: 04/13/11
2969 Prospect Drive, Ste. 100	Safeway-UST Pull	Date Received: 04/14/11
2909 Hospect Dilve, Stc. 100	Client Contact: Tim Costello	Date Extracted: 04/14/11
Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed: 04/15/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1104409

%SS3:	97	7					
%SS1:	91			%SS2:	11	1	
		Surre	ogate Re	coveries (%)	•		
Vinvl Chloride	ND	1.0	0.005		ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Matrix				Soil			
Client ID				DISP1-5'			
Lab ID		1104409-007A					
Extraction Method: SW5030B	Analytical Method: SW8260B Work Order: 1104409						

Comments

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

^{*} water and vapor samples are reported in $\mu g/L$, 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 $\mu g/W$ in μg

Tetra Tech GEO	Client Project ID: #117-4704104.01;	Date Sampled: 04/13/11
2969 Prospect Drive, Ste. 100	Safeway-UST Pull	Date Received: 04/14/11
2909 Prospect Drive, Ste. 100	Client Contact: Tim Costello	Date Extracted: 04/14/11
Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed: 04/15/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1104409

%SS3:	97	7					
%SS1:	92	2		%SS2:	11	2	
		Surre	ogate Re	coveries (%)			
Vinvl Chloride	ND	1.0	0.005		ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Matrix				Soil			
Client ID				DISP2-5'			
Lab ID	1104409-008A						
Extraction Method: SW5030B		Analyti	ical Metho	od: SW8260B	Work Order: 1104	409	

Comments

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

^{*} water and vapor samples are reported in $\mu g/L$, 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 $\mu g/W$ in μg

Tetra Tech GEO	3	Date Sampled: 04/13/11
2969 Prospect Drive, Ste. 100	Safeway-UST Pull	Date Received: 04/14/11
	Client Contact: Tim Costello	Date Extracted: 04/14/11
Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed: 04/15/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1104409

%SS3:	98	3			·		
%SS1:	92	2		%SS2:	11	2	
	_	Surre	ogate Re	coveries (%)			
Vinvl Chloride	ND	1.0	0.005		ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Matrix				Soil			
Client ID				DISP3-5'			
Lab ID				1104409-009A			
Extraction Method: SW5030B	Analytical Method: SW8260B Work Order: 1104409						
	Analytical Method: SW8260B Work Order: 1104409						

Comments

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

^{*} water and vapor samples are reported in $\mu g/L$, 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 $\mu g/W$ in μg

Tetra Tech GEO	Client Project ID: #117-4704104.01;	Date Sampled: 04/13/11
2969 Prospect Drive, Ste. 100	Safeway-UST Pull	Date Received: 04/14/11
	Client Contact: Tim Costello	Date Extracted: 04/14/11
Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed: 04/15/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1104409

Extraction Method: SW5030B		Analyt	ical Metho	od: SW8260B	Work Order: 1104	409	
Lab ID		1104409-010A					
Client ID		DISP4-5'					
Matrix				Soil			
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinvl Chloride	ND	1.0	0.005		ND	1.0	0.005
		Surr	ogate Re	ecoveries (%)			
%SS1:	91			%SS2:	11	2.	
%SS3:	96			7000-			
, and the second							

Comments:

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

^{*} water and vapor samples are reported in $\mu g/L$, 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 $\mu g/wipe$.

Tetra Tech GEO	Client Project ID: #117-4704104.01;	Date Sampled: 04/13/11
2969 Prospect Drive, Ste. 100	Safeway-UST Pull	Date Received: 04/14/11
	Client Contact: Tim Costello	Date Extracted: 04/14/11
Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed: 04/15/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1104409

Acetone	Extraction Method: SW5030B	-	Analyt	ical Metho	od: SW8260B	Work Order: 1104	409	
Matrix	Lab ID				1104409-011A			
Compound Concentration DF Reporting Commound Concentration DF Report	Client ID		PIPE-1-5'					
Concentration DF Limit Commound DF Limit Commound DF Limit DF Limit	Matrix				Soil			
Benzone ND	Compound	Concentration *	DF		Compound	Concentration *	DF	Reporting Limit
Bromochloromethane	Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Bromoform	Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
2-Butanone (MEK) ND	Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
ND	Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
tert-Butyl benzene ND 1.0 0.005 Carbon Disulfide ND 1.0 0.00 Carbon Tetrachloride ND 1.0 0.005 Chlorobenzene ND 1.0 0.00 Chlorotelane ND 1.0 0.005 Chlorotoluene ND 1.0 0.00 4-Chlorotoluene ND 1.0 0.005 2-Chlorotoluene ND 1.0 0.00 4-Chlorotoluene ND 1.0 0.004 1.2-Dibromo-3-chloropropane ND 1.0 0.004 1.2-Dibromoethane ND 1.0 0.00 1,2-Dichlorobenzene ND 1.0 0.004 1.2-Dichlorobenzene ND 1.0 0.00 1,3-Dichlorodifluoromethane ND 1.0 0.005 1.1-Dichloroethane ND 1.0 0.00 1,2-Dichlorodethane (1,2-Dichloroethane (1,2-Dichloroethane ND 1.0 0.00 1.1-Dichloroethane ND 1.0 0.00 1,2-Dichloropropane ND 1.0 0.005 1.1-Dichlo	2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
Carbon Tetrachloride	n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
Chloroethane	tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Chloromethane	Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
A-Chlorotoluene ND 1.0 0.005 Dibromochloromethane ND 1.0 0.006 1,2-Dibromo-3-chloropropane ND 1.0 0.004 1,2-Dibromoethane (EDB) ND 1.0 0.005 1,3-Dichlorobenzene ND 1.0 0.005 1,3-Dichlorobenzene ND 1.0 0.005 1,3-Dichlorobenzene ND 1.0 0.005 1,4-Dichlorobenzene ND 1.0 0.006 1,2-Dichloroethane (1,2-DCA) ND 1.0 0.005 1,1-Dichloroethane ND 1.0 0.006 1,2-Dichloroethane (1,2-DCA) ND 1.0 0.004 1,2-Dichloroethane (1,2-DCA) ND 1.0 0.005 1,2-Dichloropthane ND 1.0 0.005 1,2-Dichloropthane ND 1.0 0.005 1,2-Dichloropthane ND 1.0 0.005 1,2-Dichloropthane ND 1.0 0.005 1,2-Dichloroptopane ND 1.0 0.005 1,2-Dichloroptopane ND 1.0 0.005 1,2-Dichloroptopane ND 1.0 0.005 1,3-Dichloroptopane ND 1.0 0.005 1,1-Dichloroptopane ND 1.0 0.00	Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
Dibromomethane	4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,3-Dichlorobenzene ND 1.0 0.005 1,4-Dichlorobenzene ND 1.0 0.005	1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dichlorodifluoromethane ND	Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
cis-1,2-Dichloroethene ND 1.0 0.005 trans-1,2-Dichloroethene ND 1.0 0.00 1,2-Dichloropropane ND 1.0 0.005 1,3-Dichloropropane ND 1.0 0.00 2,2-Dichloropropane ND 1.0 0.005 1,1-Dichloropropene ND 1.0 0.00 cis-1,3-Dichloropropene ND 1.0 0.005 trans-1,3-Dichloropropene ND 1.0 0.00 Diisopropyl ether (DIPE) ND 1.0 0.005 Ethylbenzene ND 1.0 0.00 Ethyl tert-butyl ether (ETBE) ND 1.0 0.005 Ethylbenzene ND 1.0 0.0 Hexachlorobutadiene ND 1.0 0.005 Hexachloroethane ND 1.0 0.0 2-Hexanone ND 1.0 0.005 Isopropylbenzene ND 1.0 0.0 4-Isopropyl toluene ND 1.0 0.005 Methyl-t-butyl ether (MTBE) ND 1.0 0.0 Methylene chloride <td< td=""><td>Dichlorodifluoromethane</td><td>ND</td><td>1.0</td><td>0.005</td><td>1,1-Dichloroethane</td><td>ND</td><td>1.0</td><td>0.005</td></td<>	Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
cis-1,2-Dichloroethene ND 1.0 0.005 trans-1,2-Dichloroethene ND 1.0 0.00 1,2-Dichloropropane ND 1.0 0.005 1,3-Dichloropropane ND 1.0 0.00 2,2-Dichloropropane ND 1.0 0.005 1,1-Dichloropropene ND 1.0 0.00 cis-1,3-Dichloropropene ND 1.0 0.005 trans-1,3-Dichloropropene ND 1.0 0.00 Diisopropyl ether (DIPE) ND 1.0 0.005 Ethylbenzene ND 1.0 0.00 Ethyl tert-butyl ether (ETBE) ND 1.0 0.005 Ethylbenzene ND 1.0 0.0 Hexachlorobutadiene ND 1.0 0.005 Hexachloroethane ND 1.0 0.0 2-Hexanone ND 1.0 0.005 Isopropylbenzene ND 1.0 0.0 4-Isopropyl toluene ND 1.0 0.005 Methyl-t-butyl ether (MTBE) ND 1.0 0.0 Methylene chloride <td< td=""><td>1,2-Dichloroethane (1,2-DCA)</td><td>ND</td><td>1.0</td><td>0.004</td><td>1,1-Dichloroethene</td><td>ND</td><td>1.0</td><td>0.005</td></td<>	1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
2,2-Dichloropropane ND 1.0 0.005 1,1-Dichloropropene ND 1.0 0.00 cis-1,3-Dichloropropene ND 1.0 0.005 trans-1,3-Dichloropropene ND 1.0 0.00 Diisopropyl ether (DIPE) ND 1.0 0.005 Ethylbenzene ND 1.0 0.00 Ethyl tert-butyl ether (ETBE) ND 1.0 0.005 Freon 113 ND 1.0 0.0 Hexachlorobutadiene ND 1.0 0.005 Hexachloroethane ND 1.0 0.0 2-Hexanone ND 1.0 0.005 Isopropylbenzene ND 1.0 0.0 4-Isopropyl toluene ND 1.0 0.005 Methyl-t-butyl ether (MTBE) ND 1.0 0.0 Methylene chloride ND 1.0 0.005 4-Methyl-z-pentanone (MIBK) ND 1.0 0.0 Naphthalene ND 1.0 0.005 n-Propyl benzene ND 1.0 0.0 Styrene ND 1.0 <td></td> <td>ND</td> <td>1.0</td> <td>0.005</td> <td>trans-1,2-Dichloroethene</td> <td>ND</td> <td>1.0</td> <td>0.005</td>		ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
cis-1,3-Dichloropropene ND 1.0 0.005 trans-1,3-Dichloropropene ND 1.0 0.00 Diisopropyl ether (DIPE) ND 1.0 0.005 Ethylbenzene ND 1.0 0.00 Ethyl tert-butyl ether (ETBE) ND 1.0 0.005 Freon 113 ND 1.0 0.0 Hexachlorobutadiene ND 1.0 0.005 Hexachloroethane ND 1.0 0.00 2-Hexanone ND 1.0 0.005 Isopropylbenzene ND 1.0 0.00 4-Isopropyl toluene ND 1.0 0.005 Methyl-t-butyl ether (MTBE) ND 1.0 0.00 Methylene chloride ND 1.0 0.005 4-Methyl-2-pentanone (MIBK) ND 1.0 0.00 Naphthalene ND 1.0 0.005 n-Propyl benzene ND 1.0 0.00 Styrene ND 1.0 0.005 Tetrachloroethane ND 1.0 0.00 Toluene ND 1.0	1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
Diisopropyl ether (DIPE) ND 1.0 0.005 Ethylbenzene ND 1.0 0.00 Ethyl tert-butyl ether (ETBE) ND 1.0 0.005 Freon 113 ND 1.0 0.0 Hexachlorobutadiene ND 1.0 0.005 Hexachloroethane ND 1.0 0.00 2-Hexanone ND 1.0 0.005 Isopropylbenzene ND 1.0 0.00 4-Isopropyl toluene ND 1.0 0.005 Methyl-t-butyl ether (MTBE) ND 1.0 0.00 Methylene chloride ND 1.0 0.005 4-Methyl-2-pentanone (MIBK) ND 1.0 0.00 Naphthalene ND 1.0 0.005 n-Propyl benzene ND 1.0 0.00 Styrene ND 1.0 0.005 1,1,1,2-Tetrachloroethane ND 1.0 0.00 1,1,2,2-Tetrachloroethane ND 1.0 0.005 1,2,3-Trichloroethane ND 1.0 0.00 1,2,4-Trichloroethane ND	2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE) ND 1.0 0.005 Freon 113 ND 1.0 0.1 Hexachlorobutadiene ND 1.0 0.005 Hexachloroethane ND 1.0 0.00 2-Hexanone ND 1.0 0.005 Isopropylbenzene ND 1.0 0.00 4-Isopropyl toluene ND 1.0 0.005 Methyl-t-butyl ether (MTBE) ND 1.0 0.00 Methylene chloride ND 1.0 0.005 4-Methyl-2-pentanone (MIBK) ND 1.0 0.00 Naphthalene ND 1.0 0.005 n-Propyl benzene ND 1.0 0.00 Styrene ND 1.0 0.005 1,1,1,2-Tetrachloroethane ND 1.0 0.00 1,1,2,2-Tetrachloroethane ND 1.0 0.005 1,2,3-Trichloroethane ND 1.0 0.00 1,2,4-Trichloroethane ND 1.0 0.005 1,1,1-Trichloroethane ND 1.0 0.00 1,2,4-Trimethylbenzene ND	cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Hexachlorobutadiene ND 1.0 0.005 Hexachloroethane ND 1.0 0.00 2-Hexanone ND 1.0 0.005 Isopropylbenzene ND 1.0 0.00 4-Isopropyl toluene ND 1.0 0.005 Methyl-t-butyl ether (MTBE) ND 1.0 0.00 Methylene chloride ND 1.0 0.005 4-Methyl-2-pentanone (MIBK) ND 1.0 0.00 Naphthalene ND 1.0 0.005 n-Propyl benzene ND 1.0 0.00 Styrene ND 1.0 0.005 1,1,1,2-Tetrachloroethane ND 1.0 0.00 1,1,2,2-Tetrachloroethane ND 1.0 0.005 Tetrachloroethene ND 1.0 0.00 1,2,4-Trichlorobenzene ND 1.0 0.005 1,1,1-Trichloroethane ND 1.0 0.00 1,1,2-Trichloroethane ND 1.0 0.005 Trichloroethane ND 1.0 0.00 1,2,4-Trimethylbenzene ND	Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
2-Hexanone ND 1.0 0.005 Isopropylbenzene ND 1.0 0.00 4-Isopropyl toluene ND 1.0 0.005 Methyl-t-butyl ether (MTBE) ND 1.0 0.00 Methylene chloride ND 1.0 0.005 4-Methyl-2-pentanone (MIBK) ND 1.0 0.00 Naphthalene ND 1.0 0.005 n-Propyl benzene ND 1.0 0.00 Styrene ND 1.0 0.005 1,1,1,2-Tetrachloroethane ND 1.0 0.00 1,1,2,2-Tetrachloroethane ND 1.0 0.005 Tetrachloroethene ND 1.0 0.00 1,2,4-Trichlorobenzene ND 1.0 0.005 1,1,1-Trichloroethane ND 1.0 0.00 1,1,2-Trichloroethane ND 1.0 0.005 Trichloroethane ND 1.0 0.00 1,2,4-Trimethylbenzene ND 1.0 0.005 1,2,3-Trichloropropane ND 1.0 0.00 1,2,4-Trimethylbenzene ND </td <td>Ethyl tert-butyl ether (ETBE)</td> <td>ND</td> <td>1.0</td> <td>0.005</td> <td>Freon 113</td> <td>ND</td> <td>1.0</td> <td>0.1</td>	Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
Methylene chloride ND 1.0 0.005 4-Methyl-2-pentanone (MIBK) ND 1.0 0.00 Naphthalene ND 1.0 0.005 n-Propyl benzene ND 1.0 0.00 Styrene ND 1.0 0.005 1,1,1,2-Tetrachloroethane ND 1.0 0.00 1,1,2,2-Tetrachloroethane ND 1.0 0.005 Tetrachloroethane ND 1.0 0.00 Toluene ND 1.0 0.005 1,2,3-Trichlorobenzene ND 1.0 0.00 1,2,4-Trichloroethane ND 1.0 0.005 1,1,1-Trichloroethane ND 1.0 0.00 1,1,2-Trichloroethane ND 1.0 0.005 Trichloroethane ND 1.0 0.00 Trichlorofluoromethane ND 1.0 0.005 1,2,3-Trichloropropane ND 1.0 0.00 1,2,4-Trimethylbenzene ND 1.0 0.005 1,3,5-Trimethylbenzene ND 1.0 0.00	2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
Methylene chloride ND 1.0 0.005 4-Methyl-2-pentanone (MIBK) ND 1.0 0.00 Naphthalene ND 1.0 0.005 n-Propyl benzene ND 1.0 0.00 Styrene ND 1.0 0.005 1,1,1,2-Tetrachloroethane ND 1.0 0.00 1,1,2,2-Tetrachloroethane ND 1.0 0.005 Tetrachloroethane ND 1.0 0.00 Toluene ND 1.0 0.005 1,2,3-Trichloroethane ND 1.0 0.00 1,2,4-Trichloroethane ND 1.0 0.005 Trichloroethane ND 1.0 0.00 Trichlorofluoromethane ND 1.0 0.005 1,2,3-Trichloropropane ND 1.0 0.00 1,2,4-Trimethylbenzene ND 1.0 0.005 1,3,5-Trimethylbenzene ND 1.0 0.00	4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Styrene ND 1.0 0.005 $1.1,1,2$ -Tetrachloroethane ND 1.0 0.00 $1,1,2,2$ -Tetrachloroethane ND 1.0 0.005 Tetrachloroethane ND 1.0 0.00 Toluene ND 1.0 0.005 1,2,3-Trichlorobenzene ND 1.0 0.00 1,2,4-Trichlorobenzene ND 1.0 0.005 1,1,1-Trichloroethane ND 1.0 0.00 1,1,2-Trichloroethane ND 1.0 0.005 Trichloroethane ND 1.0 0.00 Trichlorofluoromethane ND 1.0 0.005 1,2,3-Trichloropropane ND 1.0 0.00 1,2,4-Trimethylbenzene ND 1.0 0.005 1,3,5-Trimethylbenzene ND 1.0 0.00	Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Toluene ND 1.0 0.005 1,2,3-Trichlorobenzene ND 1.0 0.00 1,2,4-Trichlorobenzene ND 1.0 0.005 1,1,1-Trichloroethane ND 1.0 0.00 1,1,2-Trichloroethane ND 1.0 0.005 Trichloroethene ND 1.0 0.00 Trichlorofluoromethane ND 1.0 0.005 1,2,3-Trichloropropane ND 1.0 0.00 1,2,4-Trimethylbenzene ND 1.0 0.005 1,3,5-Trimethylbenzene ND 1.0 0.00	Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,2,4-Trichlorobenzene ND 1,0 0.005 1,1,1-Trichloroethane ND 1,0 0.00 1,1,2-Trichloroethane ND 1.0 0.005 Trichloroethene ND 1.0 0.00 Trichlorofluoromethane ND 1.0 0.005 1,2,3-Trichloropropane ND 1.0 0.00 1,2,4-Trimethylbenzene ND 1.0 0.005 1,3,5-Trimethylbenzene ND 1.0 0.00	1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
1,1,2-Trichloroethane ND 1.0 0.005 Trichloroethene ND 1.0 0.00 Trichlorofluoromethane ND 1.0 0.005 1,2,3-Trichloropropane ND 1.0 0.00 1,2,4-Trimethylbenzene ND 1.0 0.005 1,3,5-Trimethylbenzene ND 1.0 0.00	Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
Trichlorofluoromethane ND 1.0 0.005 1,2,3-Trichloropropane ND 1.0 0.00 1,2,4-Trimethylbenzene ND 1.0 0.005 1,3,5-Trimethylbenzene ND 1.0 0.00	1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,2,4-Trimethylbenzene ND 1.0 0.005 1,3,5-Trimethylbenzene ND 1.0 0.00	1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
	Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
Vinyl Chloride ND 1.0 0.005 Xylenes Total ND 1.0 0.00	1,2,4-Trimethylbenzene	ND	1.0			ND	1.0	0.005
VIIIVI CIIIONIde 1.0 1.0 10.003 Avienes, Total 1.0 1.0 1.0	Vinvl Chloride	ND	1.0	0.005	Xvlenes, Total	ND	1.0	0.005
Surrogate Recoveries (%)			Surr					
%SS1: 92 %SS2: 110	%SS1:	92	2		%SS2:	11	0	
%SS3: 96	%SS3:	96	5					

Comments:

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

^{*} water and vapor samples are reported in $\mu g/L$, 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 $\mu g/W$ in μg

Tetra Tech GEO

Client Project ID: #117-4704104.01;
Safeway-UST Pull

Date Sampled: 04/13/11

Date Received: 04/14/11

Client Contact: Tim Costello

Date Extracted: 04/14/11

Client P.O.:

Date Analyzed: 04/15/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1104409

Extraction Method: SW5030B		Anaiyi	ncai Metno	0d: SW8200B	work Order: 1102	1409	
Lab ID				1104409-012A			
Client ID				PIPE-2-5'			
Matrix				Soil			
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1.1.1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005	Trichloroethene	ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinyl Chloride	ND	1.0	_	Xvlenes, Total	ND	1.0	0.005
	* '*	110		ecoveries (%)	* • •	-1-	
%SS1:	9:		- 5 111	%SS2:	1	1 1	
%SS3:	9.			/0.3.5.2.	1.	1.1	
1 (0.7.7.7.)	9	,		1			

Comments

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

^{*} water and vapor samples are reported in $\mu g/L$, 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 $\mu g/W$ in μg

Tetra Tech GEO	Client Project ID: #117-4704104.01;	Date Sampled: 04/13/11
2969 Prospect Drive, Ste. 100	Safeway-UST Pull	Date Received: 04/14/11
	Client Contact: Tim Costello	Date Extracted: 04/14/11
Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed: 04/15/11

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

Extraction Method: SW5030B Analytical Method: SW8260B Work Order: 1104409

			10411110	d. 5110200B	Work Order: 110		
Lab ID	1104409-013A						
Client ID		PIPE-3-5'					
Matrix				Soil			
Compound	Concentration *	DF	Reporting Limit	Compound	Concentration *	DF	Reporting Limit
Acetone	ND	1.0	0.05	tert-Amyl methyl ether (TAME)	ND	1.0	0.005
Benzene	ND	1.0	0.005	Bromobenzene	ND	1.0	0.005
Bromochloromethane	ND	1.0	0.005	Bromodichloromethane	ND	1.0	0.005
Bromoform	ND	1.0	0.005	Bromomethane	ND	1.0	0.005
2-Butanone (MEK)	ND	1.0	0.02	t-Butyl alcohol (TBA)	ND	1.0	0.05
n-Butyl benzene	ND	1.0	0.005	sec-Butyl benzene	ND	1.0	0.005
tert-Butyl benzene	ND	1.0	0.005	Carbon Disulfide	ND	1.0	0.005
Carbon Tetrachloride	ND	1.0	0.005	Chlorobenzene	ND	1.0	0.005
Chloroethane	ND	1.0	0.005	Chloroform	ND	1.0	0.005
Chloromethane	ND	1.0	0.005	2-Chlorotoluene	ND	1.0	0.005
4-Chlorotoluene	ND	1.0	0.005	Dibromochloromethane	ND	1.0	0.005
1,2-Dibromo-3-chloropropane	ND	1.0	0.004	1,2-Dibromoethane (EDB)	ND	1.0	0.004
Dibromomethane	ND	1.0	0.005	1,2-Dichlorobenzene	ND	1.0	0.005
1,3-Dichlorobenzene	ND	1.0	0.005	1,4-Dichlorobenzene	ND	1.0	0.005
Dichlorodifluoromethane	ND	1.0	0.005	1,1-Dichloroethane	ND	1.0	0.005
1,2-Dichloroethane (1,2-DCA)	ND	1.0	0.004	1,1-Dichloroethene	ND	1.0	0.005
cis-1,2-Dichloroethene	ND	1.0	0.005	trans-1,2-Dichloroethene	ND	1.0	0.005
1,2-Dichloropropane	ND	1.0	0.005	1,3-Dichloropropane	ND	1.0	0.005
2,2-Dichloropropane	ND	1.0	0.005	1,1-Dichloropropene	ND	1.0	0.005
cis-1,3-Dichloropropene	ND	1.0	0.005	trans-1,3-Dichloropropene	ND	1.0	0.005
Diisopropyl ether (DIPE)	ND	1.0	0.005	Ethylbenzene	ND	1.0	0.005
Ethyl tert-butyl ether (ETBE)	ND	1.0	0.005	Freon 113	ND	1.0	0.1
Hexachlorobutadiene	ND	1.0	0.005	Hexachloroethane	ND	1.0	0.005
2-Hexanone	ND	1.0	0.005	Isopropylbenzene	ND	1.0	0.005
4-Isopropyl toluene	ND	1.0	0.005	Methyl-t-butyl ether (MTBE)	ND	1.0	0.005
Methylene chloride	ND	1.0	0.005	4-Methyl-2-pentanone (MIBK)	ND	1.0	0.005
Naphthalene	ND	1.0	0.005	n-Propyl benzene	ND	1.0	0.005
Styrene	ND	1.0	0.005	1,1,1,2-Tetrachloroethane	ND	1.0	0.005
1,1,2,2-Tetrachloroethane	ND	1.0	0.005	Tetrachloroethene	ND	1.0	0.005
Toluene	ND	1.0	0.005	1,2,3-Trichlorobenzene	ND	1.0	0.005
1,2,4-Trichlorobenzene	ND	1.0	0.005	1,1,1-Trichloroethane	ND	1.0	0.005
1,1,2-Trichloroethane	ND	1.0	0.005		ND	1.0	0.005
Trichlorofluoromethane	ND	1.0	0.005	1,2,3-Trichloropropane	ND	1.0	0.005
1,2,4-Trimethylbenzene	ND	1.0	0.005	1,3,5-Trimethylbenzene	ND	1.0	0.005
Vinvl Chloride	ND	1.0	0.005	Xvlenes, Total	ND	1.0	0.005
		Surr		coveries (%)			
%SS1:	92			%SS2:	1	11	
%SS3:	96			1 0 00 00 00		-	

Comments

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

^{*} water and vapor samples are reported in $\mu g/L$, 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 $\mu g/W$ in μg



Tetra Tech GEO	Client Project ID: #117-4704104.01; Safeway-UST Pull	Date Sampled: 04/13/11-04/14/11
2969 Prospect Drive, Ste. 100	Saleway-OST Full	Date Received: 04/14/11
1	Client Contact: Tim Costello	Date Extracted: 04/14/11
Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed 04/15/11

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

Extraction method S'	Extraction method SW5030B Analytical methods SW8015Bm Work Order: 1104409							
Lab ID	Client ID	Matrix	TPH(g)	DF	% SS	Comments		
001A	UST1-E-18'	S	ND	1	90			
002A	UST1-C-18'	S	ND	1	78			
003A	UST1-W-18'	S	ND	1	85			
004A	UST2-E-18'	S	ND	1	80			
005A	UST2-C-18'	S	ND	1	89			
006A	UST2-W-18'	S	ND	1	83			
007A	DISP1-5'	S	ND	1	88			
008A	DISP2-5'	S	ND	1	89			
009A	DISP3-5'	S	ND	1	89			
010A	DISP4-5'	S	ND	1	88			
011A	PIPE-1-5'	S	ND	1	86			
012A	PIPE-2-5'	S	ND	1	88			
013A	PIPE-3-5'	S	ND	1	85			
_	orting Limit for DF =1;	W	NA		NA			
	neans not detected at or ever the reporting limit	S	1.0		mg/Kg	3		

Reporting Limit for DF =1;	W	NA	NA
ND means not detected at or	9	1.0	mg/Kg
above the reporting limit	3	1.0	nig/Kg

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

Angela Rydelius, Lab Manager

[#] 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:



Tetra Tech GEO	Client Project ID: #117-4704104.01; Safeway-UST Pull	Date Sampled: 04/13/11-04/14/11
2969 Prospect Drive, Ste. 100	Saleway-OS1 Full	Date Received: 04/14/11
1	Client Contact: Tim Costello	Date Extracted: 04/14/11
Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed: 04/15/11

LUFT 5 Metals*

Extraction	method: SW3050B			Analytica	al methods: SW6	5010B			Work O	04409	
Lab ID	Client ID	Matrix	Extraction Type	Cadmium	Chromium	Lead	Nickel	Zinc	DF	% SS	Comments
001A	UST1-E-18'	S	TOTAL	ND	51	5.8	55	63	1	98	
002A	UST1-C-18'	S	TOTAL	ND	54	6.8	65	60	1	95	
003A	UST1-W-18'	S	TOTAL	ND	58	9.0	62	65	1	97	
004A	UST2-E-18'	S	TOTAL	ND	53	6.8	58	61	1	94	
005A	UST2-C-18'	S	TOTAL	ND	46	6.0	49	55	1	92	
006A	UST2-W-18'	S	TOTAL	ND	60	8.1	60	66	1	93	
007A	DISP1-5'	S	TOTAL	ND	48	ND	47	71	1	93	
008A	DISP2-5'	S	TOTAL	ND	66	29	75	71	1	98	
009A	DISP3-5'	S	TOTAL	ND	51	7.3	48	64	1	99	
010A	DISP4-5'	S	TOTAL	ND	46	ND	48	63	1	94	
011A	PIPE-1-5'	S	TOTAL	ND	52	6.7	43	61	1	97	
012A	PIPE-2-5'	S	TOTAL	ND	49.93	5.5	47	64	1	100	
013A	PIPE-3-5'	S	TOTAL	ND	53	5.7	53	60	1	99	

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

*water samples are reported in $\mu g/L$, product/oil/non-aqueous liquid samples and all TCLP / STLC / DISTLC / SPLP extracts are reported in mg/L, soil/sludge/solid samples in mg/kg, wipe samples in $\mu g/\text{mip}$ filter samples in $\mu g/\text{mip}$ filter.

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

TOTAL = Hot acid digestion of a representative sample aliquot.

TRM = Total recoverable metals is the "direct analysis" of a sample aliquot taken from its acid-preserved container.

DISS = Dissolved metals by direct analysis of 0.45 μm filtered and acidified sample.

%SS = Percent Recovery of Surrogate Standard

DF = Dilution Factor

Angela Rydelius, Lab Manager

DHS ELAP Certification 1644



	Client Project ID: #117-4704104.01;	Date Sampled:	04/13/11-04/14/11
2969 Prospect Drive, Ste. 100	Safeway-UST Pull	Date Received:	04/14/11
	Client Contact: Tim Costello	Date Extracted:	04/14/11
Rancho Cordova, CA 95670	Client P.O.:	Date Analyzed:	04/14/11-04/18/11

Total Extractable Petroleum Hydrocarbons with Silica Gel Clean-Up*

Extraction method: SW3550B/3630C Analytical methods: SW8015B Work Order: 1104409 TPH-Diesel TPH-Motor Oil Client ID DF % SS Lab ID Matrix Comments (C10-C23) (C18-C36) 1104409-001A UST1-E-18' S ND ND 106 1104409-002A UST1-C-18' S ND ND 105 1104409-003A UST1-W-18' S 1.3 ND 103 1104409-004A UST2-E-18' S ND ND 102 1104409-005A UST2-C-18' S ND ND 102 1 1104409-006A UST2-W-18' S 100 ND ND 1104409-007A DISP1-5' S 98 ND ND 1104409-008A DISP2-5' S ND ND 1 97 1104409-009A DISP3-5' S ND ND 1 96 1104409-010A DISP4-5' S ND ND 1 99 1104409-011A PIPE-1-5' S ND ND 98 1104409-012A PIPE-2-5' S ND ND 1104409-013A PIPE-3-5' 101 S ND ND 1

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

^{*} 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 / STLC PTCLP extracts are reported in $\mu g/L$.

%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:

e2) diesel range compounds are significant; no recognizable pattern



[#] 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.

QC SUMMARY REPORT FOR SW8260B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57663 WorkOrder 1104409

EPA Method SW8260B	Extra	ction SW	5030B					S	piked Sar	nple ID	: 1104409-0)13a
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acceptance Criteria (%)
7 mary to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
tert-Amyl methyl ether (TAME)	ND	0.050	79	78.4	0.840	77.9	74.9	3.88	70 - 130	30	70 - 130	30
Benzene	ND	0.050	112	110	1.79	107	102	5.13	70 - 130	30	70 - 130	30
t-Butyl alcohol (TBA)	ND	0.25	78.6	82.7	5.01	89.3	87.8	1.68	70 - 130	30	70 - 130	30
Chlorobenzene	ND	0.050	119	117	1.30	108	104	2.96	70 - 130	30	70 - 130	30
1,2-Dibromoethane (EDB)	ND	0.050	90	90.3	0.236	84.7	83.4	1.50	70 - 130	30	70 - 130	30
1,2-Dichloroethane (1,2-DCA)	ND	0.050	99.4	99.6	0.198	94.5	91.5	3.31	70 - 130	30	70 - 130	30
1,1-Dichloroethene	ND	0.050	122	119	2.27	114	109	4.54	70 - 130	30	70 - 130	30
Diisopropyl ether (DIPE)	ND	0.050	109	108	1.26	105	101	4.80	70 - 130	30	70 - 130	30
Ethyl tert-butyl ether (ETBE)	ND	0.050	103	101	1.57	98.8	95.6	3.30	70 - 130	30	70 - 130	30
Methyl-t-butyl ether (MTBE)	ND	0.050	102	100	1.71	99.2	97.7	1.54	70 - 130	30	70 - 130	30
Toluene	ND	0.050	123	122	1.31	113	109	3.85	70 - 130	30	70 - 130	30
Trichloroethene	ND	0.050	113	111	2.12	106	102	4.06	70 - 130	30	70 - 130	30
%SS1:	92	0.12	89	90	0.491	92	92	0	70 - 130	30	70 - 130	30
%SS2:	111	0.12	114	115	0.822	112	114	1.76	70 - 130	30	70 - 130	30
%SS3:	96	0.012	99	101	1.88	99	98	0.323	70 - 130	30	70 - 130	30

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

BATCH 57663 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104409-001A	04/14/11 11:48 AM	04/14/11	04/14/11 9:39 PM	1104409-002A	04/14/11 10:22 AM	04/14/11	04/14/11 10:23 PM
1104409-003A	04/14/11 9:15 AM	04/14/11	04/14/11 11:08 PM	1104409-004A	04/14/11 1:40 PM	04/14/11	04/14/11 11:52 PM
1104409-005A	04/14/11 1:03 PM	04/14/11	04/15/11 12:36 AM	1104409-006A	04/14/11 12:16 PM	04/14/11	04/15/11 1:20 AM
1104409-007A	04/13/11 10:25 AM	04/14/11	04/15/11 2:04 AM	1104409-008A	04/13/11 10:35 AM	04/14/11	04/15/11 2:48 AM
1104409-009A	04/13/11 10:54 AM	04/14/11	04/15/11 3:32 AM	1104409-010A	04/13/11 10:44 AM	04/14/11	04/15/11 4:17 AM
1104409-011A	04/13/11 10:30 AM	04/14/11	04/15/11 5:01 AM	1104409-012A	04/13/11 10:40 AM	04/14/11	04/15/11 5:45 AM
1104409-013A	04/13/11 10:59 AM	04/14/11	04/15/11 6:26 AM				

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

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

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

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

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

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

QA/QC Officer

QC SUMMARY REPORT FOR SW8021B/8015Bm

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57681 WorkOrder 1104409

EPA Method SW8021B/8015Bm Extraction SW5030B Spiked Sample ID: 1104409-013A												
Analyte	Sample Spiked MS			MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Criteria (%)			
7 thaty to	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH(btex)	ND	0.60	110	116	5.22	113	104	8.78	70 - 130	20	70 - 130	20
MTBE	ND	0.10	108	122	12.7	110	110	0	70 - 130	20	70 - 130	20
Benzene	ND	0.10	84.3	92.2	8.85	89.2	83.6	6.43	70 - 130	20	70 - 130	20
Toluene	ND	0.10	82.9	89.5	7.68	87.9	82.4	6.47	70 - 130	20	70 - 130	20
Ethylbenzene	ND	0.10	84.9	90.4	6.28	89.4	84.4	5.71	70 - 130	20	70 - 130	20
Xylenes	ND	0.30	85.1	90.3	5.96	89.3	84.6	5.34	70 - 130	20	70 - 130	20
%SS:	85	0.10	80	81	1.11	83	84	1.46	70 - 130	20	70 - 130	20

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

BATCH 57681 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104409-001A	04/14/11 11:48 AM	04/14/11	04/15/11 7:50 AM	1104409-002A	04/14/11 10:22 AM	04/14/11	04/15/11 9:09 PM
1104409-003A	04/14/11 9:15 AM	04/14/11	04/15/11 2:22 PM	1104409-004A	04/14/11 1:40 PM	04/14/11	04/15/11 2:58 PM
1104409-005A	04/14/11 1:03 PM	04/14/11	04/15/11 3:32 PM	1104409-006A	04/14/11 12:16 PM	04/14/11	04/15/11 4:05 PM
1104409-007A	04/13/11 10:25 AM	04/14/11	04/15/11 4:23 PM	1104409-008A	04/13/11 10:35 AM	04/14/11	04/15/11 2:52 PM
1104409-009A	04/13/11 10:54 AM	04/14/11	04/15/11 4:53 PM	1104409-010A	04/13/11 10:44 AM	04/14/11	04/15/11 3:22 PM
1104409-011A	04/13/11 10:30 AM	04/14/11	04/15/11 4:38 PM	1104409-012A	04/13/11 10:40 AM	04/14/11	04/15/11 3:53 PM
1104409-013A	04/13/11 10:59 AM	04/14/11	04/15/11 5:11 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).

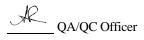
MS / MSD spike recoveries and / or %RPD may fall outside of laboratory acceptance criteria due to one or more of the following reasons: a) the sample is inhomogenous AND contains significant concentrations of analyte relative to the amount spiked, or b) the spiked sample's matrix interferes with the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



QC SUMMARY REPORT FOR 6010B

W.O. Sample Matrix: Soil QC Matrix: Soil WorkOrder 1104409

EPA Method SW6010B			Extraction SW3050B				BatchID: 57629			Spiked Sample ID:			3A
Analyte	Sample	Spiked	MS MSD MS-MSD			Spiked	LCS	LCSD	LCS-LCSD	Acc	eptanc	nce Criteria (%)	
7	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	mg/Kg	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
Cadmium	ND	50	99.2	93.1	6.39	10	91.9	90	2.09	75 - 125	25	75 - 125	25
Chromium	53	50	102	96.6	2.69	10	89.5	84.4	5.92	75 - 125	25	75 - 125	25
Lead	5.7	50	100	103	2.44	10	94.6	95.1	0.580	75 - 125	25	75 - 125	25
Nickel	53	50	103	103	0	10	91.4	89.5	2.07	75 - 125	25	75 - 125	25
Zinc	60	500	110	107	2.49	100	92	93.3	1.43	75 - 125	25	75 - 125	25
%SS:	99	500	97	99	2.40	500	103	106	2.68	70 - 130	20	70 - 130	20

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

BATCH 57629 SUMMARY

Lab ID	Date Sampled	Date Extracted Date An	alyzed Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104409-001A	04/14/11 11:48 AM	04/14/11 04/15/11 11:	:04 AM 1104409-002A	04/14/11 10:22 AM	04/14/11 0	4/15/11 11:08 AM
1104409-003A	04/14/11 9:15 AM	04/14/11 04/15/11 11:	:11 AM 1104409-004A	04/14/11 1:40 PM	04/14/11 0	4/15/11 11:14 AM
1104409-005A	04/14/11 1:03 PM	04/14/11 04/15/11 11:	:18 AM 1104409-006A	04/14/11 12:16 PM	04/14/11 0	4/15/11 11:21 AM
1104409-007A	04/13/11 10:25 AM	04/14/11 04/15/11 11:	:24 AM 1104409-008A	04/13/11 10:35 AM	04/14/11 0	4/15/11 11:34 AM
1104409-009A	04/13/11 10:54 AM	04/14/11 04/15/11 11:	:38 AM 1104409-010A	04/13/11 10:44 AM	04/14/11 0	4/15/11 11:41 AM
1104409-011A	04/13/11 10:30 AM	04/14/11 04/15/11 12	::47 PM 1104409-012A	04/13/11 10:40 AM	04/14/11 0	4/15/11 12:50 PM
1104409-013A	04/13/11 10:59 AM	04/14/11 04/15/11 12	:53 PM			

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

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

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

N/A = not applicable to this method.

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

QA/QC Officer

QC SUMMARY REPORT FOR SW8015B

W.O. Sample Matrix: Soil QC Matrix: Soil BatchID: 57680 WorkOrder 1104409

EPA Method SW8015B		S	piked San	nple ID:	1104409-0)13A						
Analyte	Sample	Spiked	MS	MSD	MS-MSD	LCS	LCSD	LCS-LCSD	Acce	eptance	Criteria (%)	١
	mg/Kg	mg/Kg	% Rec.	% Rec.	% RPD	% Rec.	% Rec.	% RPD	MS / MSD	RPD	LCS/LCSD	RPD
TPH-Diesel (C10-C23)	ND	40	128	127	0.810	110	111	0.521	70 - 130	30	70 - 130	30
%SS:	101	25	107	109	2.16	94	96	1.39	70 - 130	30	70 - 130	30

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

BATCH 57680 SUMMARY

Lab ID	Date Sampled	Date Extracted	Date Analyzed	Lab ID	Date Sampled	Date Extracted	Date Analyzed
1104409-001A	04/14/11 11:48 AM	04/14/11	04/15/11 11:59 AM	1104409-002A	04/14/11 10:22 AM	04/14/11	04/14/11 10:34 PM
1104409-003A	04/14/11 9:15 AM	04/14/11	04/14/11 11:45 PM	1104409-004A	04/14/11 1:40 PM	04/14/11	04/18/11 1:49 PM
1104409-005A	04/14/11 1:03 PM	04/14/11	04/15/11 2:05 AM	1104409-006A	04/14/11 12:16 PM	04/14/11	04/15/11 3:15 AM
1104409-007A	04/13/11 10:25 AM	04/14/11	04/15/11 4:25 AM	1104409-008A	04/13/11 10:35 AM	04/14/11	04/15/11 5:34 AM
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1104409-011A	04/13/11 10:30 AM	04/14/11	04/15/11 2:24 PM	1104409-012A	04/13/11 10:40 AM	04/14/11	04/15/11 3:32 PM
1104409-013A	04/13/11 10:59 AM	04/14/11	04/15/11 1:08 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

QA/QC Officer

Attachment D
Documentation for Concrete Recycling

the classifications and lawfully filed tariffs in effection of contents of packages unknown), marked, consigned. The destined as indicated below, which said carrieres to cerely to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier das to each party at any time interested in all or any of said property, that any service to be performed hereunder shale hereof, if this is a rail or a rail-water shipment, or (2) in the applicable motor carrier classification or tariff if this is a retely certifies that he is familiar with all the terms and conditions of the said bill of lading, set forth in the classification or lamiff if this is a referred property of the said bill of lading. Set forth in the classification or lamiff if this is a referred property of the said bill of lading. Set forth in the classification or lamiff if this is a referred property of the said bill of lading. Set forth in the classification or lamiff if this is a referred property of the said bill of lading. Set forth in the classification or lamiff if this is a referred property of the said bill of lading. Set forth in the classification or lamiff if this is a referred property of the said bill of lading. Set forth in the classification or lamiff if this is a referred property of the said bill of lading. Set forth in the classification or lamiff if this is a referred property of the said property. The property of the property of the said	TO CONSIGNEE: TO CONSIGNEE: STREET DESTINATION DEPTIONS	s including agreed as to each carric conditions of the Uniform Domestic insportation of this shipment, and t	coperty described aning any person or er of all or any of, s Straight Bill of Lad the said terms and CAR OR VE	said property over all or any portio ding set forth (1) in Uniform Freight d conditions are hereby agreed to l
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The Lessee expressly agrees to indemnify and save Lessor harmless from and against all costs, losses and claims for death or injury to persons, including employees of the Lessor, and loss, damage or injury to property including leased equipment caused for resulting, directly or indirectly, from the work covered by this order, or done by said equipment, it being expressly agreed that the leased equipment and the employees furnished therewith are under the exclusive jurisdiction, control and supervision of the Lessee.

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	party at any time interested in all or any of	is in effect on the date of issue of receipt by the carrie consigned, and destined as indicated below, which said carri nation, if on its route, otherwise to deliver to another carrier is said property, that any service to be performed hereunder so in the applicable motor carrier classification or tariff if this is	on the route to said destination. It hall be subject to all the terms and	the Original Bill of Lading, the p ood throughout this contract as mea is mutually agreed as to each carri conditions of the Uniform Domestic	roperty describe aning any person er of all or any of Straight Bill of La	or corpora f, said prop ading set l	ration in possession of the property un operty over all or any portion of said ro forth (1) in Uniform Freight Classificati
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† Shipper's imprints in lieu of stamp; not a part of bill of lading approved by the Interstate Commerce Commission.		payment of freight and all other I		Freight cha PREPAID u marked col	inless if charges
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not the Original Bill of Lading, nor a copy or

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SHIPPER'S NO.

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

CONDITIONS

The Lessee expressly agrees to indemnify and save Lessor harmless from and against all costs, losses and claims for death or injury to persons, including employees of the Lessor, and loss, damage or injury to property including leased equipment caused for resulting, directly or indirectly, from the work covered by this order, or done by said equipment, it being expressly agreed that the leased equipment and the employees furnished therewith are under the exclusive jurisdiction, control and supervision of the Lessee.

WEIGHMASTER CERTIFICATE IS IS TO CERTIFY that the following described commodity was weighed, measured or counted by a weighmaster, whose nature is on this certificate, who is a recognized authority of accuracy, as prescribed by chapter 7 (commencing with tion 12700) of division 5 of the California Business & Professional code, administered by the California Department of Food & Agriculture. LOCATION I STEVENS CREEK QUARRY, INC. **LOCATION 2** ≥100 STEVENS CANYON ROAD 1275 ANZAR ROAD CUPERTINO, CA 95014-5415 408 253-2512 • FAX 408 257-4614 SAN JUAN BAUTISTA, CA 95045 PH 831 623-9555 • FAX 831 623-1377 TICKET RIVER ⊠ON □ OFF 4863207 ATE / TIME **PRODUCT** HAULER / TRUCK LOCATION 12/2011 005 5 #33:55 PMDC5 SAXLE 0-9'CON NOREBAR 51112 PIRAYO TRKING (SCQ -CUFERTINO CUSTOMER QTY. UNIT **PRODUCT** PRICE **AMOUNT** 80 1.00Load OCS SAXLE 0-3'CON N CONTROL # VIRONMENTAL BUSINESS SOLUTIONS INC FRE1GHT der No: 102 TAX ads Today: 1. TOTAL DUE v. Todavi 1.00 ALL ACCOUNTS ARE DUE ON THE 25TH OF THE MONTH FOLLOWING THE DATE OF PURCHASE, BUYER AGREES TO PAY ANY COLLECTION COSTS INCURRED BY STEVENS CREEK QUARRY INCLUDING REASONABLE ATTORNEY'S FEES AND A SERVICE CHARGE OF 1 1/2% PER MONTH ON ALL OVERDUE BALANCES. 0 . DELIVERTO: 6201 CLAREHONT 0 SAFEMAY METRIC POUNDS TUNS 00 OSS: 9 0.00 () 0.00 RE: 0.00 0 0.00 WEIGHMASTER DRIVER 0.00 0 0.00 MARY PARSON

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RICH VOSS TRUCKING, INC. 214206 12100 STEVENS CREEK CANYON ROAD 408-253-2512

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Attachment E

Documentation for Disposal/Recycling of USTs and Rinsate

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Pink Customer

Gold Drive:

750-1

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	Ш	Generator's Phone: 925-226-5007 PLEASANTON, CA 94569 6. Transporter 1 Company Name		DAKLAND	CA 94611	i			
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	П	8. Designated Facility Name and Site Address				U.S. EPA ID N	lumber		
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	11	Facility's Phone: 510-235-1393 RICHMOND, CA 94801				ı			
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		I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large out	PA Acknowledgme	nt of Consent.	uaniih assess	ai regulations, ir e	export ships	ment and I am the Pri	mary
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	18b.	Alternate Facility (or Generator)	Ma	anifest Reference Nur		S. EPA ID Numbe	er		
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1	9. H	azardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment,	disposal, and recy	cling systems)					4
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20). De	esignated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the	600			1		•	
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Please print or type. (Form designed for use on elite (12) UNIFORM HAZARDOUS 1. Generator ID Number WASTE MANIFEST C A C 0 0 2 6 5			ergency Response		4. Manifest T	racking No	Approved. 0 umber 018		2.0
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8. Designated Facility Name and Site Address DEMENNO KERDOON 2000 NORTH ALAMEDA STREET COMPTON CA Facility's Phone: (\$10)537-7100	90222	e open le d'			U.S. EPA ID N		13352	: <u>.</u>)\	
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EPA Form 8700-22 (Rev. 3-05) Previous editions are	obsolete.					Т	RANSPO	RTER	S COP

Attachment F
Documentation for Disposal/Recycling of Hoists and
Hydraulic Oil

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Shipper's imprints in lieu of stamp; not a part of bill of lading oproyed by the interstate Commerce Commission.	The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding	shall sign the following statement.	and some gradies and some grade	TOTAL	
	5	The carrier shall not make deliver payment of freight and all other lawful	y of this shipment without charges.	CHARGES \$ Freight charges	Arc
"This is to certify that the above-named materials are prop	por orly classified described, packaged, marked and labeled, a	(Signature of Cons	ignor)	PREPAID unless marked collect	
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nament post-office address of shipper	omppe	ı, rer	-		nt, Per

Arra: Kori / Angela

WEIGHMASTER CERTIFICATE Number E-101895 Original

Date/Time: 04/12/11 11:53:19 /

THIS IS TO CERTIFY that the following described commod: was weighed, measured, or counted by a weighmaster, with signature is on this certificate, who is a recognized

the Division of Measurement Standards of the California

authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professions Code, administered

Dealers in Ferrous and Non-Ferrous Metals

WEIGHMASTER:

Alco Iron & Metal Co. 1091 Doolittle Dr. San Leandro, CA 94577

Carrier:

ALCO SUB HAULER

Live Load

Truck ID:

License:

9E22578

Trailers:

ox 70

30X 704

Commodity: 1 UNPREP

Delivered To: (Buyer)
Alco Iron & Metal Co

Weighed For: (Seller)

CDI / OAKLAND

Department of Food and Agriculture.

OAKLAND, CA

40,580 LB Gross

E 04/12/11 11:45:26 AM

31,380 LB Tare E 04/12/11 11:53:17 AM

9,200 LB Net

Jose Hernandez

Notes: 76 GAS STATION

\$ 280. C

Deputy SIGNATURE

Driver ARMANDO MENDOZA

BILL OF SALE

I hereby state that I am the lawful owner of the material described herein, that have a right to sell same and that for payment received in full, hereby acknowledge I sell and convey title of same to Alco Iron & Metal Co.

HOLD HARMLESS AGREEMENT:

Seller will indemnify and hold buyer harmless from damages, demands, and liabilities, including reasonable attorney's fees resulting from the breach of any warranty hereunder and driver agrees to be responsible for damage to vehicle during unloading.

I represent and warrant that this material does not contain a hazardous substance as defined by Federal or State Law, and I agree to indemnify Alco Iron & Metal Co. against all claims

 7-11-11

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Please print or type. (Form designed for use on elite (12) UNIFORM HAZARDOUS 1. Generator ID Number WASTE MANIFEST C A C 0 0 2 6 5			ergency Response		4. Manifest T	racking No	Approved. 0 umber 018		2.0
5. Generator's Name and Mailing Address SAFEWAY STORE 2870 E201 ROSEDWOOD DR PLEASANTON Generator's Phone:	CA 94588	6201 OAKL	ator's Site Address CLAREMONT AND		an mailing addres	s)	34618	79	
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	4 tr 8				<u> </u>				
8. Designated Facility Name and Site Address DEMENNO KERDOON 2000 NORTH ALAMEDA STREET COMPTON CA Facility's Phone: (\$10)537-7100	90222	e open le d'			U.S. EPA ID N		13352	: <u>.</u>)\	
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18b. Alternate Facility (or Generator)			Manifest Referen	ce Number:	U.S. EPA ID	Number		,	
18b. Alternate Facility (or Generator) Facility's Phone:									V
18c. Signature of Alternate Facility (or Generator) 19. Hazardous Waste Report Management Method Cod 1. 2.	on line and on far hazardaya wast-'t-	patment dispessed and	recycling systems	1			Mo	onth Da	y Year
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20. Designated Facility Owner or Operator: Certification Printed/Typed Name	of receipt of hazardous materials cover	ered by the manifest ex		em 18a		-	Mo	onth Da	y Year
EPA Form 8700-22 (Rev. 3-05) Previous editions are	obsolete.					Т	RANSPO	RTER	S COP

Attachment G Documentation for Imported Fill Material

County Quarry Products, L.L.C. 5501 IMHOFF DRIVE • MARTINEZ, CA 94553

Phone (925) 682-0707 • Fax (925) 682-0594 COMPLETE DECON 3 : 4690 E. 2ND ST #3

BENICIA, CA 94510

JODE:

11318

DATE CUSTOMER
03/30/11 COMPLET TICKET PRODUCT 263779 CENCON LOYD _TOTALS LOAD TRUCK WEIGHTS GROSS TARE i - i LOAD PUTY: SHARON ARNOLD

ALL WEIGHTS IN LB UNLESS OTHERWISE NOTED

WEIGHMASTER CERTIFICATE

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

CONDITIONS

The Lessee expressly agrees to indemnify and save Lessor harmless from and against all costs, losses and claims for death or injury to persons, including employees of the Lessor, and loss, damage or injury to property including leased equipment caused for resulting, directly or indirectly, from the work covered by this order, or done by said equipment, it being expressly agreed that the leased equipment and the employees furnished therewith are under the exclusive jurisdiction, control and supervision of the Lessee.



5501 IMHOFF DRIVE • MARTINEZ, CA 94553 Phone (925) 682-0707 • Fax (925) 682-0594

SOLD TD:

COMPLETE DECON 4690 E. 2ND ST #3 BENICIA, CA 94510

JOB:

11310

CUSTOMER COMPLET 263798 CLOCON 10YD TOTALS LOAD TRUCK WEIGHTS GROSS TARE 2 - 2 LOAD NET DEPUTY: SHARON ARNOLD

ALL WEIGHTS IN LB UNLESS OTHERWI

WEIGHMASTER CERTIFICATE

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County Quarry Products, L.L.C. 5501 IMHOFF DRIVE • MARTINEZ, CA 94553 Phone (925) 682-0707 • Fax (925) 682-0594

SOLD TOs

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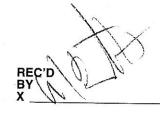
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DEPUTY:

YVONNE FIMBRES

ALL WEIGHTS IN LB UNLESS OTHERWISE NOTED



WEIGHMASTER CERTIFICATE

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5501 IMHOFF DRIVE • MARTINEZ, CA 94553 Phone (925) 682-0707 • Fax (925) 682-0594 Sofeway 11312

50LD TO

COMPLETE DECON 4690 E. 2ND ST #3 BENICIA, CA 94510

JOB:

11312

TIME

CUSTOMER COMPLET

TICKET

PRODUCT CL CON 10YD

TOTALS

1 - 1 LOAD

LOAD

GROSS

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NET

DEFUTY:

YVONNE FIMBRES

ALL WEIGHTS IN LB UNLESS OTHERWISE NOTED

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

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WEIGHMASTER'S CERTIFICATE

This is to certify that the following described commodity was weighed, measured, or counted aster, whose signature is on this certificate, who is a recognas prescribed by Chapter 7 (commencing with section 1270) of accu. of the California Business and Professions Code Administered by the Division of Measurement Standards of The California Department of Food and Agriculture.

12100 STEVENS CANYON ROAD		PHON 08) 253-	E	UA	CUPERTINO CALIF. 95014				
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BY X STEVENS CREEK QUARRY, INC. PRIVATE WEIGHMASTER BY	1-						(Si	HUTY	

CU. YDS.

this agreed between Buyer and Seller that sale is consummated and title passed at the plant site. The price of this material has been quoted FOB, our plant, and subject to sales tax on material only.

Transportation charge for this material is made by licensed, independent truck operators at Public Utilities Commission rates and subject, if applicable, to transportation tax only.

DELIVERY COPY

WEIGHMASTER CERTIFICATE

S TO CERTIFY that the following described commodity was weighed, measured or counted by a weighmaster, whose e is on this certificate, who is a recognized authority of accuracy, as prescribed by chapter 7 (commencing with 12700) of division 5 of the California Business & Professional code, administered by the California Department of Food & Agriculture.

LOCATION 1

LOCATION 1 STEVENS CANYON ROAD

STEVENS CREEK QUARRY, INC.

1275 ANZAR ROAD

SAN JUAN BAUTISTA, CA 95045

ERTINO, CA 95014-5415 253-2512 • FAX 408 257-4614		SAN JUAN BAUTISTA, CA 95045 PH 831 623-9555 • FAX 831 623-137	
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	HAULER / TRUCK	LOCATION	
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2011 OF 7:12 AMQUARRY FINES	84923 DENISE'S TRKING	SCQ - CUFERTINO	
CUSTOMER	QTY. UNIT PRODUCT	PRICE AMOUNT	
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21, 32 47000 23,50 PING: NO HAZARDOUS CONTAMINATED OR ORGANIC MATERIAL ACCESTOMER WHEN LOADED INTO THE TRUCK.	TENNIFER HERNANDEZ TED. WE RESERVE THE RIGHT TO REFUSE ANY LOAD, RESPONSIBILITY AND	OWNERSHIP OF MATERIAL BELONGS TO	

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 & Professional code, administered by the California Department of Food & Agriculture. STEVENS CREEK QUARRY, INC. **LOCATION 2**

12100 STEVENS CANYON ROAD CUPERTINO, CA 95014-5415 PH 408 253-2512 • FAX 408 257-4614

1275 ANZAR ROAD SAN JUAN BAUTISTA, CA 95045 PH 831 623-9555 • FAX 831 623-1377

DRIVER ⊠ON □OFF	TICKET	4863008
DATE / TIME PRODUCT	HAULER / TRUCK	LOCATION
4/12/2011 OF		
2:07:26 AM QUARRY FINES	S1112 PIRAYO TRKING (SC	Q - CULERTINO
CUSTOMER	QTY. UNIT PRODUCT PRICE	DE AMOUNT
5080 Environmental Business Solutio	23.50Ton QUARRY FINES	
Order No: 102 Loads Today: 1 Jty. Today: 23.30	FREIGHT TAX TOTAL DUE	CONTROL#
P.O. Scale 1	ALLACCOUNTS ARE DUE ON THE 25TH OF THE MONTH FOLLOWING THE DATE OF TO PAY ANY COLLECTION COSTS INCURRED BY STEVENS CREEK QUARE ATTORNEYS FEES AND A SERVICE CHARGE OF 1 1/2% PER MONTH ON ALL OVE	F PURCHASE, BUYER AGREES RY INCLUDING REASONABLE REDUE BALANCES.
METRIC POUNDS TONS	DELIVER TO: 6201 CLAREHONT - SAFEWAY	966
GROSS: 35.86 79060 39.53		ယ်
TARE: 14.54* 32060* 16.03*	WEIGHMASTER DRIVER	
NET: 21.32 47000 23.50 IF DUMPING: NO HAZARDOUS CONTAMINATED OR ORGANIC MATERIAL ACTHE CUSTOMER WHEN LOADED INTO THE TRUCK.	MARY PARSON CCEPTED, WE RESERVE THE RIGHT TO REFUSE ANY LOAD, RESPONSIBILITY AND OWNERSH	IP OF MATERIAL BELONGS TO

HIS IS TO CERTIFY that the following described commodity was weighed, measured or counted by a weighmaster, whose ignature is on this certificate, who is a recognized authority of accuracy, as prescribed by chapter 7 (commencing with ection 12700) of division 5 of the California Business & Professional code, administered by the California Department of Food & Agriculture. **LOCATION 1** STEVENS CREEK QUARRY, INC. **LOCATION 2**

12100 STEVENS CANYON ROAD CUPERTINO, CA 95014-5415 2H 408 253-2512 • FAX 408 257-4614

CUSTOMER WHEN LOADED INTO THE TRUCK.

DRIVER ON OFF

1275 ANZAR ROAD SAN JUAN BAUTISTA, CA 95045 PH 831 623-9555 • FAX 831 623-1377

TICKET

4863135

DATE / TIME **PRODUCT** HAULER / TRUCK LOCATION /12/2011 QF 0:39:31 ANQUARRY FINES 88828 RICH VOSS (TT) SCQ -CUPERTINO CUSTOMER QTY. UNIT PRODUCT PRICE **AMOUNT** 080 23.61Ton QUARRY FINES NVIRONWENTAL BUSINESS SOLUTIONS INC FREIGHT rder No: 102 TAX oads Today: TOTAL DUE 70.76 ty. Idday: A Fredetermined Tare ALL ACCOUNTS ARE DUE ON THE 25TH OF THE MONTH FOLLOWING THE DATE OF PURCHASE. BUYER AGREES TO PAY ANY COLLECTION COSTS INCURRED BY STEVENS CREEK QUARRY INCLUDING REASONABLE ATTORNEY'S FEES AND A SERVICE CHARGE OF 1 1/2% PER MONTH ON ALL OVERDUE BALANCES. .0. Scale 1 DELIVER TO: 6201 CLAREMONT SAFEMAY METRIC POUNDS TONS GROSS: 36.01 79380 39.69 TARE: 14.59* 32160* 16.084 WEIGHMASTER DRIVER VET: 21.42 47220 23.61 MARY PARSON F DUMPING: NO HAZARDOUS CONTAMINATED OR ORGANIC MATERIAL ACCEPTED. WE RESERVE THE RIGHT TO REFUSE ANY LOAD. RESPONSIBILITY AND OWNERSHIP OF MATERIAL BELONGS TO

CONTROL # 10797

SH Code:

RICH VOSS TRUCKING, INC. 212320 12 STEVENS CREEK CANYON ROAD 408-25 2

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# 0026651	<u></u>	CUPERTINO, CA 95014	

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CONTRACTOR

DO NOT WRITE IN THE SHADED AREA

SH Code: CA# 0026651	RICH 12100 ST	EVENS CANY	RUCKING ON ROAD 40 NO, CA 95014	i, INC. 08-253-2512	15584
	25		3.50		
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CONTRACTOR

REASON FOR DELAY

DRIVER'S SIGNATURE

CUSTOMER'S SIGNATURE

DO NOT WRITE IN THE SHADED AREA

TOTAL

NET CHARGEABLE TIME

APPLICABLE HOURLY RATE

RATE IN CENTS PER TON

HOURS

TONS

SIGN OUT

RICH VOSS TRUCKING, INC. 214206

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CUSTOMER'S SIGNATURE	11111	S	IGN OUT		TOTAL		

CONTRACTOR

DO NOT WRITE IN THE SHADED AREA

Attachment H
Compaction Report



Daily Field Report

This Field Report is Preliminary Final

Project Number	Client Name	Client Contact	Daily Field Report Number	
397-2-1	Complete Environmental	Ron Rinehart	1	
Project Name	Project Location	Client Contact Phone	Page	Date/Day of Week
6201 Claremont Ave.	Oakland, CA	916-990-4601	1 of 1	04-08-11/FRI
General Contractor	Contractor #1	Contractor #2/Contractor #3	Technician/	Assistant
Complete Environmental			JLF/JRD	
Superintendent	Foreman #1	Foreman #2/Foreman #3	Engineer of	Record
Neil Ongiil			JRD	
Operations Observed and Equipment	nent on Site			
UST Tank Pit Backfill				
Time Arrived/Time Left		Weather		
9AM-10AM & 3PM-4PM		Sunny, mild		

Field Observations

Two site visits were conducted today at the request of Mr. Ron Rinehart of Complete Environmental to observe UST tank pit backfill. Complete Environmental had placed approximately 3 feet of pea gravel in the tank pit up to approximately 8 feet below existing grade. No vibratory compaction equipment was on-site. The pea gravel was compacted by track rolling the lifts using a CAT 220 excavator. Non-woven filter fabro had been placed at the base of excavation (directly on top of the existing UST concrete slab which remained in-place) and against the sidewalls of the tank excavation. Upon our second site visit pea gravel had been placed up to approximately 4 ½ to 5 feet below grade. A remote controlled Ramex vibratory sheepsfoot was used for pea gravel compaction. The pea gravel was placed in 12 inch lifts. Neil Ongiil (foreman) for Complete Environmental informed me that the vibratory compaction equipment arrived soon after we departed from the site after our initial site visit today. No nuclear moisture density tests were conducted today. A site visit was scheduled for Monday, April 11, 2011 to observe/test imported quarry fines soil backfill compaction.

Jacob Lee 04/08/11

Legend: SAM=see attached map, FAB = Finish Aggregate Base, FSG = Finish Subgrade, EG = existing adjacent grade, ~ = approximate, SD=storm drain, SS=sanitary sewer, JT=joint trench, WL = water line

Was the previous report reviewed?	List any failing test nos. from this site visit	List any previous tests nos. still needing re-tests	GC/Contractor Notified of any failing tests	Person/company notified of results
☐ Yes ☐ No			☐ Yes ☐ No	
		List task(s) of previous tests still needing re-tests	GC/Contractor notified of remaining failing tests	Person/company notified of results

Items to be checked next site visit and date of next scheduled visit:

Follow-up Information

☐ Yes ☐ No



Daily Field Report

Project	t Number	Clie	nt Name		Client Conta	ct	Daily Field	Report Number	
397-2	-1	Cor	nplete Envi	ronmental	Ron Rineha	art	2		
Project	t Name	Proj	ect Location		Client Conta	t Phone	Page	Date/Day of \	Neek
5201	Claremont Ave.	Oal	land, CA		916-990-46	801	1 of 3	04-11-11/N	MON
	I Contractor	Con	ractor #1		Contractor #	2	Technician	n/Assistant	
Comp	lete Environmenta	al -			-		JLF		
	ntendent		man #1		Foreman #2	Foreman #3	Engineer of	of Record	
Veil O	ngiil	-			_		JRD		
Operati	ions Observed and E	quipment on S	ite						•
JST T	Tank Pit Backfill								
Γime A	rrived/Time Left				Weather				
10AM	/4PM				Sunny, Mil	d			
uclea	r Density Testing	Summary			-				
-	otion of Fill Materials		rce(s):				Density (pcf)	Optimum Mois	ture (%)
‡1 Ste	even's Creek Quar	ry Fines				1	142.0	6.5	
		Approx.		Remaining	1				
Test	Test Location	Test Location	Fill Deptl Beneath	n Fill Depth/		Compaction Moisture	/ Relative		Pass
No.	Description (SAM		Test	Grade	Number	Requirement		(%)	Fail
1	UST Pit	-3' FAB	1'	-3' FAB	1	95%	97_	7.9	Pass
2	UST Pit	-3' FAB	1'	-3' FAB	1	95%	97	8.7	Pas
3	UST Pit	-3' FAB	1'	-3' FAB	1	95%	_97	8.0	Pas
4	UST Pit	-2'FAB	2'	-2'FAB	1	95%	97	8.1	Pas
5	UST Pit	-2' FAB	2'	-2' FAB	1	95%	98	8.1	Pas
6	UST Pit	-1'FAB	3,	-1'FAB	1	95%	99	8.2	Pass
7	UST Pit	-1'FAB	3,	-1'FAB	1	95%	_100+	7.4	Pass
8	UST Pit	-6"FAB	3.5'	-6"FAB	1	95%	95	8.3	Pass
9	UST Pit	-6"FAB	3.5'	-6"FAB	1	95%	94	8.3	Fail
9A	UST Pit	-6"FAB	3.5'	-6"FAB	1	95%	97	8.7	Pass
10	UST Pit	-6"FAB	3.5'	-6"FAB	1	95%	94	8.9	Fail
10A	UST Pit	-6"FAB	3.5'	-6"FAB	1	95%	95	7.8	Pass
									1
	⊥ : SAM=see attached : rm drain, SS=sanitar;						ting adjacent g	rade, ~ = approxi	mate,
ollow	v-up Information					This Fi	eld Report is	Preliminary	☐ Fina
		st any failing to		List any previo			or Notified of	Person/compar	
eport r		m this site vis		nos. still need		any failing te	sts	notified of resu	
Yes	□ No					☐ Yes ☐	No		
				List task(s) of		GC/Contracto		Person/compar	
				tests still need	ling re-tests	remaining fai	ling tests	notified of resu	Its
						☐ Yes ☐	I		

and date of next scheduled visit:





Project Number	Client Name	Client Contact	Daily Field	Daily Field Report Number		
397-2-1	Complete Environmental Ron Rinehart 2					
Project Name	Project Location	Client Contact Phone	Page	Date/Day of Week		
6201 Claremont Ave.	Oakland, CA	916-990-4601	2 of 3	04-11-11/ MON		

Field Observations

I conducted a site visit to observe/test UST backfill. Complete Environmental was on-site compacting the first lift of quarry fine backfill upon my site arrival. Non-woven filter fabric was reportedly placed over the pea gravel fill (see DFR #1) prior to placement of quarry fines. A Dynapac CA152 vibratory sheepsfoot roller was used for backfill compaction. Quarry fines were placed in twelve inch lifts using a CAT 220 excavator. Twelve nuclear moisture density tests (including two retests) were conducted today; the results of the tests are shown in the table on page one. Test locations are on the attached map. A site visit was scheduled for tomorrow (Tuesday, April 12, 2011) to observe/test the final lift of quarry fines backfill.

Jacob Lee 04-11-11

Legend: SAM=see attached map, FAB = Finish Aggregate Base, FSG = Finish Subgrade, EG = existing adjacent grade, ~ = approximate, SD=storm drain, SS=sanitary sewer, JT=joint trench, WL = water line

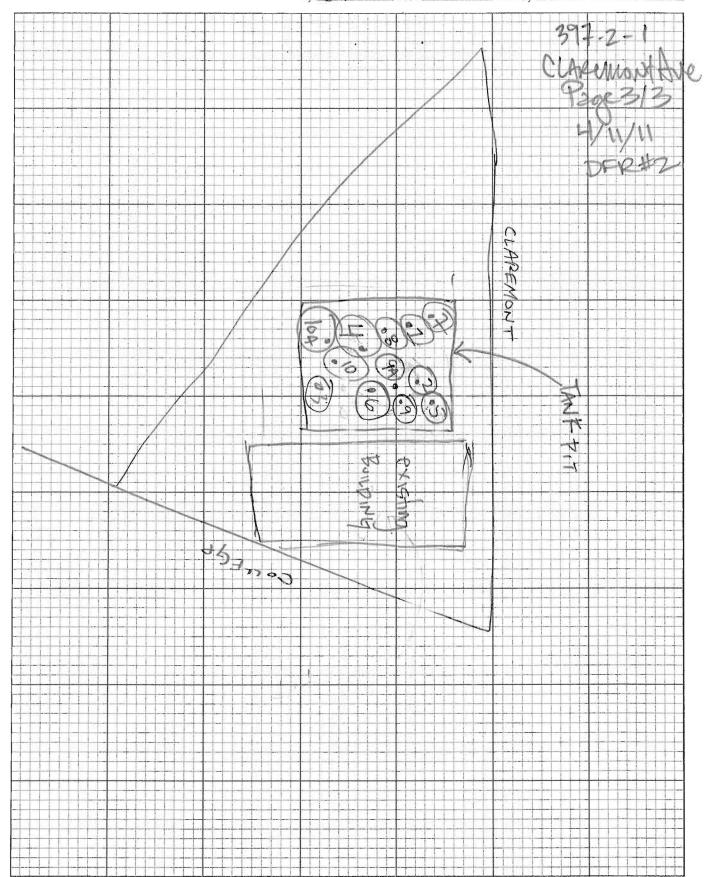


Project Name: 620 | CLAREMONT AVE

Subject: NFT location MAP

Project No.: 397-2-1 Sheet No.: of ______

By: UF Date: Chk'd by: Date: ______





Daily Field Report

			-										
Project	Number		Client	Name		-	Client Contac	t		Daily Field	Rep	ort Number	
397-2-					ironmental		Ron Rinehart			3			
Project			Projec	t Location		(Client Contac	t Ph	one	Page	- 1	Date/Day of W	
	Claremont Ave			and, CA			916-990-4601			1 of 3 04-12-11/TUE			
	l Contractor		Contra	actor #1		°	Contractor #2	2		Technician/Assistant			
	ete Environme	ental	-			-	•			JLF			
	tendent		Forem	an #1			Foreman #2/	Fore	man #3	Engineer o	of Re	cord	
Neil O			-			<u></u>	-			JRD			
	ons Observed ar		ment on Site	9									
	ank Pit Backfi												
12.000	rived/Time Left						Weather						
11AM/	12PM		-				Sunny, Mile	d					
Nuclea	r Density Tes	ting Su	ummary										
Descrip	tion of Fill Mater	ials Use	d and Sourc	e(s):					Max. Dry Der	nsity (pcf)	Op	timum Moist	ure (%)
#1 Ste	ven's Creek C	uarry F	ines						142	.0		6.5	
			Approx.	-	Remain	ning				Τ			
			Test	Fill Dept	h Fill Der	pth/		С	ompaction/	Relative			
Test No.	Test Location (S		Location Elevation	Beneati Test	n Referei Grad		Curve Number	R	Moisture equirements	Compacti (%)	ion	Moisture (%)	Pass/ Fail
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	previous eviewed?		ny failing tes his site visit		List any pronos. still no				C/Contractor N y failing tests	otified of		son/company ified of result	
☐ Yes			SILO FIGIL			Journ			Yes No			01.100411	
					List task(s)	of n	revious		C/Contractor n	otified of	Per	son/company	,
					tests still n				naining failing			ified of result	
								12	Yes ☐ No				



Items to be checked next site visit	UST Tank Fill
and date of next scheduled visit:	

Project Number	Client Name	Client Contact	Daily Field Report Number	
397-2-1	Complete Environmental	Ron Rinehart	3	
Project Name	Project Location	Client Contact Phone	Page	Date/Day of Week
6201 Claremont Ave.	Oakland, CA	916-990-4601	2 of 3	04-12-11/TUE

Field Observations

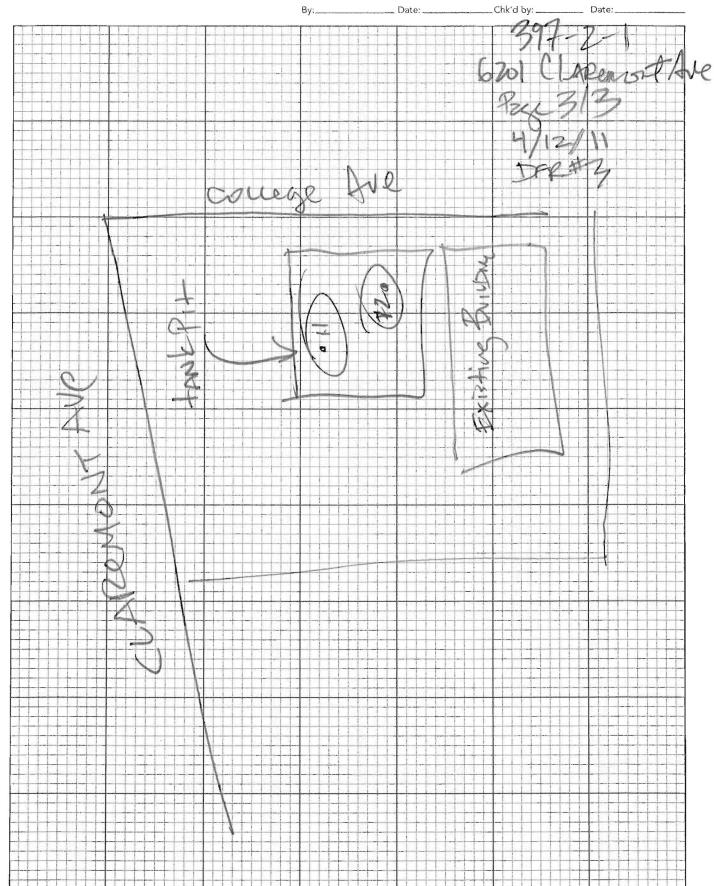
I conducted a site visit to observe/test UST backfill. Complete Environmental was on-site compacting the final lift of quarry fine backfill upon my site arrival. A Dynapac CA152 vibratory sheepsfoot roller was used for backfill compaction. Quarry fines were placed in twelve inch lifts using a CAT 220 excavator. Two nuclear moisture density were conducted today; the results of the tests are shown in the table on page one. Test locations are on the attached map. No future site visits were scheduled.

Jacob Lee 04-12-11

Legend: SAM=see attached map, FAB = Finish Aggregate Base, FSG = Finish Subgrade, EG = existing adjacent grade, ~ = approximate, SD=storm drain, SS=sanitary sewer, JT=joint trench, WL = water line



Project Name:	
Subject:	
Project No.:	Sheet No.: of



Attachment I
Approved UST Removal Permit and Alameda County Public
Works GeoProbe Boring Permit

Alameda County Public Works Agency - Water Resources Well Permit



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

Application Approved on: 04/08/2011 By jamesy

Permit Numbers: W2011-0266 Permits Valid from 04/14/2011 to 04/14/2011

Phone: 916-853-1800

Phone: 916-727-1994

Application Id: 1302209611044 City of Project Site:Oakland

Site Location: 6201 Claremont Avenue, Oakland, CA (former Union 76 Gas Station)

Project Start Date: 04/14/2011 Completion Date:04/14/2011

Assigned Inspector: Contact Steve Miller at (510) 670-5517 or stevem@acpwa.org

Applicant: Tetra Tech - Keith Hoofard

2969 Prospect Park Dr, Ste100, Rancho Cordova, CA 95670

Property Owner: Safeway Inc.

7301-C Greenback Lane, Citrus Heights, CA 95621

Client: ** same as Property Owner **

Total Due: \$265.00

Receipt Number: WR2011-0105 Total Amount Paid: \$265.00

Payer Name : Keith B Hoofard Paid By: MC PAID IN FULL

Works Requesting Permits:

Borehole(s) for Investigation-Environmental/Monitorinig Study - 6 Boreholes

Driller: FISCH DRILLING - Lic #: 683865 - Method: other Work Total: \$265.00

Specifications

Permit Issued Dt Expire Dt # Hole Diam Max Depth

Number Boreholes

W2011- 04/08/2011 07/13/2011 6 2.00 in. 20.00 ft

0266

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.

	PLAN RI	EVIEW LO	G JOB#- P1	1-0274 File
Date Submitted Mar 16, 2011 Date Assigned Mar 16, 2011 Claremont Avenue C	Company Name complete Environmental Solutions, Inc. Company Phone #	Type of Plans Tank Reviewer Mathews	Disposition Pick up person	Pick Up/Mailed Date Pick up person Phone #
Resubmitted Resubmitted Dates ○ Yes No 1.) 2.) ○ 1st ○ 3rd ○ 2nd ○ 4th 3.) 4.)	916-990-4601 Contact Person Ron Rinehart Expedite/After Hours O Yes O No	Fees Paid Yes Fees Paid Date Mar 16, 2001	1.)	Amount of Time Review Complete Date
Plan Check Fees (NO inspections included) Submittal/Resubmittal, full price for each system a. Sprinkler System/Zone b. Standpipe System c. Underground Main	O 243.00 O 243.00 O 243.00	Units Subtotal	Removal of 1st Tank + 1 inspaddditional one tank.	pection; and
d. Fire Pump System e. Fire Hydrant f. FM 200, Halon, gas suppression system g. Dry chemical suppression system h. Spray Booth Installation	O 243.00 O 243.00 O 243.00 O 243.00 O 243.00		Mailing Address Complete Environmental So	lutions, Inc.
i. Evacuation Plans j. Fire Alarm System k. Range Hood & Duct Suppression System Expedited plan check fee (i-j) min 2.0 hrs (Fire Inspector)	O 352.00 O 243.00 O 243.00 O 243.00 O 352.00	AND EIRE DEPARTMENT	Date: Check #	Amount Received: \$907.50
Inspection Fees a. Inspection, \$150.00/hour b. Reinspection, \$150.00/hour c. After Hours Inspection (\$225.00 x 2.5 hrs/min) \$225.00 p/hr after min		130/// LL INSPECTIONS REQUIRE 48 HOURS NOTICE		
Tank Permit Fees/CUPA a, Removal, 1st Tank (\$243.00/hr x 2.5 hrs min + inspection \$150.00) \$150.00 each additional tank b. Installation, 1st Tank (\$243.00/hr x 2.5 hrs min. plus inspection \$599.00) \$150.00 each additional tank	O 150.00	\$757.50 1 \$150.00	Total Amount Rece	
Consultation Fee / FP Engineer time (\$243.00/hr)	O 150.00 O 243.00 Cost:		Billing I	nvoice Date: Updated 3/31/08

Total Cost

\$ 907.50