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February 11, 2016

Inspector Keith L. Matthews
City of Oakland Fire Department
250 Frank H. Ogawa Plaza, Suite 3341
Oakland, California 94612

Mr. Keith Nowell
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502-6540

Re: **Former Eastmont 76 Station**
7210 Bancroft Avenue
Oakland, California 94605
**Addendum to Site Demolition and Underground Storage
Tank Removal Report**
OFD Job# 2014-02114 / ACEH Case #RO356

Dear Inspector Matthews and Mr. Nowell:

Enclosed is the Addendum to the *Site Demolition and Underground Storage Tank Removal Report*, dated February 11, 2016, prepared by Atlas Environmental Engineering, Inc. (ATLAS) for the above referenced property. This report is being submitted by ATLAS, on behalf of FR Construction, Inc. at the approval of Platinum Energy and as requested by Alameda County Health Care Services letter dated January 15, 2016.

I declare, under penalty of perjury, that the information and/or recommendations contained in the attached document or report is true and correct to the best of my knowledge. If you have any questions or require additional information, please contact me at (714) 890-7129.

Sincerely,
ATLAS ENVIRONMENTAL ENGINEERING, INC.

A handwritten signature in blue ink that reads "Karl H. Kerner".

Karl H. Kerner, P.E.
Senior Engineer/Project Manager

cc: Mr. Frank Lopez, FR Construction, Inc., (w/2 enclosures)

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**ADDENDUM TO SITE DEMOLITION AND
UNDERGROUND STORAGE TANK REMOVAL REPORT
Former Eastmont 76 Station
7210 Bancroft Avenue
Oakland, California 94605**

February 11, 2016

Prepared for

**Mr. Frank Lopez
FR Construction, Inc.
17125 Roseton Avenue
Artesia, California 90701**

Atlas
ENVIRONMENTAL
ENGINEERING, INC.

Prepared by

**ATLAS ENVIRONMENTAL
ENGINEERING, INC.
3185 Airway Avenue, Suite D-1
Costa Mesa, California 92626
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APPENDIX B- UST Permit, Manifests, Bills of Laden, Tank Destruction Certificate and Organic Vapor Readings.

APPENDIX C- Soil Sampling Plan

APPENDIX D- Laboratory Analytical Report and Chain-of-Custody Documentation

APPENDIX E- Bills of Laden for Export Fill and Import Fill, Laboratory Analytical Report and Chain-of-Custody Documentation for Import Fill Characterization, and Materials Test Report



**ADDENDUM TO SITE DEMOLITION
&
UNDERGROUND STORAGE TANK (UST) REMOVAL REPORT
Former Eastmont 76 Station
7210 Bancroft Avenue
Oakland, California 94605**

INTRODUCTION

This addendum to the original report has been prepared based on the letter request of Alameda County Health Care Service (ACHCS) dated January 15, 2016. Information includes descriptions of field observations and results of confirmation soil samples collected by Atlas Environmental Engineering, Inc. (ATLAS) personnel subsequent to site demolition and remediation piping, underground storage tank (UST), fuel dispenser, and associated conveyance piping removal activities at the subject site. All site activities were conducted as described in the *Site Management Plan*, dated June 7, 2014 (which included *Soil Sampling Plan*, dated May 5, 2014 that was approved by the Oakland Fire Department (OFD) on July 18, 2014), *Soil Reuse and Backfill* electronic correspondence dated July 30, 2014, and special conditions as outlined in the ACHCS electronic approval letters dated July 14, 2014 and July 30, 2014 (**Appendix A**).

Site Identification

Site Address: Former Eastmont 76 Station
7210 Bancroft Avenue
Oakland, California 94605

OFD Inspection #: 2014-02114

OFD Contact: Keith L. Matthews
City of Oakland Fire Department
250 Frank H. Ogawa Plaza, Suite 3341
Oakland, California 94612

ACEH Case#: RO356

ACEH Contact: Mr. Keith Nowell
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502-6540

Project Contact: Mr. Frank Lopez
FR Construction, Inc.
17125 Roseton Avenue
Artesia, California 90701

Current Business Activities

The subject site was formerly an active gasoline service station. The site is currently a vacant lot.

Number, Capacity and Contents of Tanks

The site maintained four (4) underground storage tanks (USTs), one (1) 10,000-gallon UST containing diesel fuel and three (3) 12,000-gallon USTs reportedly containing various grades of unleaded gasoline.

BACKGROUND

Site Description

The subject site was formerly a 76 branded retail gasoline service station located on the northwest corner of Bancroft Avenue and 73rd Street, in the City of Oakland, California. Former site features included a mini mart/cashiers building centrally located on the property, three (3) fuel dispensing islands (each containing two (2) multi-product fuel dispensers) that were situated perpendicularly to Bancroft Avenue, an enhanced vapor recover system (EVR) and underground storage tank (UST) complex located along the northern property line, as well as a miscellaneous storage box and trash enclosure near the northwest corner of the property line. A large canopy covered the fuel dispensing islands and the southern face of the mini mart/cashiers building. A network of thirteen (13) groundwater and/or treatment wells were located on-site and were associated to the ACEH Case #RO0000356. Currently, the site is a vacant lot. A site location map is presented as **Figure 1** and a site plan with the former major site features is shown on **Figure 2**.

GEOLOGY AND HYDROGEOLOGY

Fine-grained sediments including clays and silts to depths varying from 6 feet to 10 feet below ground surface (bgs) underlay the site. Coarse Grained sediments consisting of sands, clayey sands, gravels, and clayey gravels underlay the fine-grained sediments to depths varying between approximately 10 feet to 35 feet bgs. The thickness of the coarse-grained sediments generally ranges between 10 feet to 20 feet across the site (AG, January 2014).

Based on the most recent monitoring and sampling event conducted at the subject site during the 1st Quarter 2014 semi-annual groundwater monitoring and sampling event on February 4, 2014, depth to groundwater beneath the subject site ranged from 20.85 to 23.80 feet below the top of the well casing. The groundwater flow direction and gradient was reported to be variable (AG, May 2014).

SITE DEMOLITION ACTIVITY

From July 22, 2014 to August 8, 2014, site demolition and UST removal activities were conducted at the subject site by FR Construction, Inc. (FR). Demolition activities were conducted as described in the approved SMP and ACEH special conditions. All site structures were leveled and fueling system, remediation piping, and site covering removed. Fuel dispensers were taken to Sims Metal Management in Richmond, California for recycling. Product lines were drained, triple rinsed and then left on-site pending disposal with the USTs. All associated bills of lading and disposal manifests are included in **Appendix B**.

UST REMOVAL SOIL

On July 29, 2014, one (1) 10,000-gallon and three (3) 12,000-gallon USTs, fuel dispensers and associated product lines were removed from the site. UST removal operations were coordinated by the general contractor on-site, FR. Prior to removing the USTs, the USTs and associated piping were triple rinsed and Lower Explosive Limits (LEL) screened for safe removal. Nieto and Sons Trucking, Inc. provided the decontamination of the USTs, transportation, and disposal for the rinsate and USTs. The rinsate was transported to DeMenno Kerdoon, located in Compton, California for disposal and the USTs with piping were transported to Ecology Auto Parts, located in Santa Fe Springs, California for destruction. The UST removal operations were conducted in accordance to the OFD UST removal guidelines and observed by OFD Inspector Keith L. Matthews, PES Environmental, Inc. (PES) representative Mitch Buttress, and Antea Group (AG) representative Ed Weyrens. Copies of UST removal permit, manifest, and tank destruction certificate are included in **Appendix B**.

Observation of Tank Condition

As indicated above, tank removal activities were observed by Inspector Matthews, Mr. Buttress and Mr. Weyrens. Mr. Kerner with ATLAS was also on site to observe the condition of the tanks and piping prior to sample collection duties. No comments regarding the olfactory conditions associated with the removal were made due to the subjective nature of this type of observation as well as health and safety concerns. In addition, Mr. Kerner did not photo document the tank conditions as this is not a policy of ATLAS unless it is beneficial to indicate an obvious distressed condition. Mr. Kerner observed that the tanks removed were double-walled fiberglass tanks with no indication of cracks, stains or leakage. With regard to the piping, it was described as double-walled with dispenser under-containment having no signs of staining, cracks or leakage based on a cursory observation.

SAMPLE COLLECTION

Subsequent to UST removal activities, a total of five (5) soil samples were collected; four (4) from each corner of the UST excavation and one (1) in the center of the excavation. At the request of Inspector Matthews, ATLAS provided vapor headspace readings from each sample location using an Organic Vapor Meter (OVM). These readings are summarized in **Appendix B**. A deviation from the soil sampling plan occurred due to the significant pea gravel thickness within the UST excavation. Soil samples were collected by using an excavator and driving or pushing a stainless steel sleeve between the bucket teeth of the excavator into the soil that was brought up to the surface. After a complete core (no head space) was obtained, both ends of the stainless steel sleeve were covered with Teflon sheeting, sealed with plastic end caps and labeled. The soil samples were identified as T1E, T1W, T2/T3-C, T4E, and T4W. A field technician and a California Professional Engineer employed by ATLAS obtained the samples under the observation of OFD Inspector Keith L. Matthews and the representatives from PES and AG. The soil sample locations are shown on **Figure 2** and soil sampling procedures are included in **Appendix C**.

FUEL DISPENSER AND PRODUCT LINE SOIL SAMPLE COLLECTION

On July 29, 2014, subsequent to UST, fuel dispenser and product line removal activities, five (5) fuel dispenser soil samples, D1 through D4 and D6 and nine (9) product line soil samples, PL-1 through PL-9, were collected at approximately 3 feet below the fuel dispenser and product line. At the request of Inspector Matthews, ATLAS provided vapor headspace readings from each sample location using an Organic Vapor Meter (OVM). Please note, a soil sample D5 was not collected due to a concrete footing at the dispenser location. Soil samples were collected by using an excavator and driving or pushing a stainless steel sleeve between the bucket teeth of the excavator into the soil that was brought

up to the surface. After a complete core (no head space) was obtained, both ends of the stainless steel sleeve were covered with Teflon sheeting, sealed with plastic end caps and labeled. A field technician and a California Professional Engineer employed by ATLAS obtained the samples under the observation of OFD Inspector Keith L. Matthews and the representatives from PES and AG. The approximate soil sample locations are shown on **Figure 2** and soil sampling procedures are included in **Appendix C**.

SOIL STOCKPILE SAMPLE COLLECTION

On July 29, 2014, subsequent to UST, fuel dispenser, and product line removal activities, soil and pea gravel that was removed during the excavation of the USTs and product line was stockpiled on-site. Fifteen (15) samples, SP-1 through SP-15, were collected from the stockpiles. Sample collection was used for disposal characterization purposes since the stockpiles predominantly consisted of pea gravel and re-use as backfill was prohibited by ACEH. Soil samples were collected by either directly driving or pushing a stainless steel sleeve into the soil exposed by hand digging or by using an excavator and driving or pushing a stainless steel sleeve between the bucket teeth of the excavator into the soil collected from the stockpiles. After a complete core (no head space) was obtained, both ends of the stainless steel sleeve were covered with Teflon sheeting, sealed with plastic end caps and labeled. A field technician and a California Professional Engineer employed by ATLAS obtained the samples. Soil stockpile sample locations are shown on **Figure 3** and soil sampling procedures are included in **Appendix C**.

FILL IMPORT SAMPLE COLLECTION

On August 6, 2014, four (4) grab soil samples, B1 through B4, were collected from the imported fill that was used for backfill to determine the quality as required by the ACEH using Department of Toxic Substance Control (DTSC) clean fill import guidelines. Grab samples were collected from the representative fill pile using glass mason jars by FR Construction field personnel. Once collected, the samples were delivered to the laboratory via courier.

LABORATORY ANALYSIS AND CHAIN-OF-CUSTODY

A total of thirty-eight (38) soil samples were collected and analyzed by Alpha Scientific Corporation (a state certified laboratory). Soil samples collected from the UST excavation, fuel dispensers, product lines, and stockpile were analyzed for Total Petroleum Hydrocarbons as diesel (TPHd) by EPA Method 8015M, Total Petroleum Hydrocarbon as gasoline (TPHg) by GC/MS LUFT, and BTEX plus fuel oxygenates including Ethanol by EPA Method 8260B. Please note, five (5) composite stockpile

samples were created using the following stockpile sample groups: SP-1, SP-2 and SP-3; SP-4, SP-5, and SP-6; SP-7, SP-8, and SP-9; SP-10 and SP-11; and SP-12, SP-13, SP-14, and SP-15. Imported fill samples were measured for temperature and analyzed for Asbestos by PLM, pH by EPA Method 9045C, and CAM Metals by 6010B and 7471A. STLC analysis was also conducted for Chromium and Nickel in sample BP-1 and for chromium in sample BP-2 by EPA Method 6010B.

The soil samples collected were labeled with a unique sample identification number, name of collector, time and date of collection. This information was transferred to a chain-of-custody form, to track the soil sample handling until delivery to the analytical laboratory. The soil samples were placed in an ice chest on ice until delivered to the laboratory at the end of the soil sampling program.

SOIL ANALYTICAL RESULTS

Laboratory analysis of soil samples collected from the UST excavation detected TPHg at concentrations ranging from less than the laboratory detection limit to 6,790 mg/kg (T2/3-C), TPHd concentrations ranged from less than the laboratory detection limit to 141 mg/kg (T4W), BTEX concentrations ranged from less than the laboratory detection limit to 1,310 mg/kg (Xylenes sample T2/3-C), and MTBE at concentrations ranging from less than the laboratory detection limit to 15.6 mg/kg (T2/3-C). Laboratory analysis of soil samples collected from the UST excavation did not detect ETBE, DIPE, TAME, TBA, and Ethanol, at concentrations exceeding laboratory detection limits.

Laboratory analysis of soil samples collected from beneath the fuel dispensers detected TPHg at concentrations ranging from less than the laboratory detection limit to 520 mg/kg (D2), TPHd concentrations ranged from less than the laboratory detection limit to 6.9 mg/kg (D2), BTEX concentrations ranged from less than laboratory detection limit to 11.2 mg/kg (Ethyl Benzene in sample D2), MTBE concentrations ranged from less than the laboratory detection limit to 0.160 mg/kg (D4), and TBA concentrations ranged from less than the laboratory detection limit to 0.117 mg/kg (D3). Laboratory analysis of soil samples collected from beneath the fuel dispensers did not detect ETBE, DIPE, TAME, or Ethanol at concentrations exceeding laboratory detection limits.

Laboratory analysis of soil samples collected from beneath the product lines detected MTBE at concentrations ranging from less than the laboratory detection limit to 0.841 mg/kg (PL-2). Laboratory analysis of soil samples collected from beneath the product lines did not detect TPHg, TPHd, BTEX, ETBE, DIPE, TAME, TBA or Ethanol at concentrations exceeding the laboratory detection limits.

Laboratory analysis of soil samples collected from the stockpile did not detect TPHg, TPHd, BTEX or fuel oxygenates including Ethanol at concentrations exceeding the laboratory detection limits.

Laboratory analysis of import fill samples measured a temperature of 26.5 °C, detected pH concentrations ranging from 10.19 to 10.42 pH units, Arsenic concentrations ranged from 1.3 mg/kg to 4.2 mg/kg (BP-2), Barium concentrations ranged from 88.7 mg/kg to 925 mg/kg (BP-3), Total Chromium concentrations ranged from 33.6 mg/kg to 76.8 mg/kg (BP-1), Cobalt concentrations ranged from 6.9 mg/kg to 15.8 mg/kg (BP-1), Copper concentrations ranged from 21.2 mg/kg to 55.7 mg/kg (BP-4), Lead concentrations ranged from 11.4 mg/kg to 27.9 mg/kg (BP-4), Nickel concentrations ranged from 77.3 mg/kg to 309 mg/kg (BP-1), Vanadium concentrations ranged from 88.1 mg/kg to 202 mg/kg (BP-1), and Zinc concentrations ranged from 62.1 mg/kg to 177 mg/kg (BP-4). STLC analysis for Chromium in samples BP-1 and BP-2 were detected at concentrations of 0.51 mg/L and 0.57 mg/L, respectively, and STLC analysis for Nickel in sample BP-1 was detected at a concentration of 0.55 mg/L.

UST excavation, fuel dispensers, product lines, and stock pile soil analytical results are summarized in **Table 1** and imported fill analytical results are summarized in **Table 2**. The UST excavation, fuel dispensers, product lines, and stock pile associated laboratory analytical report and chain-of-custody documentation are included in **Appendix D** and imported fill laboratory analytical report and chain-of-custody documentation are included in **Appendix E**.

TANK EXCAVATION AND BACKFILL

All material excavated from the UST excavation, fuel dispensers, and product lines was transported off-site for recycling by Greg's Trucking Service, San Mateo, California to Argent Materials (AM), Oakland, California. AM was informed that material transported to their facility was from an active fuel leak site and they were provided with the laboratory results. Based on the groundwater depth at the site (approximately 21 - 23 feet bgs) and the current UST excavation extending within 2 feet of the groundwater level (excluding the pea gravel remaining in the UST excavation), the remaining pea gravel was leveled out to act as a bridge to accept the imported fill. In addition, a geotextile filter fabric was placed on top of the leveled pea gravel prior to backfilling with the imported fill. The imported fill was similar to site soils from the surface to approximately 16 feet bgs. A material test report was obtained by AM (who also provided the imported fill). The material test report included pH values, Plasticity Index Property, Resistance "R" Value of Untreated Soil, Sand Equivalent, Durability Index of Coarse & Fine Aggregate, and Sieve Analysis to comply with ACEH request to demonstrate import material was similar in character and would provide

sufficient compatibility. Import fill sample analysis as summarized in the previous section was conducted to demonstrate compliance with DTSC clean fill import guidelines. Trucking receipts for the material transported off-site to AM, weighmaster certificates for the imported fill from AM, Material Test Report, and import fill laboratory analytical results and associated chain of custody documentation are included in **Appendix E**.

DISCUSSION/RECOMMENDATIONS

A review of the product line soil analytical results detected MTBE in six of the nine product line samples collected. Only product line samples PL-1, PL-3, and PL-7 did not detect MTBE at concentrations exceeding the laboratory detection limit. A review of the dispenser soil analytical results detected MTBE in all but one soil sample (D2). TPHg was only detected in soil samples D2 and D3. TPHd, Ethylbenzene and Xylenes were only detected in soil sample D2 and TBA was only detected in soil sample D3. A review of the soil samples collected from the UST excavation detected chemical constituents as TPHg, TPHd, Toluene, Ethylbenzene, and Xylenes in only two samples T2/3-C and T4W and only Benzene and MTBE were detected in soil sample T2/3-C. Furthermore, soil sample T2/3-C (collected from the center of the UST excavation) detected the highest concentrations for all constituents detected in product line, fuel dispensers, and UST excavation, with the exception of TPHd in soil sample T4W and TBA in soil sample D3. Based on a review of this information and the historical site assessment activities conducted at the subject site, constituents detected were consistent with constituents previously detected during UST and fuel dispenser removal operations in 1998 and site assessment activities conducted at the subject site.

CLOSING

The work conducted by ATLAS has been performed using methods and procedures accepted in the environmental field. ATLAS makes no other warranty, either expressed or implied, concerning the information that is contained within this report. The analysis of soil samples was performed by a California certified laboratory; however, no warranty as to the validity of the work conducted by the independent Laboratory is implied.

This report is valid as of this date. However, as a result of the passage of time and changing site conditions or integrity of the underground tanks, piping and dispensing equipment, deviations to the information contained in this report may occur. Accordingly, information presented in later reports may invalidate this report in partial or whole form. These conditions are beyond the control of ATLAS, and should be considered in basing continuing assessments on the information contained herein after the passage of time.

This report has been prepared by ATLAS at the request of FR Construction and approval of Platinum Energy. Submission of this report to the appropriate regulatory agencies/parties is recommended and considered the responsibility of Platinum Energy.

Sincerely,
ATLAS ENVIRONMENTAL ENGINEERING, INC.



Jasmine Senn
Project Scientist



Karl H. Kerner, P.E.
Senior Engineer/Project Manager

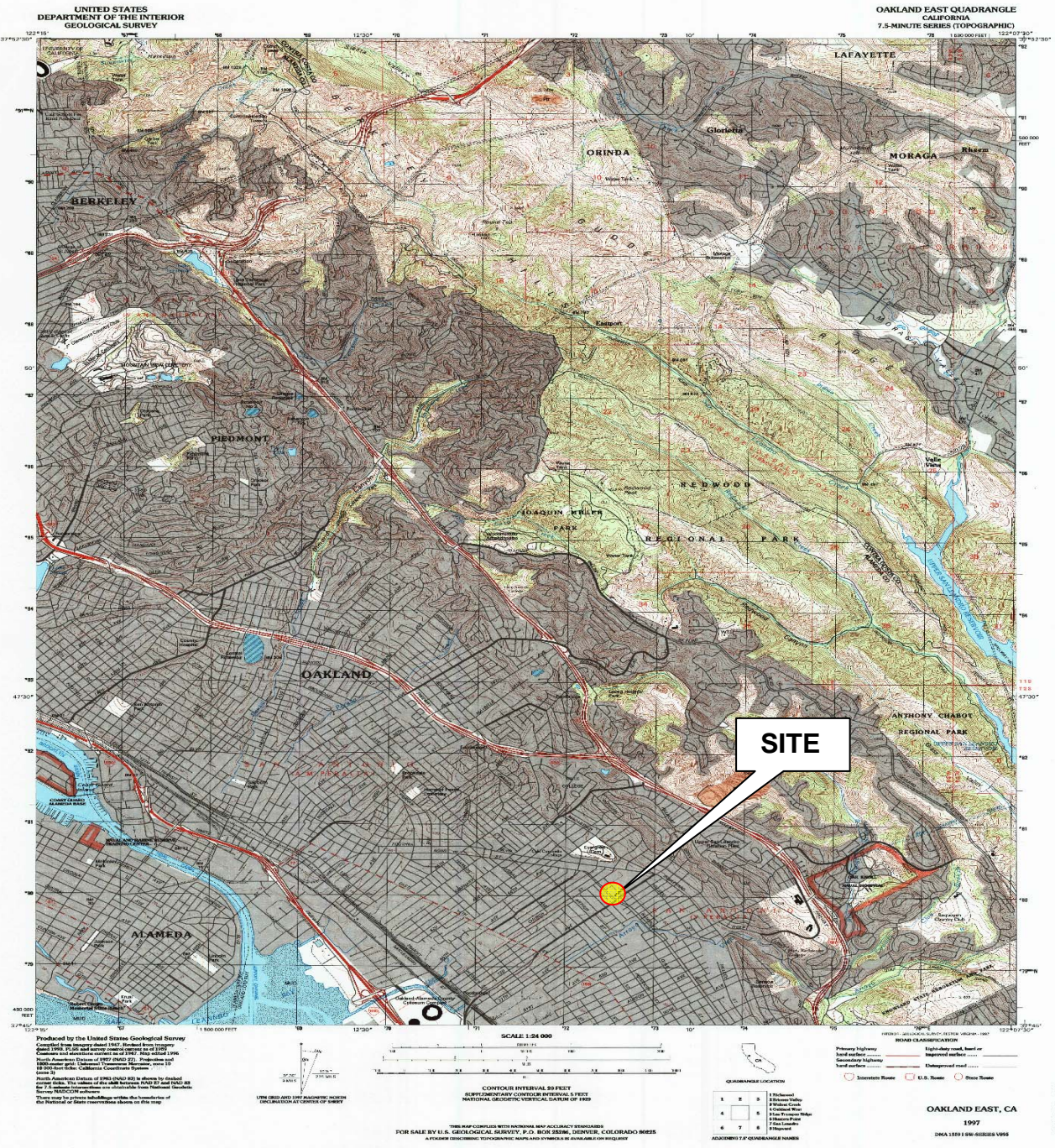
REFERENCES

Antea Group (AG), *Site Investigation Report*, January 24, 2014.

Semi-Annual Summary Report, October 2013 through March 2014, May 1, 2014.

Department of Toxic Substances Control (DTSC), *Clean Imported Fill Material*, October 2001.

FIGURES



3185 Airway, Ste D-1
Costa Mesa,
California 92649

FORMER EASTMONT 76 STATION

7210 BANCROFT AVENUE
OAKLAND, CALIFORNIA 94605

SITE VICINITY MAP






FIGURE 1



LEGEND:

● SOIL SAMPLE COLLECTED ON 7/29/14
TW-3


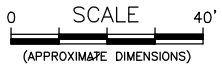

 NORTH	Created from a map provided by FR CONSTRUCTION INC., 10-04-2013		Drawn By: EFD	Date: 02/19/2014	Rev: 08/19/2014	
	 SCALE (APPROXIMATE DIMENSIONS)		FORMER EASTMONT 76 STATION			SOIL SAMPLE LOCATIONS
 Atlas ENVIRONMENTAL ENGINEERING, INC.	<ul style="list-style-type: none"> * Environmental Products and Services * Air/Water/Soil Permitting and Monitoring * Site Assessment and Remediation * Hazardous Waste Management 		7210 BANCROFT AVENUE OAKLAND, CALIFORNIA 94605			DRAWING NUMBER: PE-SI-F2
	3185 AIRWAY AVENUE, SUITE D-1 COSTA MESA, CA 92626 PHONE: (714) 890-7129		FIGURE 2			



LEGEND:

 SOIL STOCKPILE SAMPLE LOCATION

Note: Soil vapor readings at all stockpile sample locations were 0 ppmv with the exception of SP-13 with a vapor reading of 5 ppmv.

 N O R T H	Created from a map provided by FR CONSTRUCTION INC., 10-04-2013		Drawn By: EFD	Date: 02/19/2014	Rev: 08/19/2014
	 SCALE 0 40' (APPROXIMATE DIMENSIONS)		FORMER EASTMONT 76 STATION		
 Atlas ENVIRONMENTAL ENGINEERING, INC.	<ul style="list-style-type: none"> * Environmental Products and Services * Air/Water/Soil Permitting and Monitoring * Site Assessment and Remediation * Hazardous Waste Management 		7210 BANCROFT AVENUE OAKLAND, CALIFORNIA 94605		
	3185 AIRWAY AVENUE, SUITE D-1 COSTA MESA, CA 92626 PHONE: (714) 890-7129		DRAWING NUMBER: PE-SI-F2		FIGURE 3

TABLES

TABLE 1
SOIL ANALYTICAL RESULTS
FORMER EASTMONT 76 STATION
OAKLAND, CALIFORNIA 94605

Sample ID	Sample Date	EPA Method GC/MS LUFT	EPA Method 8015M	EPA Method 8260B										Sample Location
		TPHg (mg/kg)	TPHd (mg/kg)	Benzene (mg/kg)	Toluene (mg/kg)	E-Benzene (mg/kg)	Xylenes (mg/kg)	MTBE (mg/kg)	ETBE (mg/kg)	DIPE (mg/kg)	TAME (mg/kg)	TBA (mg/kg)	Ethanol (mg/kg)	
PL-1	7/29/2014	<0.2	<2	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.020	<0.50	Product Line
PL-2	7/29/2014	<0.2	<2	<0.001	<0.001	<0.001	<0.002	0.841*	<0.002	<0.002	<0.002	<0.020	<0.50	Product Line
PL-3	7/29/2014	<0.2	<2	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.020	<0.50	Product Line
PL-4	7/29/2014	<0.2	<2	<0.001	<0.001	<0.001	<0.002	0.167	<0.002	<0.002	<0.002	<0.020	<0.50	Product Line
PL-5	7/29/2014	<0.2	<2	<0.001	<0.001	<0.001	<0.002	0.049	<0.002	<0.002	<0.002	<0.020	<0.50	Product Line
PL-6	7/29/2014	<0.2	<2	<0.001	<0.001	<0.001	<0.002	0.209	<0.002	<0.002	<0.002	<0.020	<0.50	Product Line
PL-7	7/29/2014	<0.2	<2	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.020	<0.50	Product Line
PL-8	7/29/2014	<0.2	<2	<0.001	<0.001	<0.001	<0.002	0.011	<0.002	<0.002	<0.002	<0.020	<0.50	Product Line
PL-9	7/29/2014	<0.2	<2	<0.001	<0.001	<0.001	<0.002	0.003J	<0.002	<0.002	<0.002	<0.020	<0.50	Product Line
D1	7/29/2014	<0.2	<2	<0.001	<0.001	<0.001	<0.002	0.022	<0.002	<0.002	<0.002	<0.020	<0.50	Dispenser
D2	7/29/2014	520	6.9	<0.2	<0.2	11.2	5.56	<0.4	<0.4	<0.4	<0.4	<4	<100	Dispenser
D3	7/29/2014	0.5	<2	<0.001	<0.001	<0.001	<0.002	0.037	<0.002	<0.002	<0.002	0.117	<0.50	Dispenser
D4	7/29/2014	<0.2	<2	<0.001	<0.001	<0.001	<0.002	0.160	<0.002	<0.002	<0.002	<0.020	<0.50	Dispenser
D6	7/29/2014	<0.2	<2	<0.001	<0.001	<0.001	<0.002	0.003J	<0.002	<0.002	<0.002	<0.020	<0.50	Dispenser
T1W	7/29/2014	<0.2	<2	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.020	<0.50	Tank Excavation
T1E	7/29/2014	<0.2	<2	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.020	<0.50	Tank Excavation
T2/3-C	7/29/2014	6790	15.3	53.5*	607*	228*	1,310*	15.6	<2	<2	<2	<20	<500	Tank Excavation
T4W	7/29/2014	2860	141	<1	19.9	87.7	473*	<2	<2	<2	<2	<20	<500	Tank Excavation
T4E	7/29/2014	<0.2	<2	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.020	<0.50	Tank Excavation
SP-1, SP-2 & SP-3	7/29/2014	<0.2	<2	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.020	<0.50	Soil Stockpile
SP-4, SP-5 & SP-6	7/29/2014	<0.2	<2	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.020	<0.50	Soil Stockpile
SP-7, SP-8 & SP-9	7/29/2014	<0.2	<2	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.020	<0.50	Soil Stockpile
SP-10 & SP-11	7/29/2014	<0.2	<2	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.020	<0.50	Soil Stockpile
SP-12, SP-13, SP-14 & SP-15	7/29/2014	<0.2	<2	<0.001	<0.001	<0.001	<0.002	<0.002	<0.002	<0.002	<0.002	<0.020	<0.50	Soil Stockpile

Notes:

< - Less than laboratory detection limit stated
* - Obtained by a higher dilution analysis
J - Result is between DF x MDL and DF x PQL
mg/kg - milligrams per kilogram, ppm

TPHg - Total Petroleum Hydrocarbons, gasoline
TPHd - Total Petroleum Hydrocarbons, diesel
TPHo - Total Petroleum Hydrocarbons, oil
MTBE - Methyl tert-Butyl Ether

DF - Dilution Factor
MDL - Method Detection Limit
PQL - Practical Quantitation Limit

TABLE 2
IMPORTED FILL SOIL ANALYTICAL RESULTS
FORMER EASTMONT 76 STATION
OAKLAND, CALIFORNIA 94605
AUGUST 6, 2014

Sample ID	EPA Method 9045C	Temperature (°C)	Method PLM	EPA Method 6010B/7471A / CAM METALS (TTLIC)																
	pH (pH Units)		Asbestos	Antimony (mg/kg)	Arsenic (mg/kg)	Barium (mg/kg)	Beryllium (mg/kg)	Cadmium (mg/kg)	Total Chromium (mg/kg)	Cobalt (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Mercury (mg/kg)	Molybdenum (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Thallium (mg/kg)	Vanadium (mg/kg)	Zinc (mg/kg)
BP-1	10.26	26.5	NVA	<2	1.3	88.7	<2	<2	76.8	15.8	43.0	15.2	<0.2	<2	309	<0.5	<2	<2	202	78.0
BP-2	10.19	26.5	NVA	<2	4.2	151	<2	<2	58.9	10.9	55.0	27.5	<0.2	<2	119	<0.5	<2	<2	141	112
BP-3	10.42	26.5	NVA	<2	2.4	925	<2	<2	33.6	6.9	21.2	11.4	<0.2	<2	77.3	<0.5	<2	<2	88.1	62.1
BP-4	10.20	26.5	CP	<2	2.9	116	<2	<2	46.6	9.0	55.7	27.9	<0.2	<2	118	<0.5	<2	<2	116	177
	EPA Method 6010B (STLC)																			
Sample ID	Chromium (mg/L)	Nickel (mg/L)																		
BP-1	0.51	0.55																		
BP-2	0.57	NA																		

Notes:
< - Less than laboratory detection limit stated
°C - Degrees Celsius
mg/kg - milligrams per kilogram, ppm
NVA - No Visible Asbestos
CP - Chrysotile Present
NA - Not Analyzed
mg/L - milligrams per liter, ppm

APPENDIX A

Jasmine Senn

From: Nowell, Keith, Env. Health [Keith.Nowell@acgov.org]
Sent: Monday, July 14, 2014 2:39 PM
To: Jasmine Senn (jasmine@aeei.com)
Cc: 'jpaul@skbcos.com'; 'wmast@pesenv.com'; Shane Nolan; 'ryost@platinum-energy.net'; Ed.C.Ralston@p66.com; Dennis Dettloff; Roe, Dilan, Env. Health
Subject: Fuel Leak Case RO356 - BP #11117, 7210 Bancroft, Oakland, CA - Atlas EEI

Dear Ms. Senn:

Alameda County Environmental Health (ACEH) has reviewed the case file including the recently submitted document entitled *Site Management Plan (SMP)*, dated June 7, 2013, prepared by Atlas Environmental Engineering, Inc. (Atlas) for the subject site. The SMP includes a discussion of and schedule of events for site demolition plans, and addresses the soil sampling plan, soil and groundwater management plan, and interim removal work plan.

ACEH generally concurs with the proposed scope of work. The proposed scope of work may be implemented provided that the technical comments below are addressed and incorporated during the field implementation. Submittal of a revised SMP is not required unless an alternate scope of work outside that described in the SMP and technical comments below is proposed.

TECHNICAL COMMENTS:

- Prior to equipment and trucks leaving the site, each vehicle should be inspected for loose soil accumulating on running boards, fenders and other surfaces capable of accumulating deposited soil. Steps should be taken to clear off these surfaces prior to the vehicle leaving the site.
- All piping, whether part of the fuel dispensing systems or dual phase extraction (DPE) system should be removed from the site and disposed of in accordance with Oakland Certified Unified Program Agency (CUPA) directives.
- Excavated soil intended for onsite reuse generated during the removal of underground piping and the underground storage tanks (USTs) should be profiled prior to reuse in accordance with the draft technical reference document prepared by the San Francisco Bay Region, Regional Water Quality Control Board (SFBR-RWQCB) entitled *Characterization and Reuse of Petroleum Hydrocarbon Impacted Soil as Inert Waste*, dated October 29, 2006.
- Import material used as backfill should have documentation demonstrating the material is in compliance with Department of Toxic Substances Control (DTSC) clean fill import guidelines.
- Import material used as backfill should have similar engineering properties as the surrounding native material. Should the excavation depth exceed the depth to water, permeable backfill material, encapsulated in a geotechnical filter fabric, may be placed in the excavation to no more than two feet above the water level in the excavation. The upper portion of the excavation should be backfilled with material having similar engineering properties as the surrounding native material.
- Station demolition report to include documenting fuel system removal and disposal, removal and disposal of DPE system piping, sampling and analysis of excavation, piping, and dispenser samples, stockpile soil profiling and disposal/re-use, and import fill documentation.

TECHNICAL REPORT REQUEST:

Please upload technical report to the ACEH ftp site (Attention: Keith Nowell), and to the State Water Resources Control Board's Geotracker website, in accordance with the following specified file naming convention and schedule:

- **August 29, 2014– Site Demolition Report** (file name: RO0000356_TNK_R_yyyy-mm-dd)

NOTIFICATION OF FIELDWORK ACTIVITIES

Please provide ACEH with at least three (3) business days notification prior to conducting the fieldwork.

Thank you for your cooperation. Should you have any questions regarding this correspondence or your case, please call me at (510) 567-6764 or send an electronic mail message at keith.nowell@acgov.org.

Sincerely,
Keith Nowell

Keith Nowell PG, CHG
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda , CA 94502-6540
phone: 510 / 567 - 6764
fax: 510 / 337 - 9335
email: keith.nowell@acgov.org

PDF copies of case files can be reviewed/downloaded at:

<http://www.acgov.org/aceh/lop/ust.htm>

Jasmine Senn

From: Nowell, Keith, Env. Health [Keith.Nowell@acgov.org]
Sent: Wednesday, July 30, 2014 3:54 PM
To: 'Karl Kerner'
Cc: Frank Lopez; Chris Martin; Jasmine Senn (jasmine@aeei.com); 'jpaul@skbcos.com'; Shane Nolan; 'ryost@platinum-energy.net'; Ed.C.Ralston@p66.com; Dennis Dettloff; Roe, Dilan, Env. Health
Subject: RE: Soil Reuse and Backfill, 7210 Bancroft Avenue, Oakland, ACEH fuel leak case RO356

Dear Mr. Kerner,

Alameda County Environmental Health (ACEH) has reviewed the email entitled *Soil Reuse and Backfill, 7210 Bancroft Avenue, Oakland* (Backfill email), dated July 30, 2014 and prepared by Atlas Environmental Engineering, Inc. (Atlas) regarding the condition of the underground storage tanks (UST) excavation and the proposed backfill of the excavation at the subject site. As stated in the Backfill email, approximately 16- to 18 feet of the upper portion of the UST excavation will be backfilled with import material having similar hydrogeologic properties as the native sands silts and clays. The import fill will be underlain by the remaining excavation pit pea gravel, which will be covered with a geotextile filter fabric. ACEH understands that upon completion of the station demolition and UST pit backfill activities, the site will be covered with an impermeable asphalt concrete pavement.

The backfill recommendations as described in the Backfill email is acceptable to ACEH. As noted in ACEHs Directive dated July 14, 2014, the import material used as backfill should have documentation demonstrating the material is in compliance with Department of Toxic Substances Control (DTSC) clean fill import guidelines.

Please provide sufficient compactive effort of the import backfill in order to minimize future subsidence at the tank pit location.

The station demolition report documenting fuel system removal and disposal should include sampling and analysis of excavation, piping, and dispenser samples, stockpile soil profiling and disposal/re-use, import fill documentation, documentation of the compactive effort applied to the import fill, and manifests/disposal tickets documenting the quantity and destination of material removed from the site.

As discussed in a phone conversation from earlier today, profile sampling of the pea gravel stockpile should be consistent with the destination disposal facility and that the receiving facility should be made aware that the material is from an active fuel leak site.

Thank you for your cooperation. Should you have any questions regarding this correspondence or your case, please call me at (510) 567-6764 or send an electronic mail message at keith.nowell@acgov.org.

Sincerely,

Keith Nowell

Keith Nowell PG, CHG
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502-6540
phone: 510 / 567 - 6764
fax: 510 / 337 - 9335
email: keith.nowell@acgov.org

PDF copies of case files can be reviewed/downloaded at:
<http://www.acgov.org/aceh/top/ust.htm>

From: Karl Kerner [<mailto:karl@aeei.com>]
Sent: Wednesday, July 30, 2014 2:18 PM
To: Nowell, Keith, Env. Health
Cc: Frank Lopez; Chris Martin
Subject: Soil Reuse and Backfill, 7210 Bancroft Avenue, Oakland

Keith,

Based on our recent phone conversation regarding the stockpile material sampling at the subject site, ATLAS understands the following:

Since the material is pea gravel, its reuse will not be consistent with the Alameda County Environmental Health (ACEH) oversight of the current site remedial efforts as this material is not similar to the onsite soils and may impact the site hydrology if reused as backfill in the tank pit.

With this understanding, ATLAS would suggest the following course of action in order to complete the tank removal and site demolition operations:

Properly dispose of the existing onsite stockpiled material (350 - 375 cubic yards) and import fill material consistent with onsite soils. It is noted that groundwater is present beneath the site at approximately 21 - 23 feet below grade and the current tank pit excavation is within 2 feet of the groundwater level excluding the pea gravel remaining in the tank pit. Therefore, it is suggested to level out the any of the remaining pea gravel in the tank pit to act as a bridge to accept the import material. This will limit any potential pumping of the import material during placement. With the leveling off of the pea gravel in the tank pit, the import placement is anticipated to begin at approximately 16-18 feet below grade and continue to the surface. As an added safeguard, a filter fabric can be placed between the pea gravel base and import fill sections.

With the backfill of import material similar to the site soils from the surface to at least 16 feet below grade, a safeguard against significant infiltration should be realized. In addition, the limited use of pea gravel for the bridge should not affect the current site hydrology adversely as Gravels have been observed beneath site in the area of the tank from approximately 10 - 30 feet below grade. A cross-section is attached for reference.

We would appreciate your comments regarding the suggested actions. Thanks so much.

APPENDIX B



Oakland Fire Department, Fire Prevention Bureau
 250 Frank H. Ogawa Plaza, Ste. 3341
 Oakland, CA 94612-2032



(510) 238-3851
 TTY (510) 238-6884

Inspection Work Order

Business Name:	FR Construction Inc/Platium Energy	Reason:	Tanks
Address:	7210 BANCROFT AVE	Scheduled:	2014-04-17 11:38AM
Job (Insp Ref#):	2014-02114	Assigned To:	Matthews,Keith
Comments:	4/16/14 - Via FedEx -Tank removal application for Platium Energy. Edna Galindo w/FR Constructor (562-762-5776) included w/ck#5399 for \$1005.21. Amount is incorrect on check submitted. Per PS, give to CP to calculate correct amount, enter into POS and invoice client on balance. hro		

Invoice # 2014-01110

Invoice Amount 1,005.21

Contact Name	Edna Galindo
Contact Name	Edna Galindo
Field Contact #	562-762-5776
Field Contact #	562-762-5776
Inspection Service	Remove/Demolish
Inspection Service	Remove/Demolish

REVIEWED AND APPROVED
OAKLAND FIRE DEPARTMENT
 BY: [Signature]
 TITLE: Asst. Chief Insp.
 DATE: 7-18-14
 ALL INSPECTIONS REQUIRE
 48 HOURS NOTICE





CERTIFICATE OF DESTRUCTION

**ECOLOGY AUTO PARTS
13780 E. IMPERIAL HWY
SANTA FE SPRINGS, CA 90670
(562) 404-8683**

**COMPANY: Former Gas Station
JOB SITE : 7210 Bancroft Avenue
Oakland, CA**

**DESCRIPTION: *3-12,000 gallon fiberglass tanks
1-10,000 gallon fiberglass tank***

**UNDERGROUND STORAGE TANKS
HAVE BEEN SCRAPPED, CRUSHED AND DESTROYED AT
ECOLOGY AUTO PARTS
SANTA FE SPRINGS, CA
ON: 07-30-14**

**SIGNATURE: *Barbara Medrano*
TITLE: MANAGER / BARBARA MEDRANO
DATE: 08/14/2014**

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number CAC002779292	2. Page 1 of 1	3. Emergency Response Phone (714) 990-6855	4. Manifest Tracking Number 005763998 FLE
---	---	--------------------------	--	---

5. Generator's Name and Mailing Address Northwest Dealerco Holdings, LLC 30343 Canwood Street, Suite 200 Agoura Hills, CA 91301-4329 (818) 206-5705	Generator's Site Address (if different than mailing address) Northwest Dealerco Holdings, LLC 7210 Bancroft Avenue Oakland, CA 94605
---	--

6. Transporter 1 Company Name Nieto and Sons Trucking, Inc.	U.S. EPA ID Number CAT080016116
7. Transporter 2 Company Name	U.S. EPA ID Number

8. Designated Facility Name and Site Address DeMenno Kerdoon 2000 N. Alameda Street Compton, CA 90222 (310) 537-7100	U.S. EPA ID Number CAT080013352
--	---

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
		No.	Type					
X	1. UN1203, Flammable Liquid, 3, PG II (Gasoline Mixture)	001	TT	1300	G	0001	134	
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
Wear All Appropriate Protective Clothing ERG #128

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

Generator's/Offeror's Printed/Typed Name JIM SUNDAY	Signature <i>Jim Sunday</i>	Month Day Year 07 28 14
---	--------------------------------	-----------------------------------

16. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

17. Transporter Acknowledgment of Receipt of Materials		
Transporter 1 Printed/Typed Name Ron Rodriguez	Signature <i>Ron Rodriguez</i>	Month Day Year 07 28 14
Transporter 2 Printed/Typed Name	Signature	Month Day Year

18. Discrepancy

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

Manifest Reference Number: _____

18b. Alternate Facility (or Generator)	U.S. EPA ID Number
Facility's Phone: _____	
18c. Signature of Alternate Facility (or Generator)	Month Day Year

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

1. H034	2.	3.	4.
----------------	----	----	----

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a			
Printed/Typed Name Alfredo Puyol	Signature <i>Alfredo Puyol</i>	Month Day Year 7 30 14	

NIETO & SONS TRUCKING, INC.

Licnese # 673912

1281 Brea Canyon Road • Brea, CA 92821
 Mail Address: P.O. Box 760 • Yorba Linda, CA 92885-0760
 (714) 990-6855 • Fax (714) 990-4862

DAILY TICKET

DT **04366**

JOB DATE **07/28/14**

Su **(M)** Tu W Th F Sa

CUSTOMER FR CONSTRUCTION	ORDER DATE	ORDER TIME	P.O. NUMBER
ORDERED BY FRANK (760) 594-7828	TELEPHONE	JOB SITE - NAME - ADDRESS WITH CROSS STREETS FORMER GAS STATION	
ADDRESS IVAN		7210 BANCROFT AVENUE	
		OAKLAND	

DRIVER Ronnie Rodriguez	TRUCK NO 264	TRAILER /	HELPER #1 Carlos Orjaga	HELPER #2 /	TRUCK NO 170	START TIME 4AM
-----------------------------------	------------------------	---------------------	-----------------------------------	-----------------------	------------------------	--------------------------

ON SITE AT: **ASAP**

TANKS:	Contents	S/W	D/W	Contents	S/W	D/W	Contents	S/W	D/W		
#1	120 K GAS	FG Steel	8' or 9'6"	#2	120 K GAS	FG Steel	8' or 9'6"	#3	120 K GAS	FG Steel	8' or 9'6"
#4	100 K Diesel	FG Steel	8' or 9'6"	#5	K	FG Steel	8' or 9'6"	#6	K	FG Steel	8' or 9'6"

Any excess fluid in tank(s) YES NO If yes, what and how much? _____ LEAD AGENCY: _____

Windows required: YES NO If yes, A/C & rivet bust by **NIETO CLIENT** Water on site: YES NO

Chemist required: YES NO If yes, chemist by **NIETO CLIENT** On site at _____ Date on site _____ YES NO V/M

Double Degas: Day #1 _____ Date _____ AQMD# _____ Day #2 _____ Date _____ Time _____

Single degassing required: YES NO On site time: _____ Date: _____ AQMD # _____

Tank(s) lifted by: **CLIENT'S backhoe** **NIETO 14 ton stinger crane** **Hydro crane**

Hydro crane by: **NIETO CLIENT** Hydro crane company: _____ Crane scheduled: YES NO

Tank pull time: **8:30 AM** Crane arrival time: _____ Tank pull date: **7-29-TUESDAY**

Tanks hauled by: **NIETO CLIENT** To: **Ecology** Trk# **1** of **4** On site time _____ STAKEBED PICKUP TRUCK
 FLATBED DROP DECK & PERMIT SIGNS

Dry ice required YES NO Provided by: **NIETO CLIENT** If Nieto by: **WASH CREW** **TRACTOR TRAILER**
DROPPED AT SITE BY AIRGAS ON 7-28 IN TOTES

Type of dry ice: Sliced _____ lbs. Pellets **1150** lbs. Block _____ lbs. Amount **1150** at **25** lbs/1k

Special LEL/02 meter req'd? YES NO Air compressor venturi req'd? YES NO A/C Venturi Needed next day for tank pull? YES NO

ON SITE REPORT							TOTAL HOURS		
YARD DEPART	JOB ARRIVE	START WORK	STOP WORK	JOB DEPART	YARD ARRIVE	DELAYS ON SITE			
4:00	12:30	10:20		4:30					
Tanks on site	#1 12 K GAS	FG Steel	8' or 9'6"	#2 12 K GAS	FG Steel	8' or 9'6"	#3 12 K GAS	FG Steel	8' or 9'6"
#4 10 K Diesel	FG Steel	8' or 9'6"	#5 K	FG Steel	8' or 9'6"	#6 K	FG Steel	8' or 9'6"	

Manifest No. **005763998 FLE** Gallons: **1300** Excess fluid on site: YES NO How much? _____

Total Solids Less than 1/2 drum 1/2 Drum 1 Drum _____ Drums

NOTES: **One gas tank had 8" second gas tank had 7". Third gas tank had less than 10 gal. Same as Diesel.**

DRIVER SIGNATURE X	TRUCK NO.	CUSTOMER SIGNATURE Jm	DATE
------------------------------	-----------	---------------------------------	------

CA 83573

GREG'S Trucking Service, Inc.

P.O. BOX 1626 • SAN MATEO, CA 94401 • (650) 343-5946

34516

TRK LIC. NO. 9809279

CIRCLE ED HS SD TF IO LB BD FB

DELIVERY RECEIPT

MON. TUES. WED. THUR. FRI. SAT. SUN.

TRUCK NO. DC-3

DATE 8-1-14

UNDERLYING CARRIER Corbett

BRIDGE TOLLS

RECEIVED FROM (CONSIGNOR)

DELIVERED TO (CONSIGNEE)

ADDRESS

ADDRESS

CITY

CITY

BILL TO

JOB NO.

INITIAL HERE FOR EARLY START

PRECISE POINT OF ORIGIN

PRECISE POINT OF DESTINATION

GREG'S P.O. #

TAG NO.	WEIGHT	LOADING		UNLOADING	
		ARRIVE	DEPART	ARRIVE	DEPART
1 4003	1 Load	700	715	730	745
2 4008	19.96	800	810	820	830
3 4025	1 Load	830	835	840	845
4 4026	19.25	845	850	855	900
5 4045	1 Load	900	905	910	915
6 4046	19.87	915	920	930	940
7 4073	1 Load	940	950	1000	1010
8 4074	20.02	1010	1020	1030	1040
9 4105	1 Load	1050	1100	1110	1120
10 4106	18.65	1120	1145	1200	1215
11 4134	19.92	12.30	12.45	1255	105
12 4145	19.76	115	125	1.35	1.45
13 4157	20.21	200	215	2.30	240

NUMBER OF AXLES

5

TOTAL TONS:

COMMODITY TRANSPORTED

Pea Gravel Backfill

TIME DRIVER REPORTED FOR WORK

700

TIME TRUCK COMPLETED WORK

315

SIGN OUT TIME

INITIAL HERE FOR NO LUNCH

OVERALL TIME

8.25

TRAVEL TIME

DEDUCTIBLE TIME FOR MEALS OR FAILURE OF CARRIER EQUIPMENT

0

DRIVER'S SIGNATURE

[Signature]

TARE

NET CHARGEABLE TIME

8.25

DEBTOR AGREES TO PAY ANY LEGAL FEES, COURT COSTS FOR COLLECTION OF DELINQUENT ACCOUNTS. LEGAL RATE OF INTEREST WILL BE CHARGED FOR ALL PAST DUE ACCOUNTS.

APPLICABLE HOURLY RATE

RATE IN CENTS PER TON

CHARGES

CUSTOMER SIGNATURE

TOTAL

"These charges include taxes paid to California cities instead of excise or business license taxes they could otherwise impose."

GREG'S Trucking Service, Inc. is NOT Responsible for ANY HAZARDOUS MATERIAL

WEIGHMASTER CERTIFICATE
TRUCK SCALE



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.
Control No.: 12 362145

Ticket #: TBIDZD

Purchased From: FRC000
FR Construction, Inc
17125 Roseton Ave
Artesia, CA 90701

SHIP DATE: 07/25/14

WEIGHED AT:

12 RICHMOND, CA. RC3265
600 S. 4TH STREET
RICHMOND, CA 94804-3504
510-412-5300

Vehicle Tag No: 9E94064 State: CA

ID # 9E94064 Order # 17302 Ln 02

SHPMNT#	COMMODITY	GROSS	TARE	NET	PRICE	ADJ	REASON	RED	C/W	RD	EXT	ADJ	AMT	CBK	FRT	PRICE	TOTAL	AMT
800275	#1 Unprepared	49380a	38720b	10660					0.0		0.00		0.00		-249.90	230.0000NT		976.00

ALL WEIGHTS ARE REPORTED IN POUNDS UNLESS OTHERWISE INDICATED. ALL NON-POUND WEIGHTS ARE ASSUMED TO BE MANUAL WEIGHTS

TOTALS 10660 0.0 0.00 0.00 976.00

Ticket Comment: DOMI80 HRS-3

WEIGHMASTER SIGNATURE

CUSTOMER SIGNATURE

(Signature)

(Isabel Munoz)

(Signature)

+-----+
| GRS Date 07/25/14 | METRIC TON
| GRS Time 12:49 | 4.8353
| TRE Date 07/25/14 |
| TRE Time 13:05 |
+-----+

a=SCALE 1 b=SCALE 2 c=SCALE 3 d=SCALE 4 m=MANUAL WEIGHT

NOT REFUNDABLE MORE THAN 90 DAYS FROM ABOVE DATE

Customer Copy

In accordance with the Clean Air Act and other applicable laws, seller must sign the Scrap Acceptance Agreement form provided at the scale at least one time every 3 years, which applies to any recyclables in the transaction which may contain or have contained refrigerants or other potential Hazardous Materials.

FOR SALVAGE VEHICLE SALES: I hereby certify, under penalty of perjury that any vehicle sold has been cleared for dismantling with the Department of Motor Vehicles.

HOLD HARMLESS AGREEMENT: Seller will indemnify and hold buyer harmless for 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.

BILL OF SALE: I warrant that I am the owner (or owner's representative) of the material described hereon and have the right to sell same, that it contains no Hazardous Material as defined in the Scrap Acceptance Agreement or otherwise by any federal or state law and that for payment hereby received, I sell and convey title to Sims Hugo Neu.

Seller certifies that all refrigerant including but not limited to Chlorofluorocarbons and Hydrochlorofluorocarbons (collectively "CFC's") Refrigerants and their substitutes as defined in section 608 of the Clean Air Act that has not leaked previously have been recovered from appliance and motor vehicles prior to delivery. I understand it is unlawful to release Freon and CFC's into the atmosphere and that any CFC's must be properly removed before appliances or motor vehicle air conditioners can be recycled. I verify that either (check one):

- (1) all CFC's previously leaked from this container, or
- (2) all CFC's were properly recovered in accordance with 40 C.F.R. Section 82.156(g) and (h) by:

El vendedor certifica que todos los refrigerantes incluyendo pero no limitado a CFC's y HCFC's Refrigerantes y sus substitutos como se define en la seccion 608 del Acta de Aire Limpio que no ha goteado previamente han sido recuperados de los electrodomesticos y automoviles antes de ser entregados.

Yo entiendo que es contra la ley liberar Freon y otros clorofluorocarbonos y hidroclorofluorocarbonos (legalmente llamados CFC's) en el aire y que todos los CFC's tienen que estar removidos apropiadamente antes de que los aparatos o aire acondicionados de los carros puedan ser reciclados. Yo verifico que (cheque uno):

- (1) todos los CFC's han sido previamente evacuados de este contenedor, o
- (2) todos los CFC's fueron recuperados en forma apropiada de acuerdo con 40 C.F.R. Sección 82.156(g) y (h) por:

Name/Nombre: _____

Address/Direccion: _____

Date/Fecha: _____

Seller Signed/Seller Firma: _____

Printed Name/Nombre: _____

Date/Fecha: _____

Seller's Warrant/Seller's Warrant: Seller warrants and represents to the Purchaser the material transferred, by the Seller to the Purchaser pursuant to this Agreement is not and does not contain a "hazardous substance" as said term is defined in the current applicable federal or state environmental laws, rules, or regulations. In the event Purchaser incurs any liability or obligation due to a breach of said warranty and representation, Seller agrees to indemnify and hold Purchaser harmless from all such liabilities and obligations. Notwithstanding the foregoing, nothing set forth herein shall constitute a waiver by Seller of any rights under the law pursuant to any written or oral agreements that it may have against any entity.

EL VENDEDOR GARANTIZA. El vendedor garantiza y representa al Comprador que el material transferido, por el Vendedor al Comprador de acuerdo a este acuerdo no es y no contiene "sustancias peligrosas" como se dijo en e termino como se define en las leyes, reglas, o regulaciones ambientales federales y estatales. En el evento que el Comprador incurra alguna responsabilidad u obligacion por el rompimiento de dicha garantia y representacion. El Vendedor acuerda en indemnizar y no hacer responsable al Comprador de toda dicha responsabilidad y obligacion. No obstante lo precedente, nada dicho aqui constituirá una renuncia por el Vendedor de cualquier derecho bajo la ley según cualquier acuerdo escrito u oral que pueda tener en contra de cualquier entidad."

APPENDIX C



Since 1991

June 7, 2014

Mr. Keith Nowell
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, California 94502-6540

Remediation
Design and
Implementation
Programs

Re: Eastmont 76 Station
7210 Bancroft Avenue
Oakland, California 94605

Groundwater,
Soil and Air
Compliance
Sampling and
Reporting

Site Management Plan

Phase I and II
Commercial and
Industrial Site
Assessments

Dear Mr. Nowell:

On behalf of FR Construction, Inc. Atlas Environmental Engineering, Inc. (ATLAS), has prepared this *Site Management Plan (SMP)* as requested in the Alameda County Environmental Health (ACEH) electronic correspondence dated May 9, 2014 and conference call on May 28, 2014. This *SMP* was developed based on the proposed razing of the subject site (**Figures 1, 2, and Appendix A**). The *SMP* includes a site description, a discussion on the monitoring well network, site demolition plans, soil sampling plan, soil and groundwater management plan, interim removal work plan, site covering details, a work schedule, and reporting time line.

Discharge
Permitting

Spill Prevention,
Countermeasures
and Control

Environmental
Health and Safety
Specialists

Feasibility and
Risk Analysis

Hazardous Waste
Management and
Monitoring

SITE DESCRIPTION

The subject site is currently a non-operating 76 branded retail gasoline service station located on the northwest corner of Bancroft Avenue and 73rd Street, in Oakland, California. Site features include a mini mart/cashiers building centrally located on the property, three (3) fuel dispensing islands (each containing two (2) multi-product fuel dispensers) that are situated perpendicularly to Bancroft Avenue, an enhanced vapor recover system (EVR) and underground storage tank (UST) complex are located along the northern property line, and a miscellaneous storage box and trash enclosure near the northwest corner of the property line. A large canopy covers the fuel dispensing islands and the southern face of the mini mart/cashiers building. A network of thirteen (13) groundwater and/or treatment wells are located on-site and are associated to the ACEH Case #RO0000356.

The subject site surface covering is generally asphalt and cement in the areas of the fuel dispenser and UST complex. A site vicinity map is included as Figure 1, a site plan with major site features is included as Figure 2 and site plan with well locations is included in Appendix A.

Underground Storage Tanks

- Four (4) USTs are maintained at the subject site as follows:
- One (1) - 10,000 gallon UST - diesel
 - Three (3) - 12,000 gallon USTs - various grades of unleaded gasoline

WORK OUTLINE / SCHEDULE / REPORTING

A schedule of the work and reporting is summarized below and a timeline included as Table 1.

1. Well Abandonment Work Plan, Preparation and Submittal, ANTEA Group (ANTEA) - June 2014
2. Interim Removal Work Plan, Preparation and Submittal (ANTEA) - June 2014
3. Well Abandonment and Well Abandonment Reporting (ANTEA) - July 2014
4. Site Demolition of Structures/ UST Removal Activities (FR Construction) - August 2014 / September 2014 (reporting)
 - Surface Cover Removal (FR Construction)
 - Excavate and Expose Product Line Piping & Top of USTs
 - UST Removal
 - Confirmation Soil Sampling Below USTs, Fuel Dispensers and Product Lines
 - Excavation Backfill
 - UST Removal Activities and Confirmation Soil Sampling Reporting
5. Interim Removal Work (ANTEA) - To Be Determined
6. Site Cover (Property Owner) - To Be Determined
7. Well Installation (ANTEA) - To Be Determined









MONITORING WELL NETWORK - WELL ABANDONMENT

Prior to any site demolition work, all associated monitoring and treatment wells will be properly abandoned as described in the *Work Plan - Well Destruction and Replacement*, dated May 21, 2014, that was prepared by ANTEA and ACEH electronic approval correspondence dated June 2, 2014. Please note, all underground DPE treatment system

Construction Best Management Practices (BMPs)

Water Pollution Prevention Program
Clean Water, Healthy Community

Construction projects are required to implement the stormwater best management practices (BMP) on this page, as they apply to your project, all year long.

<p>Materials & Waste Management</p>  <p>Key Best-Management Practices</p> <ul style="list-style-type: none"> • Store and cover stockpiles of sand, dirt or other construction material with mats when rain is forecast or if not actively being used within 14 days. • Use (but don't remove) wheelbarrow tires that don't contain hazardous materials. • Label all liquid hazardous materials and hazardous waste in portable tanks, drums, kegs, barrels, kegs, and all other containers in accordance with city, county, state and federal regulations. • Store hazardous materials and wastes in secure, leak-resistant containers in appropriate secondary containment, and cover them at the end of every work day or during non-rainfall or when rain is forecast. • Follow manufacturer's application instructions for hazardous materials and be careful not to mix more than necessary. Do not apply chemicals unless they are in a labeled container. Do not apply chemicals unless they are in a labeled container. Do not apply chemicals unless they are in a labeled container. <p>Spill Prevention and Control</p> <ul style="list-style-type: none"> • Keep spill cleanup materials (sops, absorbents, etc.) available at the construction site at all times. • Remove vehicles and equipment frequently for and repair leaks promptly. Use drip pans or catch basins to contain leaks. • Clean up spills or leaks immediately and dispose of cleanup materials properly. • Do not leave down vehicles when fluids have leaked. Use dry cleanup methods (absorbent materials, etc.) to clean up spills. • Sweep up spilled dry materials immediately. Do not let them get into the storm drain. • Clean up spills and drips by sweeping up and promptly disposing of contaminated soil. • Report significant spills immediately. You are required to report all significant releases of hazardous materials, including oil. To report a spill: 1) Dial 911 or your local emergency response number; 2) Call the Corvallis Office of Emergency Services Working Center (503) 325-1750 (24 hours). 	<p>Equipment Management & Spill Control</p>  <p>Maintenance and Parking</p> <ul style="list-style-type: none"> • Clean up any oil leaks and equipment spills, or for which an equipment parking and storage. • Perform major maintenance, repair jobs, and vehicle and equipment outside of site. • If refueling or vehicle maintenance must be done inside, work in a bonded area away from water drains and use a drip pan big enough to collect fluids. • Accept or dispose of fluids in accordance with city, county or state regulations. • If vehicle or equipment cleaning must be done inside, clean with water only in a bonded area that will not collect these wastes in the site drains, storm, storm drains or water ways. • Do not allow fluids or equipment leaks onto mats, sops, absorbents, spill cleanup equipment, etc. <p>Spill Prevention and Control</p> <ul style="list-style-type: none"> • Keep spill cleanup materials (sops, absorbents, etc.) available at the construction site at all times. • Remove vehicles and equipment frequently for and repair leaks promptly. Use drip pans or catch basins to contain leaks. • Clean up spills or leaks immediately and dispose of cleanup materials properly. • Do not leave down vehicles when fluids have leaked. Use dry cleanup methods (absorbent materials, etc.) to clean up spills. • Sweep up spilled dry materials immediately. Do not let them get into the storm drain. • Clean up spills and drips by sweeping up and promptly disposing of contaminated soil. • Report significant spills immediately. You are required to report all significant releases of hazardous materials, including oil. To report a spill: 1) Dial 911 or your local emergency response number; 2) Call the Corvallis Office of Emergency Services Working Center (503) 325-1750 (24 hours). 	<p>Earthwork & Contaminated Soils</p>  <p>Erosion Control</p> <ul style="list-style-type: none"> • Establish grading and erosion control work for dry weather only. • Stabilize all finished areas, roads and maintenance areas with erosion control fabric or seeded straw mulch until vegetation is established. • Limit all plant operations for areas caused on slope or where construction is not immediately planned. <p>Sediment Control</p> <ul style="list-style-type: none"> • Prevent erosion from, grading, grading, grading, and other activities with appropriate BMPs, such as silt fences, straw bales, etc. • Prevent sediment from sedimentation by installing and maintaining sediment control devices in the silt fences, straw bales, etc. • Keep excavated soil on the site where it will not collect on the street. • Contaminated soils: <ul style="list-style-type: none"> • If excavated soil conditions, documentation, or other. • If excavated soil conditions, documentation, or other. • If excavated soil conditions, documentation, or other. 	<p>Paving/Asphalt Work</p>  <ul style="list-style-type: none"> • Avoid parking and fuel storage in wet weather or when rain is forecast before fresh pavement will have time to cure. • Cover areas where rain water can accumulate when applying and curing. Use drop sheets, catch basins like drains, or gravel traps to keep them out of the storm drain system. • Collect and recycle or appropriately dispose of excess asphalt gravel or sand. Do NOT dump or wash it into gutters. • Do not use water to wash down fresh asphalt material. <p>Sanctuary & Asphalt Concrete Removal</p> <ul style="list-style-type: none"> • Completely cover or barricade areas that fall into water runoff. Use drop sheets, catch basins like drains, or gravel traps to keep them out of the storm drain system. • Collect, absorb, or vacuum concrete slurry and dispose of all waste as soon as you are finished in the location or at the end of each work day (whether in a storm). • If concrete slurry enters a catch basin, clean it up immediately. 	<p>Concrete, Grout & Mortar Application</p>  <ul style="list-style-type: none"> • Store concrete, grout and mortar inside cover, on pallets and away from drainage areas. These materials must never reach a storm drain. • Wash out concrete equipment (such as hoses) at an outdoor area, on site to the drainage area (not the nearby lot) or some surrounding area. Let concrete harden and dispose of it in a bag. • Collect for wash water from washing equipment, aggregate containers and mixers in an appropriate disposal site. <p>Dewatering</p>  <ul style="list-style-type: none"> • Effectively manage all runoff. All runoff within the site, and all runoff that discharges from the site. Do not remove water from catch basins. Store all discharge water in alternative means immediately. • When dewatering, notify and obtain approval from the local jurisdiction before discharging water to a storm drain or water body. Filtration or diversion through a basin, tank, or sediment trap may be required. • In the event of power interruption, notice is required prior to reuse or discharge of groundwater. Consult with the Engineer to determine whether testing is required and how to interpret results. Contaminated groundwater must be tested or handled off-site for proper disposal. 	<p>Painting & Paint Removal</p>  <p>Painting Cleanup</p> <ul style="list-style-type: none"> • Never dump materials in storm pipes, catch basins, or water ways. • For water-based paints, paint can be washed in the storm drain. Run to the storm drain since you have painted permission from the local jurisdiction to paint in the storm drain. • For oil-based paints, paint can be washed in the storm drain only after it has been diluted with water to a proper consistency. Filter and store dilution and solvent. Dispose of residue and non-soluble dilution solvents in accordance with city, county or state regulations. <p>Paint Removal</p> <ul style="list-style-type: none"> • Cleaned paint (including residues and sludge) from concrete pavers or pipes containing lead or asbestos must be disposed of in hazardous waste. • Paint chips and dust from non-hazardous dry stripping and sandblasting may be swept up or collected in a catch basin and disposed of in a storm drain. <p>Landscape Materials</p>  <ul style="list-style-type: none"> • Certain recycled landscape materials, by using them under trees when they are not actively being used. • Check available landscape materials on pallets. Cover or water these materials. Do not let any material be washed or applied. • Document application of any mobile landscape material within 2 days before a storm rain event or during wet weather.
---	---	---	--	--	---

Storm drain polluters may be liable for fines of up to \$10,000 per day!

APPENDIX C

pipng encountered during site demolition will be removed or abandoned in place. Abandonment in place will consist of capping the exposed piping or conduit ends. Any removed piping will be cut and placed in the on-site refuse bin for landfill disposal.

SITE DEMOLITION / TANK REMOVAL/CONFIRMATION SAMPLING / EXCAVATION BACKFILL

Subsequent to well abandonment activities, FR Construction will remove all structures and site covering. Once site covering is removed, FR Construction will excavate and expose all product lines and the top of the USTs and prepare the USTs for removal. Once the USTs are removed per Oakland Fire Department specifications, confirmation soil sampling in the UST excavation and below the fuel dispensers and associated product lines will be conducted. All confirmation soil sampling activities will be conducted as described in ATLAS' *Soil Sampling Plan and Site Specific Health and Safety Plan (SSP&SSH)*, dated May 5, 2014, that was submitted to the Oakland Fire Department. All site demolition and UST removal activities will be conducted as approved by the City of Oakland and Oakland Fire Department (OFD). Copies of the *Site Demolition Plans* submitted to the OFD and *Soil Sampling Plan and Site Specific Health and Safety Plan*, dated May 5, 2014 are included in **Appendix B**.

Soil Management

Excavated soil will be placed a minimum of four (4) feet from the excavation, directly upon and covered by 6 mil polyethylene until soil characterization for backfill and/or disposal is arranged. Stockpile samples will be collected in order to characterize soil for possible disposal and/or backfill material. All clean soil will be stock piled on site to be used as backfill. Any soil stockpile found to exhibit contaminant concentrations will be scheduled for proper disposal. Exposed soil stockpiles will be suppressed with water to maintain moisture to reduce dust particulates in the air during the work period. Excavation, grading, and/or demolition activity will be suspended when winds speeds exceed 20 mph (SMAQMD, 2009).

Groundwater Management

In the event that groundwater is encountered (anticipated at approximately 18 to 21 feet bgs) during excavation of the USTs, the excavation will be de-watered and the water contained for transportation off-site for disposal. Re-use of the water is not anticipated due to the established groundwater conditions as reported by ANTEA in the *Semi-Annual Summary Report, March through September 2013*, dated October 31, 2013, under ACEH Case #RO0000356. Field activities will also observe the *Construction Best Management Practices (BMPs)* that are included in **Appendix C**.

Site Management Plan
Eastmont 76 Station
Oakland, California 94605

June 7, 2014
Page 4 of 5

Torrent Laboratory, Inc.
MDL/PQL

Test Code:	S_TPHDO	Hold Time:	14	Collection
Test Name:	TPH as Diesel and Motor Oil in Soil	Preservative:	6°C	
Reference:	SW8015B(M)	Bottle Code:	Brass Sleeve	
Prep Method:	3545_TPH	Bottles per Test:	1	
Department:	SVD	Conversion Units:	mg/Kg	

Excavation Backfill

The UST excavation will be backfilled with clean excavated soil generated during the UST removal program and/or imported material as advised in the Department of Toxic Substances Control (DTSC) *Information Advisory Clean Imported Fill Material* (DTSC, 2001).

INTERIM REMOVAL / SITE COVERING / WELL INSTALLATION

Work schedules are currently undetermined for interim removal (to be conducted by ANTEA), site covering (to be conducted by the property owner), and well installation (to be conducted by ANTEA). Furthermore, time lines will be dependent on ACEH approval of the *Interim Removal Work Plan*, dated June 9, 2014 (60-day review period), ANTEA's coordination, and execution of the approved work plan.

CLOSING

This SMP has been prepared by ATLAS at the request of FR Construction. Submission of this report to the appropriate regulatory agencies is recommended and is considered the responsibility of FR Construction. If you have any questions or require additional information in regards to this plan, please contact the undersigned at (714) 890-7129.

Sincerely,
ATLAS ENVIRONMENTAL ENGINEERING, INC.



Jasmine Senn
Project Scientist



Karl H. Kerner, P.E.
Project Manager/Senior Engineer

cc: Mr. Frank Lopez, FR Construction (w/I enclosure)

Parameter	MDL	PQL
TPH as Diesel	0.758	1.980
TPH as Motor Oil	1.782	3.960

Torrent Laboratory, Inc.
MDL/PQL

Test Code: S_8260MBTEX	Hold Time: 14	Collection
Test Name: MTBE, BTEX in Soil by 8260B	Preservative: 6°C	
Reference: SW8260B	Bottle Code: Brass Sleeve	
Prep Method:	Bottles per Test: 1	
Department: VO	Conversion Units: ug/Kg	

Parameter	MDL	PQL
Dibromochloromethane	1.121	10.000
1,3-Dichloropropane	2.060	10.000
1,2-Dibromoethane	1.743	10.000
Ethyl Benzene	0.862	10.000
Chlorobenzene	4.212	10.000
1,1,1,2-Tetrachloroethane	0.858	10.000
m,p-Xylene	1.850	10.000
o-Xylene	0.661	5.000
Styrene	0.765	10.000
Bromoform	1.898	10.000
Isopropyl Benzene	1.240	10.000
n-Propylbenzene	1.427	10.000
Bromobenzene	1.188	10.000
1,1,1,2,2-Tetrachloroethane	3.017	10.000
1,3,5-Trimethylbenzene	1.125	10.000
1,2,3-Trichloropropane	3.333	10.000
4-Chlorotoluene	1.589	10.000
2-Chlorotoluene	1.589	10.000
tert-Butylbenzene	1.434	10.000
1,2,4-Trimethylbenzene	1.086	10.000
sec-Butyl Benzene	1.633	10.000
p-Isopropyltoluene	1.459	10.000
1,3-Dichlorobenzene	1.793	10.000
1,4-Dichlorobenzene	1.496	10.000
n-Butylbenzene	2.186	10.000
1,2-Dichlorobenzene	1.311	10.000
1,2-Dibromo-3-Chloropropane	4.232	10.000
Hexachlorobutadiene	2.551	10.000
1,2,4-Trichlorobenzene	2.127	10.000
Naphthalene	2.838	10.000
1,2,3-Trichlorobenzene	2.875	10.000

*Site Management Plan
Eastmont 76 Station
Oakland, California 94605*

*June 7, 2014
Page 5 of 5*

Reference:

Antea Group (ANTEA), *Site Investigation Report*, January 24, 2014.

Department of Toxic Substances Control (DTSC), *Information Advisory Clean Imported Fill Material*, October 2001.

Sacramento Metropolitan Air Quality Management District (SMAQMD), *Enhanced Fugitive PM Dust Control Practices*, December 2009.

Attachment:

Figure 1 - Site Vicinity Map

Figure 2 - Site Plan - Major Site Features

Table 1 - Work and Reporting Timeline

Appendix A - Site Plan - Well Locations (ANTEA)

Appendix B - Site Demolition Plans and *Soil Sampling Plan and Site Specific Health and Safety Plan*, dated May 5, 2014

Appendix C - *Construction Best Management Practices (BMPs)*

FIGURES

Torrent Laboratory, Inc.
MDL/PQL

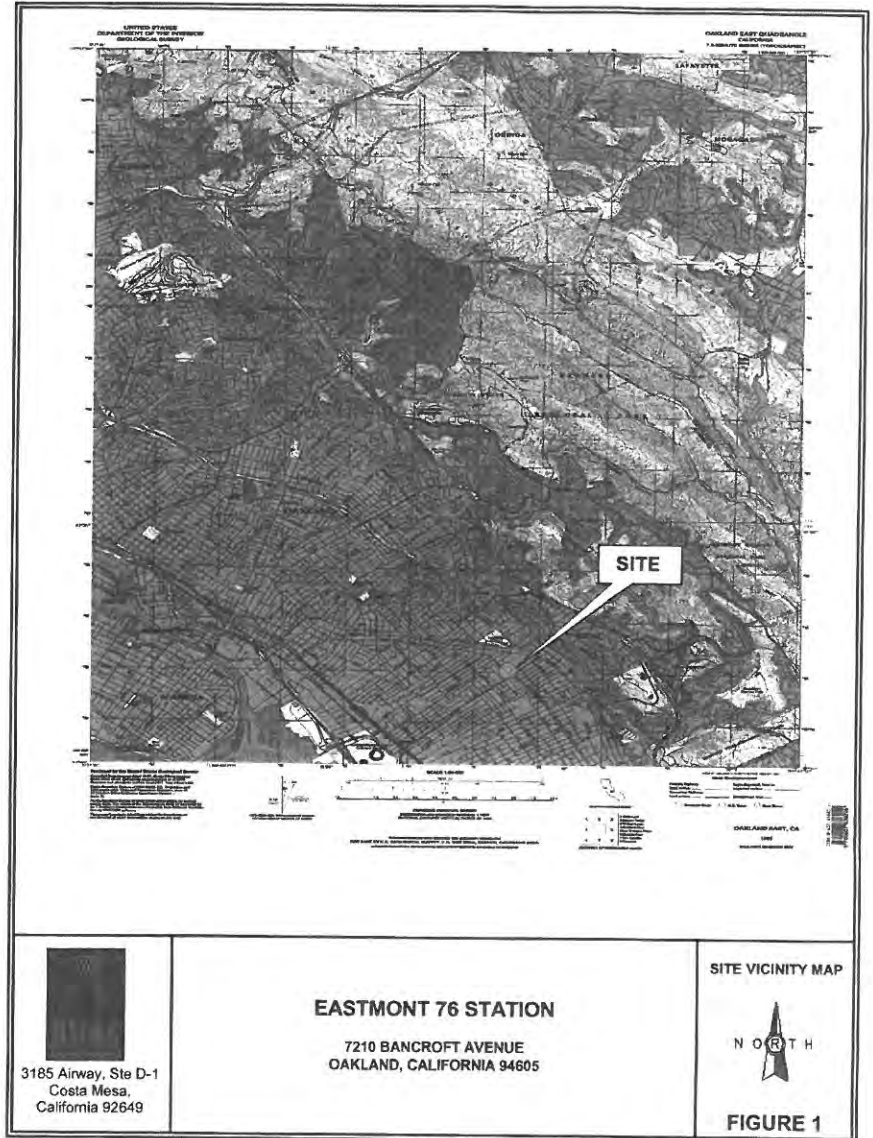
Test Code: S_8260MBTEX	Hold Time: 14	Collection
Test Name: MTBE, BTEX in Soil by 8260B	Preservative: 6°C	
Reference: SW8260B	Bottle Code: Brass Sleeve	
Prep Method:	Bottles per Test: 1	
Department: VO	Conversion Units: ug/Kg	

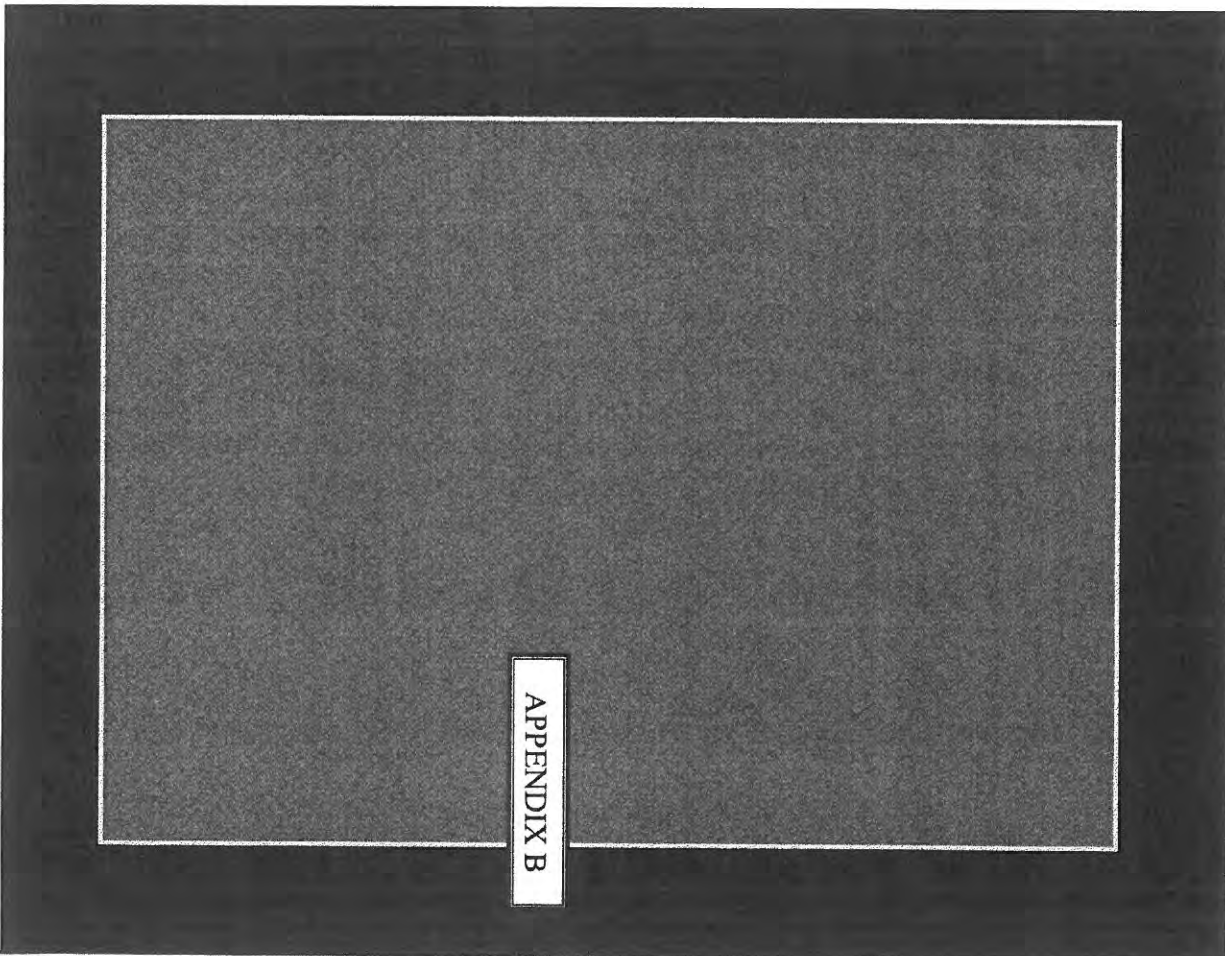
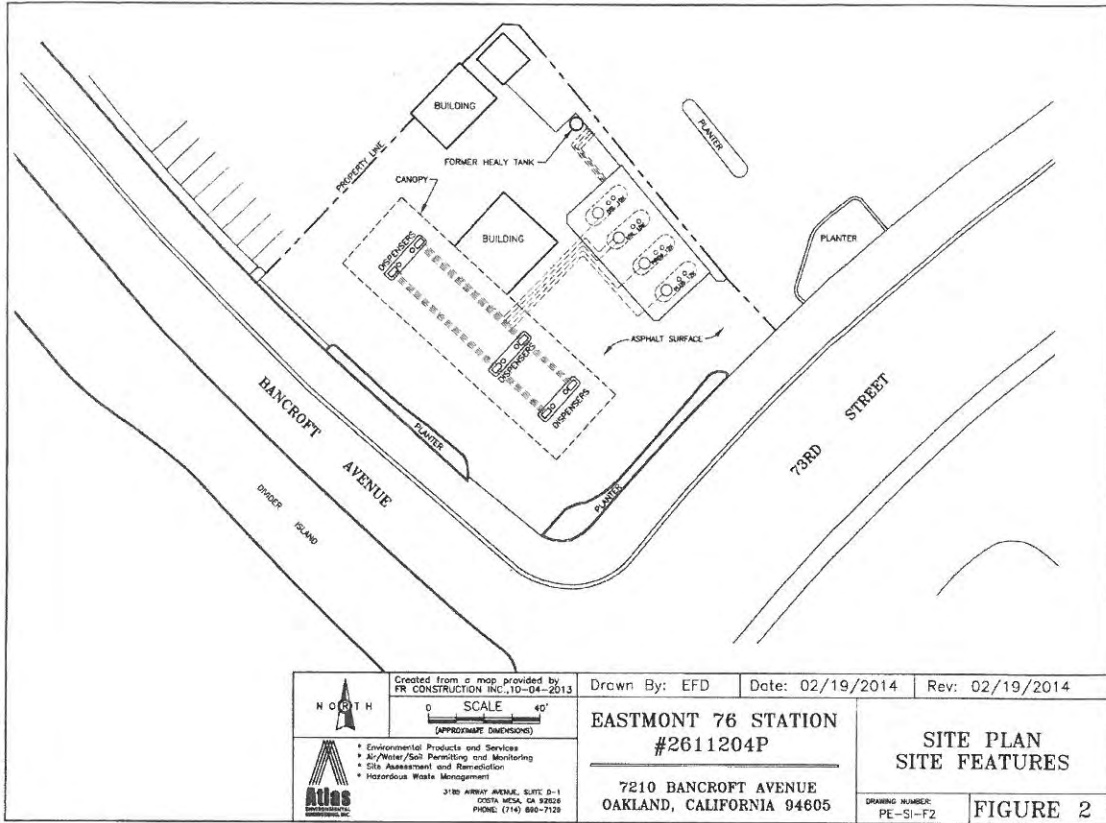
Parameter	MDL	PQL
Dichlorodifluoromethane	4.373	10.000
Chloromethane	4.605	10.000
Vinyl Chloride	2.641	10.000
Bromomethane	4.666	10.000
Trichlorofluoromethane	2.882	10.000
1,1-Dichloroethene	1.548	10.000
Freon 113	3.712	10.000
Methylene Chloride	1.986	10.000
trans-1,2-Dichloroethene	1.112	10.000
MTBE	2.585	10.000
tert-Butanol	20.758	50.000
Diisopropyl ether (DIPE)	2.189	10.000
1,1-Dichloroethane	1.279	10.000
ETBE	2.414	10.000
cis-1,2-Dichloroethene	1.760	10.000
2,2-Dichloropropane	1.239	10.000
Bromochloromethane	2.291	10.000
Chloroform	1.217	10.000
Carbon Tetrachloride	1.611	10.000
1,1,1-Trichloroethane	1.216	10.000
1,1-Dichloropropene	1.448	10.000
Benzene	1.500	10.000
TAME	2.053	10.000
1,2-Dichloroethane	1.905	10.000
Trichloroethylene	3.880	10.000
Dibromomethane	2.198	10.000
1,2-Dichloropropane	1.303	10.000
Bromodichloromethane	1.117	10.000
2-Chloroethyl vinyl ether	4.489	10.000
cis-1,3-Dichloropropane	1.411	10.000
Toluene	0.982	10.000
Tetrachloroethylene	1.809	10.000
trans-1,3-Dichloropropene	1.154	10.000
1,1,2-Trichloroethane	1.827	10.000

Torrent Laboratory, Inc.
MDL/PQL

Test Code:	S_6010B_ALL	Hold Time:	180	Collection
Test Name:	ICP metals by SW 846 6010B (CAM17, cations, SiO2,P)	Preservative:	6°C	
Reference:	SW6010B	Bottle Code:	Brass Sleeve	
Prep Method:	3050	Bottles per Test:	1	
Department:	IO-Me	Conversion Units:	mg/Kg	

Parameter	MDL	PQL
Fe 238.863 R	8.555	200.000
Al 396.153 R	1.865	60.000
Ca 317.933 R	18.675	300.000
Mg 285.213 R	5.330	100.000
Mn 257.610 R	0.505	10.000
Sb 206.836	0.195	10.000
As 188.979	0.250	1.500
Ba 233.527 R	0.065	20.000
Be 313.107 R	0.080	2.000
Cd 228.802	0.055	1.000
Cr 205.560	0.050	5.000
Co 228.616	0.055	5.000
Cu 327.393	0.640	5.000
Pb 220.353	0.140	1.000
Mo 202.031	0.120	5.000
Ni 231.604	0.050	5.000
Se 196.026	0.415	5.000
Ag 338.269	0.370	1.000
Ti 190.801	0.485	5.000
V 290.890	0.175	5.000
Zn 206.200	0.250	5.000
K 766.490	4.445	100.000
Na 589.592	3.790	100.000
P 214.914	5.000	50.000
S 181.975	5.000	50.000





APPENDIX B

Hazard and Exposure Information

Acute Hazard- An adverse health effect which occurs rapidly as a result of short term exposure.

CAS#- American Chemical Societies Chemical Abstract service registry number which identifies the product and/or ingredients.

Ceiling- The concentration that should not be exceeded during any part of the working exposure

Chronic Hazard- An adverse health effect which generally occurs as a result of long term exposure or short term exposure with delayed health effects and is of long duration

Fire Hazard- A material that poses a physical hazard by being flammable, combustible, pyrophoric or an oxidizer as defined by 29 CFR 1910.1200

Hazard Class- DOT hazard classification

IDLH- Immediately Dangerous to Life and Health, the airborne concentration below which a person can escape without respiratory protection and exposure up to 30 minutes, and not suffer debilitation or irreversible health effects. Established by NIOSH.

mg/m3- Milligrams of contaminant per cubic meter of air, a mass to volume ratio

N/A- Not available or no relevant information found

NA- Not applicable

PEL- OSHA permissible exposure limit; an action level of one half this value may be applicable

ppm- Part per million (one volume of vapor or gas in one million volumes of air)

Pressure Hazard- A material that poses a physical hazard due to the potential to become unstable reactive, water reactive or that is an organic peroxide as defined by 29 CFR 1910.1200

STEL- The ACGIH short-term exposure limit, a 15-minute time-weighted average exposure which should not be exceeded at any time during a workday, even if the 8-hour TWA is less than the TLV

8-hour TWA- The time weighted average concentration for a normal 8-hour workday and a 40-hour workweek, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

W- Do Not Add Water- water reactive materials may produce toxic gas, extreme heat, or chemical reaction on contact with water

TABLES

TABLE - 1

7210 Bancroft Avenue, Oakland, CA



Health and Safety Plan
 Eastmont 76 Station
 Oakland, California 94605

Task Name	Q2			Q3			Q4		
	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Well Abandonment									
Well Abandonment Work Plan									
Regulatory Work Plan Approval									
Well Abandonment Activities									
Well Abandonment Reporting									
Demolition & UST Removal									
Oakland Fire Dept. Plan Approval									
Structure Demolition									
Surface Cover Removal									
Excavate & Expose Top of USTs and Product Lines									
Flush Product from Lines Back to USTs									
Rinse and Clean USTs									
Certify USTs as Clean									
Dispose Product to Licensed Haz Waste Treatment Facility									
Removal USTs									
Remove Piping									
Collect Confirmation Soil Samples									
UST Excavation Backfill									
Leave Site to Grade									
Tank Closure Report									
Interim Removal									
Interim Removal Work Plan									
Regulatory Work Plan Approval									
Interim Removal Activities									
Interim Removal Reporting									
Surface Paving									
Well Installation									

This material safety data sheet was prepared by T. W. Brown Oil Co., Inc. in accordance with 29 CFR 1910.1200. All information, recommendations and suggestions appearing herein concerning this product are based upon tests and data believed to be reliable, however, it is the user's responsibility to determine the safety, toxicity and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee expressed or implied is made by T. W. Brown Oil Co., Inc. as to the effects of such use, the results to be obtained or the safety and toxicity of the product nor does T. W. Brown Oil Co., Inc. assume any liability arising out of use by others of the product referred to herein. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

Government Agencies and Private Associations

- ACGIH- American Conference of Governmental Industrial hygienists, (private association)
- DOT- United States Department of Transportation
- EPA- United States Environmental Protection Agency
- IARC- International Agency for Research on Cancer, (private association)
- NFPA- National Fire Protection Association, (private association)
- MSHA- Mine Safety and Health Administration, U.S. Department of Labor
- NIOSH- National Institute of Occupational Safety and Health, U.S. Department of Health and Human Services
- NTP- National Toxicology Program, (private association)
- OSHA- Occupational Safety and Health Administration, U.S. Department of Labor

15. Regulatory Information

TSCA (Toxic Substance Control Act) Inventory

Gasoline is listed in the TSCA inventory.

SARA (Superfund Amendments and Reauthorization Act) TITLE III

This product is reportable under SARA Title III, Sections 311 & 312 as a hazardous substance.

Hazard Categories Applicable under 40 DFR 370.2 (SARA Section 311):

Acute Health	Chronic Health	Pressure	Fire	Reactive
Yes	Yes	No	Yes	No

Components Listed under 40 CFR 372.2 (SARA Section 311):

This product does not contain chemicals identified as toxic by EPA under CFR part 372 and is not subject to the reporting requirements of this section. The chemicals contained are:

Component	CAS Number	Percentage
n-Hexane	110-54-31	<6
Cyclohexane	142-82-5	<2
Methyl-t-butyl ether	1634-04-4	<15
Benzene	71-43-2	<3.5
Toluene	100-88-3	<13
Ethylbenzene	100-41-4	<2
o-Xylene	95-47-6	<4
m-Xylene	108-38-3	<4
p-Xylene	106-42-3	<4
Xylene (Mixed Isomers)	1330-20-7	Total <12
1,2,4-Trimethylbezxene	95-63-6	<5

State Regulations:

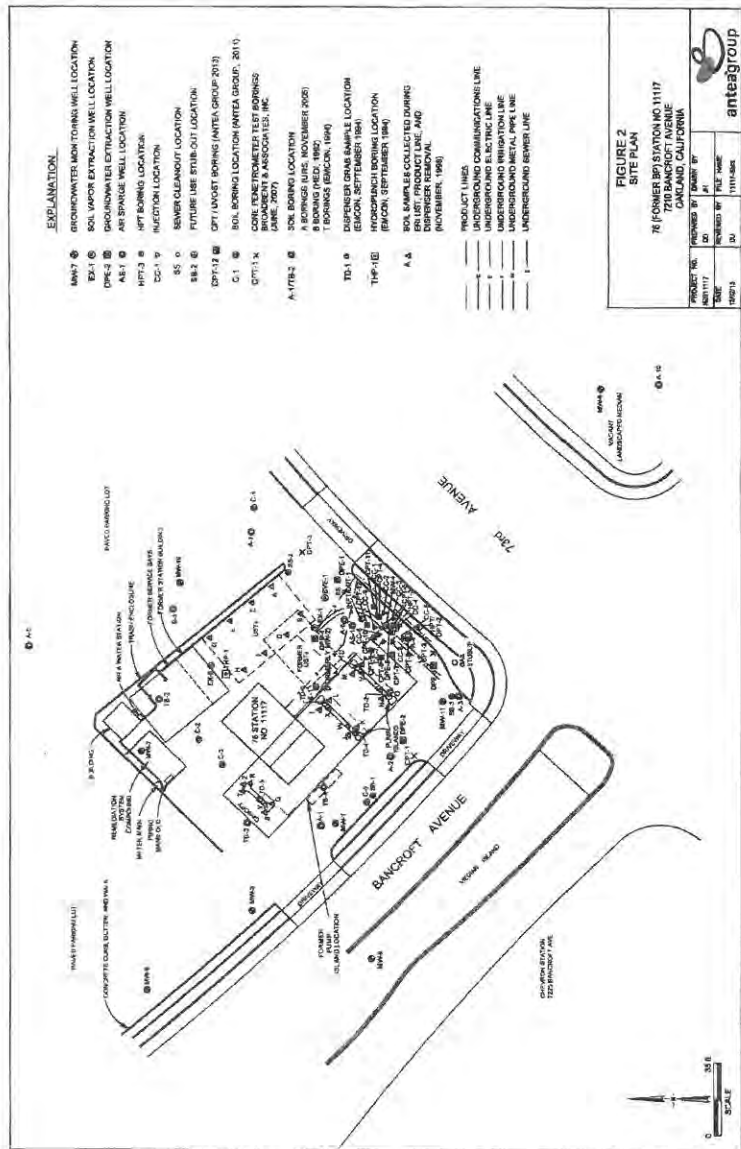
California Proposition 65: This product contains chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm. These chemicals are: Benzene (cancer), toluene (reproductive effects).

16. Other Information

NFPA (National Fire Protection Association) Hazard Ratings Codes*

Fire	Health	Reactivity	Other
3	1	0	Blank

*Based on Standard System for the Identification of the Fire Hazards of Materials, NFPA No. 704 M



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 Oakland, California 94605

9. Physical and Chemical Properties

Appearance and Odor: Clear, pink, or blue tinted liquid with characteristic, pungent odor; odor threshold is 0.25 ppm and is not an index of exposure.
Boiling Range @ 760 mm Hg: 80-437 degrees F
Melting Point: NA
Vapor Density (Air=1): 3.0-4.0
Evaporation Rate (BuAc=1): N/A
Specific Gravity (H2O=1): 0.68-0.76 @60 degrees F
Bulk Density At 60 degrees F: 5.7-6.3 lbs./gal.
Solubility in H2O % by WT.: Trace
Reid Vapor Pressure: 6.8-15 PSI
% Volatiles By Vol.: ~100
API Gravity: 50-75
pH: NA
Ron: 89-98

10. Stability and Reactivity Information

Conditions Contributing to Instability: Under normal conditions, the material is stable.
Incompatibility: Avoid contact with oxidizers and sources of ignition.
Hazardous Decomposition Products: Carbon dioxide, carbon monoxide.
Hazardous Polymerization: None

11. Toxicological Information

For detailed information, contact MSDS Assistance at (210) 592-4593

12. Ecological Information

For detailed information, contact MSDS Assistance at (210) 592-4593

13. Disposal Considerations

Shipment, storage, disposal, and cleanup actions of waste materials are regulated under local, state and federal rules. Contact the appropriate agencies if uncertain of applicability. Waste product and contaminated material having a flash point below 140 degrees F is considered a hazardous waste. DOT Hazardous Waste Number D001 applies. Consult 40 CFR 262 for EPA disposal requirements.

14. Transport Information

DOT Proper Shipping Name	Gasoline
DOT Hazard Class*	3
DOT Packing Group (PG)	II
I.D. Number	UN 1203
Required Labeling	Flammable Liquid

recovery systems may be required in some areas. Mechanical ventilation is required for confined spaces such as tanks and vessels.

Specific Personal Protective Equipment

Respiratory: Respiratory protection is not normally not required when transferring material in well ventilated areas. When transferring in enclosed areas or at high temperatures, vapors concentrations may warrant use of respiratory equipment. Use NIOSH approved respiratory protection following manufacture's recommendations. Positive pressure supplied air respiratory protection is required for IDLH areas; follow ANSI Z88.2

Eye: Face shield and goggles or chemical goggles should be worn where splashing is likely.

Gloves: Impemeable protective gloves such as nitrile gloves should be worn during routine handling of this product.

Other Clothing and Equipment: Standard work clothing is sufficient with good practices. Clothing contaminated with this product should be removed and laundered before reuse. Items which can not be laundered should be discarded. Allow contaminated items to air dry or hang in a well ventilated area. Spontaneous combustion or fire may result from contaminated materials being placed together before drying. Shower and eyewash facilities should be accessible.

Special Work Practices:

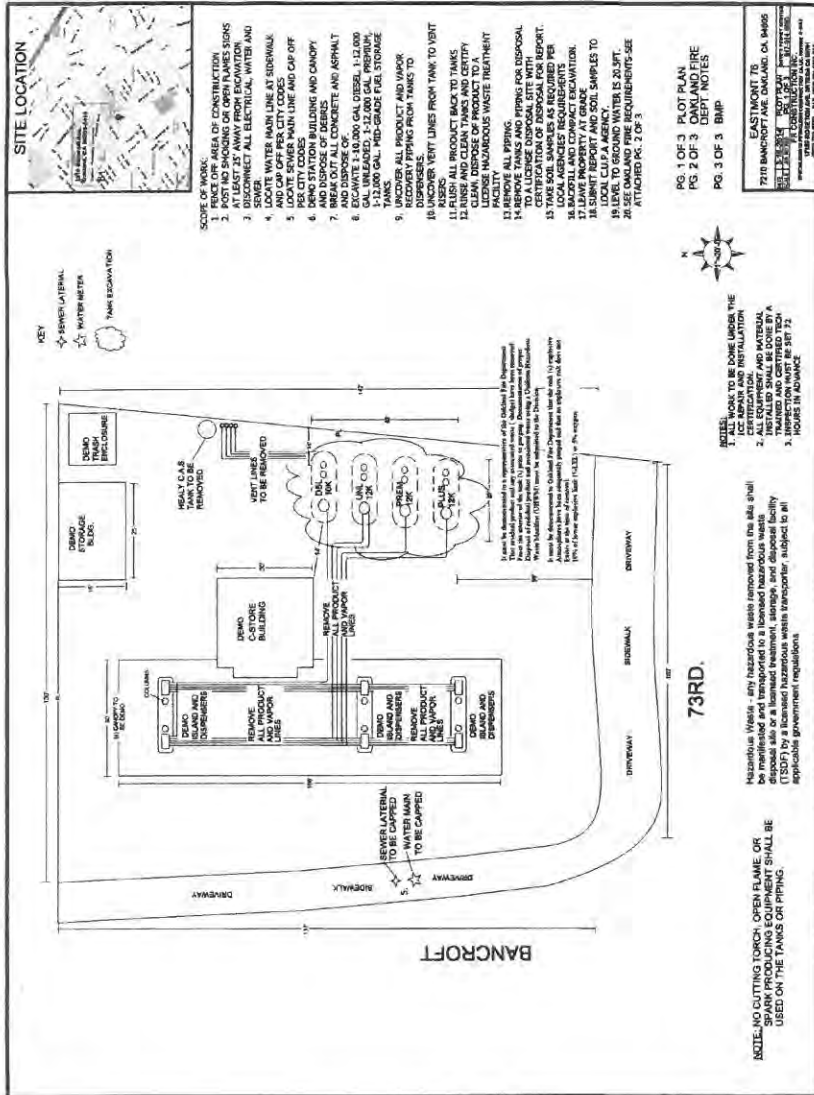
- (1) Wear impervious gloves such as nitrile gloves when "dip-sticking storage tanks"
- (2) Work up-wind of small spills during clean-up
- (3) DO NOT USE THIS PRODUCT as a solvent for cleaning equipment or skin
- (4) Store small quantities ONLY in "SAFETY CANS" approved for gasoline storage and labeled "GASOLINE"
- (5) Allow contaminated rags to completely dry in a well ventilated area before storage

Exposure Monitoring

Biological: No applicable procedure, breath analysis for hydrocarbons has been suggested. Below are biological monitoring procedures for certain ingredients:

ANALYTE	DETERMINANT	SAMPLING TIME	BIOLOGICAL EXPOSURE INDEX (BEI)
Benzene	S-phenylmercapturic acid in urine	End of shift	25 ug/g creatinine
Toluene	Hippuric acid in urine	End of shift	1.6 g/g creatinine
	Toluene in venous blood	Prior to last shift of week	0.05 mg/L
n-Hexane	2,5-Hexanedione in urine	End of shift	5 mg/g creatinine
	n-Heane in exhaled air		Semiquantitative
Ethylbenzene	Mandelic acid in urine	End of last shift of week	1.5 g/g creatinine
	Ethylbenzene in exhaled air		Semiquantitative
Xylene	Methylhippuric acid in urine	End of shift	1.5 g/g creatinine

Personal/Area: Both active and passive air monitoring utilizing activated charcoal absorption followed by gas chromatography are recommended. A molecular weight of 72.5 has been suggested as the average value to convert total hydrocarbon results from milligrams per cubic meter to ppm. Direct reading indicating tubes are available to evaluate short term exposure.



- SCOPE OF WORK - AREA OF CONSTRUCTION**
1. POST NO SHOOTING OR OPEN FLAMES SIGNS AT LEAST 35' AWAY FROM EXCAVATION
 2. DECONTAMINATE ALL ELECTRICAL, WATER AND SEWER
 3. LOCATE WATER MAIN LINE AT SIDEWALK
 4. LOCATE SEWER MAIN LINE AND CAP OFF
 5. PER CITY CODES, OBTAINING AND CARRY AND DISPOSE OF PERMITS
 7. BREAK OUT ALL CONCRETE AND ASPHALT
 8. EXCAVATE 1-12,000 GAL DIESEL, 1-12,000 GAL UNLEADED, 1-12,000 GAL PROPANE, 1-12,000 GAL, MID-GRADE FUEL STORAGE TANKS
 9. UNCOVER ALL PRODUCT AND VAPOR DISPERGERS
 10. UNCOVER VENT LINES FROM TANK TO VENT
 11. REMOVE ALL PRODUCT BACK TO TANKS
 12. RINSE AND CLEAN TANKS AND CERTIFY CLEAN. DISPOSE OF PRODUCT TO A HAZARDOUS WASTE TREATMENT FACILITY
 13. REMOVE ALL PIPING FOR DISPOSAL
 14. OBTAIN ALL NECESSARY PERMITS FOR DISPOSAL
 15. OBTAIN ALL NECESSARY PERMITS FOR REPORT. LOCAL AGENCIES' REQUIREMENTS
 16. OBTAIN ALL NECESSARY PERMITS FOR LOCAL AGENCIES' REQUIREMENTS
 17. OBTAIN ALL NECESSARY PERMITS FOR LOCAL AGENCIES' REQUIREMENTS
 18. SUBMIT REPORT AND SOIL SAMPLES TO LOCAL CLU/A AGENCY
 19. OBTAIN ALL NECESSARY PERMITS FOR REPORT
 20. OBTAIN ALL NECESSARY PERMITS FOR REPORT
 21. OBTAIN ALL NECESSARY PERMITS FOR REPORT
 22. SEE OAKLAND FIRE REQUIREMENTS-SEE ATTACHED PG. 2 OF 3

PG. 1 OF 3
 PG. 2 OF 3
 PG. 3 OF 3
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- NOTES:**
1. ALL WORK TO BE DONE UNDER THE SUPERVISION OF A LICENSED CONTRACTOR.
 2. ALL MATERIALS TO BE REMOVED SHALL BE DONE BY A LICENSED HAZARDOUS WASTE TRANSPORTER.
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NOTE: NO CUTTING TORCH, OPEN FLAME OR SPARK PRODUCING EQUIPMENT SHALL BE USED ON THE TANKS OR PIPING.

HAZARDOUS WASTE: any hazardous waste removed from the site shall be transported to a licensed hazardous waste transporter and disposed of at a licensed hazardous waste treatment, storage, and disposal facility (TSDF) by a licensed hazardous waste transporter, subject to all applicable government regulations.

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Inhalation: Get person out of contaminated area to fresh air. If breathing has stopped resuscitate and administer oxygen if readily available. **SEEK MEDICAL ATTENTION IMMEDIATELY.**

Ingestion: Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting. If vomiting occurs spontaneously, keep airway clear. **SEEK MEDICAL ATTENTION IMMEDIATELY.**

Note to Physician: Gastric lavage only if large quantity has been ingested. Guard against aspiration into lungs which may result in chemical pneumonitis. Irregular heart beat may occur, use of adrenaline is not advised. Treat symptomatically.

5. Fire and Explosion Data

Flash Point: <-40 degrees (Estimated)
Autoignition Temperature: 480 degrees F
Flammable Limits in Air: UEL: 7.1% - LEL: 1.3%

Extinguishing Media: Use dry chemical, carbon dioxide, foam or water spray. Water may be ineffective in fighting fires of liquids with low flash points, but water should be used to keep fire exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to protect persons attempting to stop a leak.

Special Fire Fighting Procedures: Pressure-demand, self contained, breathing apparatus should be provided for fire fighters engaged in activities in the hot zone.

Unusual Fire And Explosion Hazard: Vapors may travel extended distances and flashback with explosive force if ignition sources are present. Clothing, regs, or similar organic material contaminated with the product and stored in a closed space may undergo spontaneous combustion.

6. Accidental Release Measures

Eliminate all sources of ignition (flames, sparks, heat, electrical equipment, and engines) and remove non-response personnel from the spill area. Contain liquids with earthen dikes or petroleum absorbent materials. Prevent discharges to streams or sewer systems. Control vapors from large spills with fire-fighting foam. Remove liquid with explosion-proof equipment and grounded and bonded suction hoses. Report spills or releases as required to the appropriate local, state and federal regulatory agencies.

7. Handling and Storage Information

This product is intended for use as engine fuel only. Protect containers against physical damage. Outside or detached storage or underground storage is preferred. Separate from oxidizing materials. Store in cool, well ventilated area of non-combustible construction away from possible sources of ignition (flames, sparks, heat, electrical equipment, and engines). Transfer with explosion-proof equipment and grounded and bonded transfer lines. Consult NFPA 30 and OSHA 1910.106 for specific requirements.

8. Exposure Controls/Personal Protection

Ventilation Requirements: Work in well ventilated areas using good engineering practices to process, transfer and store. Explosion-proof equipment is required. Vapor

Hazards of Combustion Products: Carbon monoxide and carbon dioxide can be found in the combustion products of this product and other forms of hydrocarbon combustion. Carbon monoxide in moderate concentrations can cause symptoms of headache, nausea, vomiting, increased cardiac output, and confusion. Exposure to higher concentrations of carbon monoxide can cause loss of consciousness, heart damage, brain damage, and/or death. Exposure to high concentrations of carbon dioxide can cause simple asphyxiation by displacing available oxygen. Combustion of this and other similar materials should only be carried out in well ventilated areas.

Medical Condition Generally Aggravated By Exposure: Medical conditions which have the same symptoms and effects as those outlined under the health hazard information section can be aggravated by exposure to this product.

Medical Limitation: N/A

Routes Of Exposure

Inhalation: Irritation of the upper respiratory tract with central nervous system stimulation possible followed by depression, dizziness, headache, incoordination, anaesthesia, coma, and respiratory arrest. The threshold for immediate mild toxic effects is reported to be 900-1000 ppm.

Skin Contact: Defatting of the skin may occur with continued and prolonged contact. Irritation and burning sensation may occur on exposure to the liquid or high vapor phase exposure..

Skin Absorption: Benzene is absorbed directly through intact skin.

Eye Contact: Contact with liquid will cause severe burning sensation with temporary irritation and swelling of lids. Vapor in concentrations of 160-270 ppm in air will irritate the eye.

Ingestion: Irritation of the mucous membranes of throat, esophagus and stomach which may result in nausea and vomiting; depression may occur, if absorbed (see inhalation symptoms above). If aspirated, chemical pneumonitis may occur with potentially fatal results.

Carcinogenicity Statement: Gasoline mixtures are not listed as carcinogenic by NTP, OSHA, and ACGIH. Gasoline mixtures are listed as a possible carcinogen by IARC (2B) and NIOSH. Benzene is listed as a confirmed human carcinogen by IARC, NTP, OSHA, NIOSH, and ACGIH.

4. First Aid Measures

Eyes: Immediately flush eyes with large amount of water for at least 15 minutes holding lids apart to ensure flushing of the entire eye surface. **SEEK IMMEDIATE MEDICAL ATTENTION.**

Skin: Wash contaminated areas with plenty of soap and water. A soothing ointment may be applied to irritated skin after thorough cleansing. Remove contaminated clothing and footwear. **SEEK IMMEDIATE MEDICAL ATTENTION.**

INSTRUCTIONS TO CLOVER UNDERGROUND STORAGE TANKS EXTENSION

- 1) Refer to the City of Oakland Office of the Fire Marshal (OFM) Form OFM-101 (Underground Storage Tank System Closure Permit Application, Permit Fee Schedule, and Additional Information) and the City of Oakland Office of the Fire Marshal (OFM) Form OFM-102 (Underground Storage Tank System Closure Permit Application, Permit Fee Schedule, and Additional Information) for the City of Oakland Office of the Fire Marshal (OFM) Form OFM-103 (Underground Storage Tank System Closure Permit Application, Permit Fee Schedule, and Additional Information).
- 2) Provide up to the submitted applications, which include the City of Oakland Office of the Fire Marshal (OFM) Form OFM-101 (Underground Storage Tank System Closure Permit Application, Permit Fee Schedule, and Additional Information) and the City of Oakland Office of the Fire Marshal (OFM) Form OFM-102 (Underground Storage Tank System Closure Permit Application, Permit Fee Schedule, and Additional Information) to the City of Oakland Office of the Fire Marshal (OFM) Form OFM-103 (Underground Storage Tank System Closure Permit Application, Permit Fee Schedule, and Additional Information).
- 3) The OFM must be notified a minimum of 60 days prior to (1) days prior to or work to permit to undertake a removal inspection. The removal inspection OFM must be present at the time of removal. A representative of the City of Oakland Office of the Fire Marshal (OFM) Form OFM-103 (Underground Storage Tank System Closure Permit Application, Permit Fee Schedule, and Additional Information) must be present at the time of removal.
- 4) A site safety, Health and Safety Plan must be submitted for review and approval of the OFM. The Underground Storage Tank System Closure Permit Application, Permit Fee Schedule, and Additional Information must be submitted at 415-422-2444 prior to the start of any excavations.
- 5) A Tank Closure Report must be submitted within 30 days of removal/leakage/leakage, containing a general description of the closure activities, including:
 - Description of tank, fittings and piping conditions. Size and date of removal.
 - Description of the excavation process. How the tank was excavated.
 - Description of the excavation time. Include tank and excavation depth, a log of excavation time, and a log of the excavation process.
 - Location of the tank. The location of the tank and the location of the tank.
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- 6) An additional copy of the report will be required for inspection, and the report must be approved by the OFM to be recognized as valid.

It must be demonstrated to a representative of the Oakland Fire Department that residual product and any associated waste (sludge) have been removed from the interior of the tank (s) prior to purging. Documentation of purging may be provided in the form of a written report and photographs of the White Manifold (UEPWS) must be submitted to the Division.

It must be demonstrated to Oakland Fire Department that the tank (s) explosion has been adequately purged and that an explosive risk does not exist at the time of the tank (s) removal.

Underground tank (s) and associated piping removed from excavation must be placed under 15' deep excavation. Underneath the tank (s) must be placed a layer of clean sand. Underneath the sand must be placed a layer of concrete or Class I landfill. Underneath the concrete or Class I landfill, prevent water to reduce the risk of fire. However, the high pressure washing (approximately one discrete sample per twenty (20) cubic yards). The soil samples will be collected by qualified, independent third party. All samples collected, transported, and analyzed. A substantial to the Oakland Fire shall be submitted within thirty (30) days following removal of the tank (s). A written sample analysis report, which includes chain of custody information, must be submitted to the City of Oakland Office of the Fire Marshal. The reports analysis results and conclusions are subject to critical review.

Transported tanks will have all opening sealed, except the opening used for tank filling for ventilation with 2" or other device which will be provided. This criteria is stated in 29 CFR 1910.106.



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Inspector Keith L. Matthews
Oakland Fire Department
Fire Prevention Bureau
250 Frank H. Ogawa Plaza, Suite 3341
Oakland, California 94612

Re: Eastmont 76 Station
7210 Bancroft Avenue
Oakland, California 94605
Soil Sampling Plan and Site Specific Health and Safety Plan

Dear Inspector Matthews:

On behalf of FR Construction, Inc. Atlas Environmental Engineering, Inc. (ATLAS), has prepared this *Soil Sampling Plan* which includes a *Site Specific Health and Safety Plan* as requested in the Oakland Fire Department (OFD) electronic correspondence dated April 17, 2014. This *Soil Sampling Plan* and *Site Specific Health and Safety Plan* was developed based on the proposed site demolition of the subject site which includes removal of the underground storage tanks (USTs), associated fuel dispensers, product conveyance pipes, and vent lines. Attached as **Figure 1** is a site plan with the major site features. Soil sampling activities will be conducted by a Geologist, Engineer, Scientist, or field technician under the supervision of a Professional Engineer. All health and safety procedures will be conducted as described in the *Site Specific Health and Safety Plan* included in **Appendix A**.

SOIL SAMPLING PROCEDURES, QUALITY ASSURANCE AND QUALITY CONTROL

Underground Storage Tanks (UST)

Soil samples will be collected at depths of approximately 2 feet below each UST invert at the following locations:

May 5, 2014

Health and Safety Plan
Eastmont 76 Station
Oakland, California 94605

3. Hazards Identification

Health Hazard Data:

1. The major effect of exposure to this product is central nervous system depression and polyneuropathy.
2. Studies have shown that repeated exposure of laboratory animals to high concentrations of whole gasoline vapors at 67,262 and 2056 ppm has caused kidney damage and cancer of the kidney in rats and liver cancer in mice.
3. LARC has listed gasoline as possibly carcinogenic (2B) to humans with limited evidence in humans in the absence of sufficient evidence in experimental animals. NIOSH lists gasoline as a carcinogen with no further classification.
4. N-heptane and cyclohexane cause narcosis and irritation of eyes and mucous membranes. Cyclohexane has been reported to cause liver and kidney changes in rabbits. N-heptane has been reported to cause polyneuritis following prolonged exposure.
5. ACGIH lists benzene a human carcinogen with an assigned TLV of 0.5 ppm 8 hour TWA and a STEL of 2.5 ppm; IARC, NTP & OSHA show sufficient evidence for classifying Benzene as a human carcinogen, see 29 CFR 1910.1028 for current PEL of 1 ppm and specific actions to take. Studies have shown that benzene can induce leukemia at concentrations as low as 1 ppm. Significant elevations of chromosomal aberrations have been corroborated among workers exposed to levels at mean concentrations less than 10 ppm. Based on risk assessment studies by Rinsky, an individual inhaling 1 ppm of benzene for 40 years, the odds of benzene-induced leukemic death were 1.7 times higher than those of unexposed workers.
6. MTBE is a mild irritant to the eye with an LC50 of 85 mg/m3 on 4 hr. exposure and an LD50 ~4 ml/Kg (RATS). An increase in anesthesia with increasing concentration (250,500 & 1000 ppm) was observed during a 90 day Test exposure. ACGIH has listed MTBE as an animal carcinogen (A3) based on tests in experimental animals at relatively high dose levels, by routes of administration, at sites, of histologic types, or by mechanisms not considered relevant to worker exposure. Available evidence suggests that MTBE is not likely to cause cancer in humans except under uncommon or unlikely routes of levels of exposure.
7. Trimethylbenzene (pseudocumene (1,2,4,) & mesitylene (1,2,5,)) has a PEL and TLV of 25 ppm 8 hr. TWA; the isomers may cause nervousness, tension, and anxiety and asthmatic bronchitis.
8. n-Hexane has been shown to cause polyneuropathy (peripheral nerve damage) after repeated and prolonged exposure, other hexanes show narcotic effects at 1000 ppm and are not metabolized like n-hexane.
9. Toluene can cause impairment of coordination and momentary loss of memory (200-500 ppm); Palpations, extreme weakness and pronounced loss of coordination (500-1500). The 100 ppm 8 hr. TWA and the 150 ppm STEL provides adequate protection.
10. The toxicological effects of ETBE and TAME have not been thoroughly investigated. ETBE and TAME are expected to be an inhalation hazard and a severe eye and moderate skin irritant.

Synonyms/Common Names: This Material Safety Data Sheet applies to the following product descriptions for Hazard Communication purposes only. Technical specifications vary greatly depending on the product, and are not reflected in this document. Consult specification sheets for technical information.

Unleaded Gasoline Blendstocks/Subgrades- all types, grades, octanes, and vapor pressures.

California Air Resources Board (Carb) Gasoline- all grades, octanes, vapor pressures, and oxygenate blends.

Reformulated Gasoline (RFG)-all grades, octanes, vapor pressures, and oxygenate blends.

California Reformulated Gasoline (CARFG)-all grades, octanes, vapor pressures, and oxygenate blends.

Conventional Gasoline-all grades, octanes, vapor pressures, and oxygenate blends.

2. Composition, Information On Ingredients

Product Use: This product is intended for use as a fuel in engines or for use in engineered processes. Use in other applications may result in higher exposures and require additional controls, such as local exhaust ventilation and personal protective equipment.

Description: Reformulated gasoline is a complex mixture of hydrocarbons from a variety of chemical processes blended to meet standardized product specifications. Composition varies greatly and includes C7 to C7 hydrocarbons with a boiling range of about 80-473 degrees F. The following is a non-exhaustive list of common components, typical percentage ranges in product, and occupational exposure limits for each. Functional and performance additives may also be present at concentrations below reporting thresholds.

Component or Material Name	%	CAS Number	ACGIH Limits TLV – STEL – Units	OSHA Exposure Limits PEL – STEL – C/P – Units
Gasoline	90-100	Mixture	300–500–ppm	NA–NA–NA – —
Butane	<9	106-97-8	800–NA–ppm	NA–NA–NA – —
Pentane	<6	109-66-0	600–750–ppm	1000–NA–NA–ppm
n-Hexane	<4	110-54-3	50–NA–ppm	500–NA–NA–ppm
Hexan (other isomers)	<8	NA	500–1,000–ppm	NA–NA–NA – —
Benzene	1.2 - 4.9	7-4-2	0.5–2.5–ppm	1–5–NA–ppm
N-heptane	<2	14-82-5	400–500–ppm	500–NA–NA–ppm
Ethylbenzene	<2	100-41-4	100–125–ppm	100–NA–NA–ppm
Xylene (o,m,p - isomers)	<11	1330-20-7	100–150–ppm	100–NA–NA–ppm
Cyclohexane	<2	110-82-7	300–NA–ppm	300–NA–NA–ppm
Trimethylbenzene	<4	25551-13-7	25–NA–ppm	NA–NA–NA – —
Methyl-t-butyl ether (MTBE)	0-15	1634-04-4	40–NA–ppm	NA–NA–NA – —
Toluene	<12	108-88-3	50–NA–ppm	200-300/500-NA-ppm
Ethyl-t-butyl ether (ETBE)	0-7	837-92-3	N/A-NA-ppm	NA-NA-NA – —
t-amyly-methyl-ether	0-5	894-05-8	N/A-NA-ppm	NA-NA-NA – —
Ethanol	0-11	64-17-5	1,000-NA-ppm	1,000-NA-NA-ppm

C=Ceiling concentration not to be exceeded at any time. P= Peak concentration for a single 10 minute exposure per day.

Less than or equal to 1,000 gallons - Center of the UST

Greater than 1,000 gallons and less than or equal to 10,000 gallons - 1/3 of the way in from each end of the UST

Greater than 10,000 gallons - At the center and 1/4 of the way in from each end of the UST

Soil samples collected beneath the USTs will be collected from the bucket of a backhoe or excavator following UST removal. A brass or stainless steel sleeve is inserted into the soil that is retained between the teeth of the bucket. After retrieval the sleeve is removed and immediately sealed for laboratory analysis by covering both ends with teflon sheeting, plastic caps and securing the caps with tape. The collected sleeve is labeled and placed in an ice chest for cold storage pending transportation to a state certified laboratory. This packaging protocol is designed to prevent loss of volatiles from the soil sample, and to prevent any cross contamination. Standard chain-of-custody procedures are followed for all samples.

Fuel Dispensers and Associated Product Conveyance Piping

Soil samples will be collected below each fuel dispenser, below associated product conveyance piping that extends from each UST, and at every twenty (20) linear feet of associated product conveyance piping. All soil samples will be collected at approximately 2 feet below each location.

Soil sample collection beneath the fuel dispenser and associated product conveyance piping will either use a backhoe, excavator, and/or hand auger equipped with extension rods. If a backhoe or excavator is used, soil sample collection will be conducted as described above. If a hand auger with extension rod is used, a boring will be advanced using the hand auger. A pilot assembly consisting of a coring barrel is attached to the drill rod and a "tee" handle to the end of the rod. This assembly is turned by hand and when the 3-inch dia. by 6-inch long core barrel is filled with soil, the assembly is removed from the resulting bore hole.

When the desired sample depth is reached, the core barrel is removed from the boring and a drive tube sampler is attached to the auger rod. The drive tube sampler is equipped with a single 2"X6" brass or stainless steel sleeve. The tee handle is replaced with a slide hammer and a soil sample is collected by manually driving the sampler into the soil at the desired depth. If a sample cannot be obtained using the drive tube sampler, the filled core barrel

will be removed from the boring and a single sleeve inserted directly in the soil retained. This method allows for collection of a relatively undisturbed soil sample and minimizing the introduction of overburden soil.

After retrieval the sleeve is removed and immediately sealed for laboratory analysis by covering both ends with Teflon® sheeting, plastic caps and securing the caps with tape. The collected sleeve is labeled and placed in an ice chest for cold storage pending transportation to a state certified laboratory. This packaging protocol is designed to prevent loss of volatile compounds from the soil sample, and to prevent any cross contamination. Standard chain-of-custody procedures are followed for all samples.

To prevent any cross contamination between borings and samples, the equipment is cleaned using a three (3) step process commonly referred to as a "three bucket wash". This consists of first an Alconox® or equivalent wash followed by two (2) consecutive tap water rinses. This process is completed between each sample run and boring.

Soil Stockpiles

One (1) soil sample will be collected per 50 cubic yards of soil stockpile. The soil sample will be collected by inserting a single sleeve into the soil. The sleeve is generally brass or stainless steel. This method allows for collection of a relatively undisturbed soil sample and minimizing the introduction of overburden soil. After retrieval the sleeve is removed and immediately sealed for laboratory analysis by covering both ends with teflon sheeting, plastic caps and securing the caps with tape. The collected sleeve is labeled and placed in an ice chest for cold storage pending transportation to a state certified laboratory. This packaging protocol is designed to prevent loss of volatile compounds from the soil sample, and to prevent any cross contamination. Standard chain-of-custody procedures are followed for all samples.

Groundwater Collection

If groundwater is encountered during soil sample collection activities, a grab groundwater sample will be collected using a laboratory supplied vial. The vial is completely filled, the cap is immediately placed over the top and securely tightened. The vial is inverted and tapped to determine if air bubbles are present. If no air bubbles are visible, the sample is labeled, and placed on ice in an ice chest until delivery to the laboratory. Standard chain-of-custody procedures are followed for all samples.

CAS#- American Chemical Societies Chemical Abstract service registry number which identifies the product and/or ingredients.

Ceiling- The concentration that should not be exceeded during any part of the working exposure

Chronic Hazard- An adverse health effect which generally occurs as a result of long term exposure or short term exposure with delayed health effects and is of long duration

Fire Hazard- A material that poses a physical hazard by being flammable, combustible, pyrophoric or an oxidizer as defined by 29 CFR 1910.1200

Hazard Class- DOT hazard classification

IDLH- Immediately Dangerous to Life and Health, the airborne concentration below which a person can escape without respiratory protection and exposure up to 30 minutes, and not suffer debilitation or irreversible health effects. Established by NIOSH.

mg/m³- Milligrams of contaminant per cubic meter of air, a mass to volume ratio

N/A- Not available or no relevant information found

NA- Not applicable

PEL- OSHA permissible exposure limit; an action level of one half this value may be applicable

ppm- Part per million (one volume of vapor or gas in one million volumes of air)

Pressure Hazard- A material that poses a physical hazard due to the potential to become unstable reactive, water reactive or that is an organic peroxide as defined by 29 CFR 1910.1200

STEL- The ACGIH short-term exposure limit, a 15-minute time-weighted average exposure which should not be exceeded at any time during a workday, even if the 8-hour TWA is less than the TLV

8-hour TWA- The time weighted average concentration for a normal 8-hour workday and a 40-hour workweek, to which nearly all workers may be repeatedly exposed, day after day, without adverse effect.

W- Do Not Add Water- water reactive materials may produce toxic gas, extreme heat, or chemical reaction on contact with water

GASOLINE

1. Chemical Product

MSDS Number: U4080

MSDS Date: 01-1-99

Product Name: Gasoline

Chemical Name: Gasoline

Cas Number: 8006-61-9

16. Other Information

NFPA (National Fire Protection Association) Hazard Ratings Codes*

Fire	Health	Reactivity	Other
2	1	0	Blank

*Based on Standard System for the Identification of the Fire Hazards of Materials, NFPA No. 704 M

This material safety data sheet was prepared by T. W. Brown Oil Co., Inc. in accordance with 29 CFR 1910.1200. All information, recommendations and suggestions appearing herein concerning this product are based upon tests and data believed to be reliable, however, it is the user's responsibility to determine the safety, toxicity and suitability for his own use of the product described herein. Since the actual use by others is beyond our control, no guarantee expressed or implied is made by T. W. Brown Oil Co., Inc. as to the effects of such use, the results to be obtained or the safety and toxicity of the product nor does T. W. Brown Oil Co., Inc. assume any liability arising out of use by others of the product referred to herein. Nor is the information herein to be construed as absolutely complete since additional information may be necessary or desirable when particular or exceptional conditions or circumstances exist or because of applicable laws or government regulations.

Government Agencies and Private Associations

ACGIH- American Conference of Governmental Industrial Hygienists, (private association)

DOT- United States Department of Transportation

EPA- United States Environmental Protection Agency

IARC- International Agency for Research on Cancer, (private association)

NFPA- National Fire Protection Association, (private association)

MSHA- Mine Safety and Health Administration, U.S. Department of Labor

NIOSH- National Institute of Occupational Safety and Health, U.S. Department of Health and Human Services

NTP- National Toxicology Program, (private association)

OSHA- Occupational Safety and Health Administration, U.S. Department of Labor

Hazard and Exposure Information

Acute Hazard- An adverse health effect which occurs rapidly as a result of short term exposure.

Laboratory Analysis and Chain-of-Custody

Soil samples collected will be analyzed by a California state-certified laboratory for the presence of Total Petroleum Hydrocarbon as gasoline (TPHg) and BTEX including fuel oxygenates using LUFT GC/MS and EPA Method 8260B, respectively for USTs containing gasoline. For subject sites that maintain a UST containing diesel fuel, the soil sample will be analyzed for TPHd by EPA Method 8015M and BTEX by EPA Method 8260B. For a subject site that maintains a UST containing waste oil, the soil sample will be analyzed for TPHo by EPA Method 8015M. All soil samples will be analyzed for Title 22 Metals and Organic Lead by EPA Method 6010B and GC/PID, respectively. Groundwater samples will also be analyzed for the same constituents as soil. The method detection limit and practical quantification limit for each constituent are included in **Appendix B**.

As previously mentioned, all samples collected will be labeled with a unique sample identification number, name of collector, time and date of collection, and requested analyses. This information will be transferred to a standard chain-of-custody form, to track the sample handling until delivery to the analytical laboratory. The sample will be placed on ice, in an ice chest, pending delivery to the laboratory at the end of the field day.

The laboratory QA/QC procedures are not discussed in this report. However, a state-certified laboratory will be used for chemical analysis. State-certified laboratories are required to perform and maintain records of all QA/QC.

Closing

This soil sampling plan has been prepared by ATLAS at the request of FR Construction. Submission of this report to the appropriate regulatory agencies is recommended and is considered the responsibility of FR Construction. If you have any questions or require additional information in regards to this plan, please contact the undersigned at (714) 890-7129.

Sincerely,
ATLAS ENVIRONMENTAL ENGINEERING, INC.



Jasmine Senn
Project Scientist

cc: Mr. Frank Lopez, FR Construction (w/1 enclosure)

Attachment:

- Figure 1 - Site Plan - Major Site Features
- Appendix A - Site Specific Health and Safety Plan
- Appendix B - Method Detection Limits and Practical Quantification Limit (Torrent Laboratory)



Karl H. Kerner, P.E.
Project Manager/Senior Engineer

13. Disposal Considerations

Shipment, storage, disposal, and cleanup actions of waste materials are regulated under local, state and federal rules. Contact the appropriate agencies if uncertain of applicability. Waste product and contaminated material having a flash point below 140 degrees F is considered a hazardous waste. DOT Hazardous Waste Number D001 applies. Consult 40 CFR 262 for EPA disposal requirements.

14. Transport Information

DOT Proper Shipping Name	Combustible Liquid, n.o.s	Diesel Fuel
DOT Hazard Class*	Combustible Liquid	3*
DOT Packing Group (PG)	III	III
I.D. Number	UN 1993	NA 1993
Required Labeling	None	Flammable Liquid

* Since this product has a flash point >100 degrees F and no other hazard class applies, it may be reclassified as Combustible Liquid and NA 1993 substituted for the product specific I.D.

Number above. Consult 49 CFR 173.120 for specific details.

15. Regulatory Information

TSCA (Toxic Substance Control Act) Inventory

Gasoline is listed in the TSCA inventory.

SARA (Superfund Amendments and Reauthorization Act) TITLE III

This product is reportable under SARA Title III, Sections 311 & 312 as a hazardous substance.

Hazard Categories Applicable under 40 DFR 370.2 (SARA Section 311):

Acute Health	Chronic Health	Pressure	Fire	Reactive
Yes	Yes	No	Yes	No

Components Listed under 40 CFR 372.65 (SARA Section 313):

This product does not contain chemicals identified as toxic by EPA under CFR part 372 and is not subject to the reporting requirements of this section.

State Regulations:

California Proposition 65: This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

Health and Safety Plan
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Spontaneous combustion or fire may result from contaminated materials being placed together before drying.

Exposure Monitoring

Biological: No applicable procedure, breath analysis for hydrocarbons has been suggested.

Personal/Area: Based on similarity to kerosene, both active and passive monitors employing charcoal adsorption follow by gas chromatography. An average molecular weight of 170 has been suggested as the average value to convert the determined weight of hydrocarbons to ppm. Direct reading colorimetric tubes are available to evaluate short term exposure.

9. Physical and Chemical Properties

Appearance and Odor: Colorless to straw, or red oily liquid with characteristic kerosene-like odor.

Viscosity: Specification dependent, 1.7 - 3.4 cSt @ 140 degrees F

Boiling Range @ 760 mm Hg: 302-644 degrees F

Vapor Density (Air=1): 4.5 (kerosene)

Evaporation Rate (BuAc=1): N/A

Specific Gravity (H₂O=1): 0.865

Bulk Density At 60 degrees F: 6.8-7.2 lbs./gal.

Solubility in H₂O % by WT: Insoluble

Freezing Point: -51 degrees F

Vapor Pressure: 0.5 mmHg @ 20 degrees C

% Volatiles By Vol.: N/A

API Gravity: Specification dependent

pH: NA

10. Stability and Reactivity Information

Conditions Contributing to Instability: Under normal conditions, the material is stable. Avoid sources of ignition such as flames, hot surfaces, sparks, and electrical equipment.

Incompatibility: Avoid contact with strong oxidizers such as chlorine, concentrated oxygen, and sodium hypochlorite or other hypochlorites.

Hazardous Decomposition Products: Thermal decomposition products may include carbon monoxide, carbon dioxide, oxides of sulfur and nitrogen, and other toxic gases

Hazardous Polymerization: Material is not known to polymerize.

11. Toxicological Information

For detailed information, contact MSDS Assistance at (210) 592-4593

12. Ecological Information

For detailed information, contact MSDS Assistance at (210) 592-4593

FIGURES

Health and Safety Plan
Eastmont 76 Station
Oakland, California 94605

Ingestion: Irritation of the mucous membranes of throat, esophagus and stomach which may result in nausea and vomiting; central nervous system depression may occur, if absorbed (see inhalation symptoms above). If aspirated, chemical pneumonitis may occur with potentially fatal results. Possible kidney and liver damage may be delayed. (See Notes to Physician in Section 5)

Carcinogenicity Statement: #2 Diesel is not listed as carcinogenic by NTP, OSHA, and ACGIH. IARC has listed kerosene and light catalytic cracked distillates as a probable human carcinogen. Light paraffinic hydrotreated petroleum distillates are listed as confirmed human carcinogens by IARC.

4. First Aid Measures

Eyes: Immediately flush eyes with large amount of water for at least 15 minutes holding lids apart to ensure flushing of the entire eye surface. **SEEK IMMEDIATE MEDICAL ATTENTION.**

Skin: Wash contaminated areas with plenty of soap and water. A soothing ointment may be applied to irritated skin after thoroughly cleansing. Remove contaminated clothing and footwear. **SEEK IMMEDIATE MEDICAL ATTENTION.**

Inhalation: Get person out of contaminated area to fresh air. If breathing has stopped resuscitate and administer oxygen if readily available. **SEEK MEDICAL ATTENTION IMMEDIATELY.**

INGESTION: Never give anything by mouth to an unconscious person. If swallowed, do not induce vomiting. If vomiting occurs spontaneously, keep airway clear. **SEEK MEDICAL ATTENTION IMMEDIATELY.**

Note to Physician: Do not induce vomiting, use gastric lavage only. Aspiration of liquid into the lungs could result in Chemical pneumonitis. Use of adrenaline is not advised. Treat symptomatically.

5. Fire and Explosion Data

Flash Point: 100 degrees F PM (minimum)
Autoignition Temperature: 494 degrees F
Flammable Limits in Air: UEL: 5% - LEL: 0.7%

Extinguishing Media: Use dry chemical, carbon dioxide, foam or water spray. Water may be ineffective in fighting fires of liquids with low flash points, but water should be used to keep fire exposed containers cool. If a leak or spill has not ignited, use water spray to disperse the vapors and to protect persons attempting to stop a leak.

Special Fire Fighting Procedures: Pressure-demand, self contained, breathing apparatus should be provided for fire fighters in buildings or confined areas where product is stored.

Unusual Fire And Explosion Hazard: Vapor accumulation is possible, and flashback can occur with explosive force if vapors are ignited.

APPENDIX A

**SITE SPECIFIC HEALTH AND SAFETY PLAN
Eastmont 76 Station
Oakland, California 94605**

May 5, 2014

Prepared for

**FR Construction
17125 Roseton Avenue
Artesia, California 90701**

*Health and Safety Plan
Eastmont 76 Station
Oakland, California 94605*

3. Hazards Identification

Health Hazard Data:

1. The major effect of exposure to this product is giddiness, headache, central nervous system depression; possible irritation of eyes, nose, and lungs; and dermal irritation. Signs of kidney and liver damage may be delayed. Pulmonary irritation secondary to exhalation to solvent.
2. NIOSH recommends that whole diesel engine exhaust be regarded as a potential occupational carcinogen. Follow OSHA and NSHA rules where diesel engine exhaust fumes may be generated.
3. A life time skin painting study by the American Petroleum Institute has shown that similar naphtha products with a boiling range of 350-700 degrees F usually produce skin tumors and/ or skin cancers in laboratory mice. Only a weak to moderate response occurred. The effect to humans has not been determined.
4. Positive results at 2.0 ml/kg and 6.0 ml/kg noted in mutagenesis studies via in-vivo bone marrow cytogenetics assay in rats.
5. Kerosene is classified as a severe skin irritant. Mutation data has been reported for kerosene products. Hydrotreated kerosene is listed as being probably carcinogenic to humans with limited evidence in humans and sufficient evidence in experimental animals.

Hazards of Combustion Products: Carbon monoxide and carbon dioxide can be found in the combustion products of this product and other forms of hydrocarbon combustion. Carbon monoxide in moderate concentrations can cause symptoms of headache, nausea, vomiting, increased cardiac output, and confusion. Exposure to higher concentrations of carbon monoxide can cause loss of consciousness, heart damage, brain damage, and/or death. Exposure to high concentrations of carbon dioxide can cause simple asphyxiation by displacing available oxygen. Combustion of this and other similar materials should only be carried out in well ventilated areas.

Medical Condition Generally Aggravated By Exposure: Medical conditions which have the same symptoms and effects as those outlined under the health hazard information section can be aggravated by exposure to this product.

Medical Limitation: N/A

Routes Of Exposure

Inhalation: Irritation of the upper respiratory tract and eyes, with possible euphoria, dizziness, headache, discoordination, ringing in the ears, convulsions, coma, and respiratory arrest.

Skin Contact: Defatting of the skin may occur with continued and prolonged contact. Irritation and burning sensation may occur on exposure to the liquid or mists.

Skin Absorption: Not significant.

Eye Contact: Severe burning sensation with temporary irritation and swelling of lids.

DIESEL FUEL

1. Chemical Product

MSDS Number: U7770

MSDS Date: 01-31-99

Product Name: #2 Diesel Fuel

Chemical Name: #2 Diesel Fuel Case Number: 68476-34-6

Synonyms/Common Names: This Material Safety Data Sheet applies to the following product descriptions for Hazard Communication purposes only. Technical specifications vary greatly depending on the product, and are not reflected in this document. Consult specification sheets for technical information.

California Air Resources Board (Carb) Diesel Fuel- On-road, Off-Road, Tax Exempt blends

Premium Diesel Fuel- Low-Sulfur, High-sulfur, On-Road, Off-Road, Tax Exempt blends

#2 Distillate- Low-Sulfur, High-sulfur, On-Road, Off-Road, Tax Exempt blends

#2 Diesel Fuel- Low-Sulfur, High-sulfur, On-Road, Off-Road, Tax Exempt blends

#2 Fuel Oil- Low-Sulfur, High-sulfur, On-Road, Off-Road, Tax Exempt blends

2. Composition, Information On Ingredients

Product Use: This product is intended for use as a fuel in engines and heaters designed for diesel fuels, and for use in engineered processes. Use in other applications may result in higher exposures and require additional controls, such as local exhaust ventilation and personal protective equipment.

Description: #2 Diesel is a complex mixture of hydrocarbons from a variety of chemical processes blended to meet standardized product specifications. Composition varies greatly and includes C9 to C20 hydrocarbons with a boiling range of about 325-675 degrees F. The following is a non-exhaustive list of common components, typical percentage ranges in product, and occupational exposure limits for each.

Component or Material Name	%	CAS Number	ACGIH Limits TLV – STEL – Units	OSHA Exposure Limits PEL – STEL – C/P – Units
Cat cracked distillate, light	0-100	64741-59-9	100 – NA – mg/m3	N/A – N/A – N/A – N/A
Hydrotreated distillate, middle	0-100	64742-46-7	100 – NA – mg/m3	N/A – N/A – N/A – N/A
Hydrotreated distillate, light	0-100	64742-47-8	100 – NA – mg/m3	N/A – N/A – N/A – N/A
Gas oil, light	0-100	64741-44-2	100 – NA – mg/m3	N/A – N/A – N/A – N/A

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Health and Safety Plan
 Eastmont 76 Station
 Oakland, California 94605


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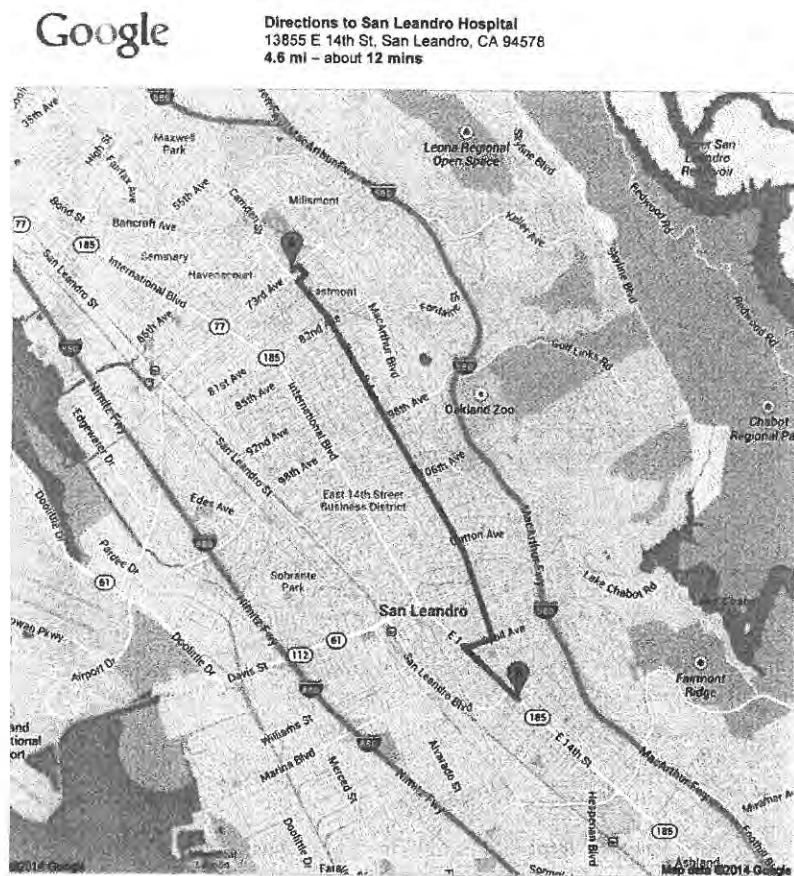
ATTACHMENTS

- Site Contact List
- Hospital Route
- Results of Vapor Monitoring Form
- Accident/Incident/Near Miss Report and SSP Amendment Sheets
- Table of Warning Concentrations and Health Effects
- Material Safety Data Sheets: Gasoline and Diesel Fuel

 7210 Bancroft Ave, Oakland, CA 94605

1. Head northwest on Bancroft Ave toward 73rd Ave go 7 ft
total 7 ft
-  2. Turn right onto 73rd Ave go 351 ft
total 358 ft
-  3. Take the 1st right onto Garfield Ave go 0.1 mi
total 0.2 mi
-  4. Take the 2nd right onto 75th Ave go 463 ft
total 0.3 mi
-  5. Turn left onto Bancroft Ave
About 8 mins go 3.4 mi
total 3.7 mi
-  6. Turn right onto Sybil Ave go 0.2 mi
total 3.9 mi
-  7. Turn left onto E 14th St
About 2 mins go 0.5 mi
total 4.5 mi
-  8. Turn right to stay on E 14th St
Destination will be on the right go 367 ft
total 4.6 mi

 **San Leandro Hospital**
13855 E 14th St, San Leandro, CA 94578



Health and Safety Plan
 Eastmont 76 Station
 Oakland, California 94605

1.0 EMERGENCY RESPONSE

In the event of an accident or emergency situation, immediate action must be taken by the first person to recognize the event. First aid equipment is located on site inside the Atlas Environmental Engineering, Inc. (ATLAS) vehicle or at the subject site. Notify 1) the Facility Manager, 2) the Project Manager and 3) Safety Manager about the situation immediately after emergency procedures are implemented.

1.1 Emergency Telephone Numbers:

All emergencies : Dial 911

A more complete list of contact telephone numbers is included in the **Attachments**.

1.2 Encountering Hazardous Situations

In the event of an emergency, i.e. fires, explosions or any unplanned sudden or non-sudden release of hazardous waste (solid, liquid or vapor) at the facility and with the lack of a facility wide alarm, the person that observes the condition shall give an emergency alarm and immediately contact the Facility Manager while proceeding to evacuate to designated areas in the facility. The site must not be re-entered until the representative gives the all clear.

1.3 Usual Procedures for Injury

1. Telephone for ambulance/medical assistance, if needed. Whenever possible, notify the receiving hospital of the nature of physical injury or chemical overexposure. If no phone is available, transport the person to the nearest hospital. Directions to the nearest hospital are included in the **Attachments**.
2. Send/take all available MSDS sheets (attachment to this Plan) to medical facility with injured person.
3. If the injury is minor, proceed to administer first aid and notify Facility Manager.
4. Notify Owner, the Project Manager and Health and Safety Manger of all accidents, incidents and near miss situations.
5. Complete Accident/Incident/Near Miss Form found in the **Attachments**.

1.4 Emergency Treatment

When transporting an injured person to a hospital, bring the SSHP to assist medical personnel with diagnosis and treatment. In all cases of chemical overexposure, follow standard procedures as outlined below for poison management, first aid, and, if applicable, cardiopulmonary resuscitation. Four different routes of exposure and their respective first aid/poison management procedures are outlined below:

- 1.4.1 Ingestion:
DO NOT INDUCE VOMITING. Transport person to nearest hospital immediately.
- 1.4.2 Inhalation/Confined Space:
Do NOT enter a confined space to rescue someone who has been overcome unless properly equipped with a self-contained breathing apparatus, and have one standby person with life line and one observing.
- 1.4.3 Inhalation/Other:
Move the person from the contaminated environment and initiate CPR if needed. Call or have someone call for medical assistance. If needed transport victim to the nearest hospital as soon as possible.
- 1.4.4 Skin Contact/Non-Caustic (Petroleum, Gasoline, Diesel, etc.):
Wash off skin with a large amount of water. Remove any contaminated clothing and rewash skin using soap, as needed. Transport to a medical facility as required.
- 1.4.5 Skin Contact/Corrosive (Acids, Hydrogen Peroxide):
Wash off skin with a large amount of water immediately. Remove any contaminated clothing and rewash skin. Transport to a medical facility as required.
- 1.4.6 Eyes:
Hold eyelids open and rinse the eyes immediately with large amounts of water for 15 minutes. If possible, have the person remove his contact lenses (if worn). Never permit eyes to be rubbed. Transport person to a medical facility as soon as possible.

2.0 INFORMATIONAL SUMMARY

2.1 Health and Safety Summary

Typical Chemicals of Concern: Benzene, Toluene, Ethylbenzene and Xylene Isomers.

The presence of the chemicals in soil/groundwater is supplied by Owner.

Hazard Determination: Serious ___ Moderate ___ Low X

Minimum Level of Protection: Modified Level D.

SITE CONTACT LIST

EASTMONT 76 STATION
7210 Bancroft Avenue
Oakland, California 94605

Emergency Telephone Numbers:

Local Police, Fire or Ambulance:	Dial 911
Underground Service Alert (USA):	800.227.2600
Nearest Hospital:	San Leandro Hospital 13855 E. 14th Street San Leandro, CA 94578
Hospital Telephone:	510.357.6500
Poison Control Center:	800.876.4766
Emergency Environmental:	911
FR Construction:	Mr. Frank Lopez 1.760.594.7828
National Response Center:	800.424.8802
Regional EPA Office:	415.744.2000
Certified Industrial Hygienist	Monica Oscarson, MPH, CIH 909.678.6166

The SSHP describes the procedures to be followed in order to reduce employee exposure to potential health hazards which may be present at the site. The emergency response procedures have also been addressed.

3.3 Objective

The primary objective is to ensure the well being of all field personnel and the community surrounding the work environment. In order to accomplish this, project staff must acknowledge and adhere to the information presented in this SSHP. An acknowledgement form is included in the Attachments.

3.4 Amendments

Any changes in the scope of work of the project and/or site conditions must be amended in writing on the attached SSHP Amendment Sheet.

4.0 HAZARD EVALUATION

4.1 Site Conditions

General Site conditions at the Facility may include significant truck traffic, earth moving equipment, cranes, underground utilities, overhead power lines and misc. stored machinery. All these will affect the various tasks.

4.2 Site Tasks

The field tasks at the site may include:

- Installation of temporary fencing,
- Excavation/trenching for redevelopment and/or remediation system installation,
- Working in trenches with piping and manways,
- Heavy trucking,
- Subsurface exploration equipment,
- Soil vapor and groundwater sampling, and
- Operations and maintenance of on-site equipment.

4.3.1 Chemical Hazard Analysis

Gasoline and diesel fuel and soils containing their constituents can present health hazards to on-site workers, if not handled properly. Chemicals can enter into the body by the following routes: inhalation, ingestion, and skin absorption. Personal protective equipment (PPE) is required to prevent exposure to the hazardous constituents of gasoline and diesel fuel and soils containing their constituents. Regulatory and recommended exposure limits are provided by OSHA and ACGIH for many of the constituents of gasoline and diesel fuels (see attached MSDS). OSHA's Permissible Exposure Limits (PELs) are time weighted average (TWA)

Accident/Incident/Near Miss Report

Employee Name: _____ D.O.B _____

Address: _____ D.O.H _____

_____ SS# _____

Office Location: _____

Location at Time of Incident: _____

Date/Time of Incident: _____

Description: Describe clearly how the accident occurred: _____

Was Incident: Physical _____ Chemical _____

Part(s) of body affected: _____

Exposure: _____

Witnesses: 1) _____ 2) _____

Conditions/acts contributing to this incident: _____

Explain specifically the corrective action you have taken to prevent a recurrence: _____

Did the injured go to a hospital? _____ Where? _____

Signatures:

Employee/Date: _____ Project Manager/Date: _____

Site Safety Plan Amendment Sheet

Project Name: _____

Project Number: _____

Location: _____

Changes in field activities or hazards:

Proposed Amendment:

Proposed by: _____ Date: _____

Approved by: _____ Date: _____

Declined by: _____ Date: _____

Amendment Number: _____

Effective Date: _____

concentrations of a chemical that must not be exceeded during any 8 hour work shift of a 40-hour workweek. Since it is impractical to monitor and assess exposure to specific constituents during the on-site work, ATLAS has determined that any exposure to hydrocarbons, as recorded by the PID calibrated to isobutylene, at the breathing zone of the worker at or above 100 parts per million (ppm) requires the use of an Organic Vapor (OV) Air Purifying Respirator (APR). A full face respirator is required when the possibility of liquid splash or vapor mist is present in the work area. Gloves are mandatory to prevent skin absorption of chemicals into the body.

Chemical/Toxicological Assessment

Exposure to chemical constituents of gasoline and/or diesel fuel can result in acute (sudden) health effects, such as dizziness and nausea. Exposures to some chemical constituents can result in carcinogenic (e.g. benzene), mutagenic and/or other chronic health effects including kidney or liver damage. Methyl T-Butyl Ether (MTBE) is a chemical constituent of gasoline (oxygenated fuel) that the American Conference of Governmental Industrial Hygienists (ACGIH) and other safety professionals recognize as a health hazard and has now been assigned a Threshold Limit Value (TLV) (see attached MSDS).

Exposure times and routes of entry into the body will determine if a worker's exposure to gasoline and diesel fuels result in adverse health effects (see attached MSDSs). ATLAS employees should follow all the requirements of this plan in order to prevent acute and chronic health effects resulting from exposure to gasoline and diesel fuel and their constituents.

NOTE: Chemical hazards of Gasoline and Diesel Fuels are described in detail in the Material Safety Data Sheets (MSDS). Take the time to read and understand the MSDS. If necessary, ask the Certified Industrial Hygienist (CIH) or Site Safety Officer (SSO) for help in understanding these technical documents.

See Section 7.0 HEALTH HAZARDS for additional information on chemical hazards. The following section describes specific actions to follow for all site hazards including chemical hazards.

4.3.2 All Field Tasks

The following hazards may be encountered.

Slippery Surfaces

All employees must observe the work space prior to entry to determine if potential slippery surfaces exist. Skid proof soles are recommended.

Organic Vapors

The inhalation of volatile organic and purgeable organic vapors during all operations can pose a potential health hazard. Hazard reduction procedures include monitoring the ambient air with a PID and/or FID and use of Personal Protective Equipment indicated on **Table 2**. Workers should stand upwind of the source of contamination whenever possible. If ambient air levels in the breathing zone exceed 100 ppm, half or full face respirators equipped with organic vapor cartridges must be worn. If, during remediation, ambient air levels around the perimeter of the designated work area (hot zone) exceed 50 ppm then STOP WORK and assess cause of vapor release. Remove all persons from perimeter area that are not 40-hr. HAZWOPER and respirator trained and fit tested. Public areas should not be exposed to greater than 50 ppm during remediation activities.

Flammable Vapors

Presence of Flammable vapors can pose a potential fire hazard and health hazard. Hazard reduction procedures include monitoring the ambient air with an LEL meter (in the berm areas). If the LEL reading exceeds 20%, leave the site immediately and contact Facility Manager.

Oxygen

Atmospheres that contain a level of oxygen greater than 23% pose an extreme fire hazard (the usual ambient oxygen level is approximately 20.5%). All personnel encountering atmospheres that contain a level of Oxygen greater than 23% must evacuate the site immediately and must notify the Fire Department.

If Oxygen Level is less than 19.5%, do not enter the area/space (especially confined space).

Noise

ATLAS personnel must wear ANSI approved hearing protection during noisy operations at the site.

Surface and Equipment Contamination

Contact with contaminated surfaces, or surfaces suspected of being contaminated should be avoided. This includes walking through, kneeling or placing equipment in puddles, mud, discolored surfaces, or on drums and other containers. Eating, smoking, drinking and/or the application of cosmetics is prohibited on this site in the immediate work area. This reduces the potential for contaminant ingestion.

Exposure to Sun/Heat

Sunburn: Working outdoors on sunny days for extended periods of time can cause sunburn to the skin. Excessive exposure to sunlight is associated with the development of skin cancer. Staff should wear appropriate skin covering during field activities.

10.0 AGREEMENT AND ACKNOWLEDGMENT STATEMENT

Site Safety Plan Agreement

All ATLAS project personnel and subcontractor personnel are required to sign the following agreement prior to conducting the work at this site.

1. I have read and fully understand the Site Safety Plan and my individual responsibilities.
2. I agree to abide by the provisions of the Site Safety Plan.

Name Signature

Name Signature

Name Signature

Name Signature

Name Signature

Name Signature

Name Signature

Name Signature

No open flame or spark is allowed in any area containing petroleum products, or other flammable liquids.

In the event free product is noted and vapors are above permissible limits, appropriate measures will be taken until vapor concentrations are within acceptable levels. All work will stop until safe conditions can be verified. As applicable for tank removal and/or installation, water/product from tank may be pumped out.

9.5 General Health

Medicine and alcohol can increase the effects of exposure to toxic chemicals. Unless specifically approved by a qualified physician, prescription drugs should not be taken by personnel assigned to operations where the potential for absorption, inhalation, or ingestion of toxic substances exists.

Drinking alcoholic beverages is prohibited. Drinking alcoholic beverages and driving is prohibited at any time.

Skin abrasions must be thoroughly protected to prevent chemicals from penetrating the abrasion.

It is recommended that contact lenses not be worn by persons working on the site.

Heat Stress: The potential for heat stress is a concern when field activities are performed on warm, sunny days, and is accentuated when chemical protective clothing is worn. Heat stress prevention measures and monitoring will be implemented if site temperatures are above 70 degrees Fahrenheit.

Precautions to prevent heat stress will include work/rest cycles so that rest periods are taken before excessive fatigue occurs, and regular intake of water to replace that lost from sweating. Work/rest cycles will be established based on the pulse of each individual worker. Breaks are long enough to reduce the pulse below levels calculated according to the following method:

The worker will initially determine their resting pulse or heart rate (HR) prior to starting work activities.

At the start of the first rest period, the worker will determine their HR. This initial HR should not exceed the individual's age-adjusted maximum HR, which equals $[(0.7)(220 - \text{age in years})]$. At 1 minute into the rest period, the recovery HR will be determined. The recovery HR should not exceed 110 beats per minute.

If the initial HR exceeds the age-adjusted maximum HR, or the 1-minute recovery HR is greater than 110 beats per minute, then the next work period will be decreased by 10 minutes.

Heat stress due to water loss can be prevented. To prevent dehydration, water intake must approximate sweat loss. Water intake guidelines are as follows:

The sense of thirst is not an adequate regulator of water replacement needs during heat exposure. Therefore, water must be replaced at prescribed intervals.

Before work begins, drink two 8 ounce glasses of water.

During each rest period, drink at least two 8 ounce glasses of water.

Plain water, served cool, is excellent. An adequate supply of potable water and drinking cups will be readily available, such as in a support vehicle, to provide water during rest periods.

Adding salt to water is not recommended. However, other fluids, in addition to water, could include dilute fruit juices and electrolyte replacement drinks diluted 3:1 with water. Do not use salt tablets!

An initial work/rest cycle of one hour of work and fifteen minutes of rest is recommended for protection of staff when the heat stress hazard is high. The

recommended cycle will be adjusted up or down based upon worker monitoring, environmental conditions, and the judgment of the site safety officer.

At any time field team members recognize the signs or symptoms of heat stress prior to a scheduled rest period, they will notify the SSO immediately in order that a rest period can be called.

Heat stress, if not prevented, results in heat stress illnesses. Two critical illnesses, if not recognized and treated immediately, can become life threatening. These are heat exhaustion and heat stroke. Heat exhaustion will result if the prevention measures described above are not implemented. Ignoring the signs and symptoms of heat exhaustion will lead to the development of heat stroke.

Heat stroke is an immediate, life-threatening condition that results because the body's heat regulation mechanisms shut down, and the body cannot cool itself sufficiently. As heat is excessively stored in the body, brain damage can result causing permanent disability or death.

Heat Exhaustion: The signs and symptoms of heat exhaustion are headache, dizziness, nausea, weakness, fainting, profuse sweating, loss of appetite, approximately normal body temperature, dilated pupils, weak and rapid pulse, shallow and rapid breathing, possible cramps in abdomen and extremities, difficulty walking, cool and sweaty skin to the touch, and pale to ashen gray coloring.

First aid for heat exhaustion is as follows:

Immediately remove victim to the support area, or if you are the victim, proceed to the support area.

Decontaminate, if practical, before entering support area.

Start cooling, but be careful not to cause a chill (i.e., rest in shade and apply wet towel to forehead; open up and/or remove clothing as much as practical, especially chemical resistant clothing.)

Drink cool water slowly, but only if conscious and not in shock.

If vomiting, and/or the signs and symptoms are not lessening within an hour, call for emergency help and/or transport the victim to emergency room.

It is likely that a heat exhaustion victim will be unable to work for the remainder of the day.

NOTE: The typical scope of work for consulting on this site does not include confined space entry. If the scope of project tasks change to include confined space entry, then this SSHP will be revised accordingly.

9.0 HEALTH AND SAFETY REQUIREMENTS

9.1 Training

All personnel working at the site should have completed a minimum of 40 hours of initial hazardous waste activity instruction as required by the OSHA Hazardous Waste Operation and Emergency Response (HAZWOPER) Standard (8 hour HAZWOPER Refresher courses are required on an annual basis), and a minimum of three days of field experience under the direct supervision of a trained, experienced person. Personnel assigned to the site will also receive a site safety briefing by Facility personnel (Health and Safety Officer). All ATLAS employees are trained in the proper use of respiratory protection and other Personal Protection Equipment (PPE) required in this Plan.

9.2 Work Zones Access

Access within a 5 foot radius of any on-site operation is prohibited to all but AUTHORIZED personnel.

9.3 Emergency Equipment

Vehicles used for site work will be equipped with a first aid kit and safety equipment including:

- florescent vests
- cones
- flags (as needed)
- barricades (as needed)
- fire extinguisher-dry chemical
- water, suitable for drinking
- appropriate emergency bandage material

9.4 Fire Prevention

During equipment operation, periodic vapor concentration measurements should be taken with a combustible gas meter. If at any time the vapor concentrations exceed 20% LEL, then the work should immediately stop.

Only approved fire safety cans will be used to transport and store flammable liquids.

All gasoline and diesel driven engines will be cooled down before refueling.

skin and eye contact leading to absorption. All these chemicals are known or suspected carcinogens making them chronic health risks.

The greatest potential for exposure exists during the excavation and removal of underground tanks when personnel could come in contact with vapors containing these constituents. Therefore, mitigation measures as discussed below in section 9.0 will be utilized.

8.0 GAS/VAPOR MONITORING PROCEDURES

The greatest potential hazards to safety and health at this site are:

1. Exposure to chemical vapors - through inhalation.
2. Exposure to chemical contamination - through skin contact and ingestion.
3. Personal injury - through equipment and truck or automobile traffic.
(as previously discussed)

Air monitoring during project tasks will provide data to ensure that vapor concentrations are within acceptable ranges and will provide adequate selection criteria for respiratory and dermal protection.

Air monitoring of the breathing zone around the borehole should be accomplished as soon as the ground is penetrated with the drilling apparatus. During groundwater purging events, the breathing zone should be monitored before and after equipment is placed down the well casing. In addition, the area around the temporary soil or purge water storage container (55 gallon drum) should be monitored during periodic filling events.

Perimeter monitoring is required in order to assess exposure to the public, if any. ATLAS will monitor the work area (hot zone) perimeter to ensure that vapor concentrations do not exceed 50 ppm outside of the barrier (caution tape, traffic cones or fence line).

8.1 Air Monitoring Equipment Calibration

Calibration of air monitoring equipment is essential to determine accurate employee exposure and perimeter concentrations of gasoline vapors. ATLAS requires all air monitoring equipment to be maintained according to the manufacturer's instructions. Photoionization detectors (PIDs) are calibrated to hexane gas. Four (4) gas meters shall be calibrated to oxygen (%), hexane (ppm), carbon monoxide (ppm) and hydrogen sulfide gas (ppm). Check battery charge level each time the meter is turned on. Field checks (not calibration) are necessary to determine that meters are responding properly. Use a felt tip marker to "check" response on meter. Oxygen should be reading 20.9% at sea level.

Maintain equipment in proper operating condition and report any malfunction to your Supervisor. STOP WORK if air monitoring instrumentation is not operating properly.

8.2 Tasks Performed Within a Confined Space

Heat Stroke (aka Sun Stroke): The signs and symptoms of heat stroke are hot, dry skin to the touch, reddish coloring; body temperature >105 F; no sweating; mental confusion; deep, rapid breathing that sounds like snoring progressing to shallow, weak breathing; headache; dizziness; nausea; vomiting; weakness; dry mouth; convulsions, muscular twitching, sudden collapse; possible unconsciousness.

First aid for heat stroke is as follows:

Immediately remove the victim to the support area; prior to entering the support area, remove and dispose the victim's chemical-resistant clothing.

Cool the victim rapidly using whatever means are available, including: shade, opening up and/or removing clothing, soaking clothing/skin with water and fanning, or placing victim in vehicle using air conditioning on maximum.

Do not give drinking water to victim.

Treat for shock, if needed.

Transport the victim to the emergency room or call for emergency help; no exceptions for heat stroke victim.

Falling Objects

Hard hats must be worn by all personnel whenever construction-type activity is taking place. (i.e., drilling excavation, trenching).

Vehicular Traffic

All ATLAS employees will be required to wear a florescent safety vest or brightly colored shirt at all times while on site. In addition, the work zone must be surrounded by caution tap and/or cones during drilling and sampling activities.

Free Hydrocarbons in Tank Pit or Groundwater Monitoring Wells

During tank removal and replacement activities or groundwater monitoring and sampling, free product may be present. In the event product is noted, vapor concentrations will be monitored. If vapor concentrations exceed the permissible levels, all work will stop and mitigation as discussed in section 9.0 will be accomplished.

4.3.3 Sample Preservation

When acid is used as a sample preservative, skin and eye contact can occur. This hazard can be reduced with the use of Nitrile butyl rubber or neoprene gloves and the use of safety goggles.

4.3.4 Cleaning Equipment

Skin and eye contact with methanol, Alconox, or other cleaning substances can occur while cleaning equipment. This hazard can be reduced by using Nitrile butyl rubber or neoprene gloves and safety goggles.

4.3.5 Confined Space

In areas that may lack adequate ventilation (i.e. berm storage areas), organic and/or combustible vapors may be trapped resulting in a lack of oxygen and/or overexposure to vapors. When site work takes place in a potentially confined space the air must be monitored for oxygen level, flammable and toxic vapors. Oxygen should not fall below 19.5%, LEL greater than 10% or PID reading greater than 100 ppm.

5.0 PERSONAL PROTECTIVE EQUIPMENT

Modified EPA Level D is the minimum acceptable PPE level for work at the site.

Modified EPA Level D includes:

- coveralls/work uniform
- steel toed boots, skid resistant
- Nitrile butyl rubber or neoprene gloves
- splash goggles/safety glasses if potential for splash
- hard hat
- florescent vest or bright shirt
- Tyvek suit (as appropriate)
- hearing protection (as appropriate)

EPA Level C includes:

- half or full face respirator NIOSH approved with organic vapor cartridges.
- Tyvek suits (if splash hazard use coated suit)
- Nitrile butyl rubber or neoprene gloves
- chemical resistant boots
- inner disposable gloves
- hard hat
- florescent vest
- hearing protection (as appropriate)

6.0 DECONTAMINATION PROCEDURES

All operations conducted at the site have the potential to contaminate monitoring equipment and personal protective equipment (PPE). To prevent the transfer of contamination to vehicles, administrative areas and personnel, the following procedures must be followed:

6.1 Equipment Decontamination

Whenever possible, monitoring equipment should be decontaminated with a solution of Alconox or phosphate-free detergent and thoroughly rinsed with water prior to leaving the site. This must be done outside a 5 foot radius of any work area.

6.2 Personal Decontamination

Level D

- segregated equipment drop
- wash/rinse outer boot (as appropriate)
- wash/rinse glove, then remove
- remove hard hat, goggles/safety glasses
- remove and throw out inner disposable gloves in designated lined receptacles (as appropriate)

Level C

- segregated equipment drop
- wash/rinse outer boots
- wash/rinse outer gloves, then remove
- remove outer boots and place to dry (if needed)
- remove chemical resistant suit (inside out, rolling down the body)
- remove first pair of disposable gloves
- remove respirator/hard hat/goggles and dispose of cartridges
- remove last pair of disposable gloves

7.0 CHEMICALS OF CONCERN

7.1 Health Effects

The primary health and safety hazard posed by this project is the potential of chemical contamination from skin absorption and/or inhalation of vapors that could potentially be released from the sludge or washwater, and direct contact or ingestion of sludge and/or washwater that could potentially contain hazardous constituents. The principle constituent of concern is benzene, which has been classified as a "potential occupational carcinogen". This contaminant can cause skin and eye irritation, as well as respiratory problems, fatigue, nausea, and abdominal pain. Target organs which may be affected are the central nervous system, respiratory system, eyes, blood, bone marrow and skin.

Other potential constituents of concern that may be present include Toluene, Xylene and Ethyl benzene. In addition to causing skin and eye irritation, these constituents can affect the central nervous system, cardiovascular system, respiratory system, kidneys, liver, and the stomach.

All of these chemicals are colorless liquids that can be detected by an aromatic odor; these compounds are generally heavier than water. All are flammable and react with strong oxidizers producing an irritating vapor. The routes of exposure for these chemicals include inhalation and

APPENDIX D



Alpha Scientific Corporation
Environmental Laboratories

08-01-2014

Mr. Karl Kerner
Atlas Environmental Engineering, Inc.
3185 Airway Avenue, Suite D-1
Costa Mesa, CA 92626

Project: Eastmont 76 Station
Project Site: 7210 Bancroft Ave., Oakland, CA 94605
Sample Date: 07-29-2014
Lab Job No.: R407088

Dear Mr. Kerner:

Enclosed please find the analytical report for the sample(s) received by Alpha Scientific Corporation on 07-29-2014 and analyzed by the following EPA methods:

TPH-Gasoline
EPA 8015M (Diesel)
EPA 8260B (BTEX, Ethanol & Oxygenates by GC/MS)

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

Alpha Scientific Corporation is a CA DHS certified laboratory (Certificate Number 2633). Thank you for giving us the opportunity to serve you. Please feel free to call me at (562) 809-8880 if our laboratory can be of further service to you.

Sincerely,

Roger Wang, Ph. D.
Laboratory Director

Enclosures

This cover letter is an integral part of this analytical report.



Alpha Scientific Corporation

Environmental Laboratories

Client: Atlas Environmental Engineering, Inc.
 Project: Eastmont 76 Station
 Project Site: 7210 Bancroft Ave., Oakland, CA 94605
 Matrix: Soil
 Batch No.: EMG30-GS1

Lab Job No.: R407088
 Date Sampled: 07-29-2014
 Date Received: 07-30-2014
 Date Analyzed: 07-30-2014
 Date Reported: 08-01-2014

TPH-Gasoline by LUFT GC/MS
 Reporting Unit: **mg/kg (ppm)**

Sample ID	Lab ID	Gasoline Range (C4-C12)*	MDL	PQL
Method Blank		ND	0.2	0.5
PL-1	R407088-1	ND	0.2	0.5
PL-2	R407088-2	ND	0.2	0.5
PL-3	R407088-3	ND	0.2	0.5
PL-4	R407088-4	ND	0.2	0.5
PL-5	R407088-5	ND	0.2	0.5
PL-6	R407088-6	ND	0.2	0.5
PL-7	R407088-7	ND	0.2	0.5
PL-8	R407088-8	ND	0.2	0.5
PL-9	R407088-9	ND	0.2	0.5
D1	R407088-10	ND	0.2	0.5
D2	R407088-11	520	0.2	0.5
D3	R407088-12	0.5	0.2	0.5
D4	R407088-13	ND	0.2	0.5
D6	R407088-14	ND	0.2	0.5
T1W	R407088-15	ND	0.2	0.5
T1E	R407088-16	ND	0.2	0.5
T2/3-C	R407088-17	6,790	0.2	0.5
T4W	R407088-18	2,860	0.2	0.5
T4E	R407088-19	ND	0.2	0.5

* Gasoline Range TPH result is obtained from purge and trap analysis;
 MDL: Method Detection Limit;
 PQL: Practical Quantitation Limit;
 ND: Not Detected (at the specified limit);
 J: Trace value.



Alpha Scientific Corporation

Environmental Laboratories

Client: Atlas Environmental Engineering, Inc. Lab Job No.: R407088
Project: Eastmont 76 Station
Project Site: 7210 Bancroft Ave., Oakland, CA 94605 Date Sampled: 07-29-2014
Matrix: Soil Date Received: 07-30-2014
Batch No.: BMG30-GS1 Date Analyzed: 07-30-2014
Date Reported: 07-31-2014

TPH-Gasoline by LUFT GC/MS

Reporting Unit: mg/kg (ppm)

Sample ID	Lab ID	Gasoline Range (C4-C12)*	MDL	PQL
Method Blank		ND	0.2	0.5
SP-1, SP-2 & SP-3	R407088-20,21&22	ND	0.2	0.5
SP-4, SP-5 & SP-6	R407088-23,24&25	ND	0.2	0.5
SP-7, SP-8 & SP-9	R407088-26,27&28	ND	0.2	0.5
SP-10 & SP-11	R407088-29&30	ND	0.2	0.5
SP-12, SP-13, SP-14 & SP-15	R407088-31,32,33&34	ND	0.2	0.5

* Gasoline Range TPH result is obtained from purge and trap analysis;
MDL: Method Detection Limit;
PQL: Practical Quantitation Limit;
ND: Not Detected (at the specified limit);
J: Trace value.



Alpha Scientific Corporation

Environmental Laboratories

Client: Atlas Environmental Engineering, Inc.
 Project: Eastmont 76 Station
 Project Site: 7210 Bancroft Ave., Oakland, CA 94605
 Matrix: Soil
 Prep. Method: 3550B with Silica Gel Clean-up
 Batch No. for TPH-d: BG30-DS1

Lab Job No.: R407088
 Date Sampled: 07-29-2014
 Date Received: 07-30-2014
 Date Prepared: 07-30-2014
 Date Analyzed: 07-30-2014
 Date Reported: 08-01-2014

EPA 8015M (Diesel Range TPH)
Reporting Unit: mg/kg (ppm)

Sample ID	Lab ID	Diesel Range TPH (C13-C23)*	MDL	PQL
Method Blank		ND	2	5
PL-1	R407088-1	ND	2	5
PL-2	R407088-2	ND	2	5
PL-3	R407088-3	ND	2	5
PL-4	R407088-4	ND	2	5
PL-5	R407088-5	ND	2	5
PL-6	R407088-6	ND	2	5
PL-7	R407088-7	ND	2	5
PL-8	R407088-8	ND	2	5
PL-9	R407088-9	ND	2	5
D1	R407088-10	ND	2	5
D2	R407088-11	6.9	2	5
D3	R407088-12	ND	2	5
D4	R407088-13	ND	2	5
D6	R407088-14	ND	2	5
T1W	R407088-15	ND	2	5
T1E	R407088-16	ND	2	5
T2/3-C	R407088-17	15.3	2	5
T4W	R407088-18	141	2	5
T4E	R407088-19	ND	2	5

* The full hydrocarbon range for diesel fuel is approximately C10 - C23. The amounts reported on this page are in carbon range C13- C23. The lighter portion (C10 - C12), which are also part of gasoline fuel, have been included in "Gasoline Range TPH" for this sample on a separate page.

MDL: Method Detection Limit;
 PQL: Practical Quantitation Limit.
 ND: Not Detected (at the specified limit);
 J: Trace value.



Alpha Scientific Corporation

Environmental Laboratories

Client:	Atlas Environmental Engineering, Inc.	Lab Job No.:	R407088
Project:	Eastmont 76 Station		
Project Site:	7210 Bancroft Ave., Oakland, CA 94605	Date Sampled:	07-29-2014
Matrix:	Soil	Date Received:	07-30-2014
Prep. Method:	3550B with Silica Gel Clean-up	Date Prepared:	07-30-2014
Batch No. for TPH-d:	BG30-DS1	Date Analyzed:	07-30-2014
		Date Reported:	07-31-2014

EPA 8015M (Diesel Range TPH) Reporting Unit: mg/kg (ppm)

Sample ID	Lab ID	Diesel Range TPH (C13-C23)*	MDL	PQL
Method Blank		ND	2	5
SP-1, SP-2 & SP-3	R407088-20,21&22	ND	2	5
SP-4, SP-5 & SP-6	R407088-23,24&25	ND	2	5
SP-7, SP-8 & SP-9	R407088-26,27&28	ND	2	5
SP-10 & SP-11	R407088-29&30	ND	2	5
SP-12, SP-13, SP-14 & SP-15	R407088-31,32,33&34	ND	2	5

* The full hydrocarbon range for diesel fuel is approximately C10 - C23. The amounts reported on this page are in carbon range C13- C23. The lighter portion (C10 - C12), which are also part of gasoline fuel, have been included in "Gasoline Range TPH" for this sample on a separate page.

MDL: Method Detection Limit;
PQL: Practical Quantitation Limit.
ND: Not Detected (at the specified limit);
J: Trace value.



Alpha Scientific Corporation

Environmental Laboratories

Client: Atlas Environmental Engineering, Inc.
 Project: Eastmont 76 Station
 Project Site: 7210 Bancroft Ave., Oakland, CA 94605
 Matrix: Soil
 Batch No.: 0730-VOES1

Lab Job No.: R407088
 Date Sampled: 07-29-2014
 Date Received: 07-30-2014
 Date Analyzed: 07-30-2014
 Date Reported: 08-01-2014

EPA 8260B (BTEX, Ethanol & Oxygenates by GC/MS)
Reporting Units: mg/kg (ppm)

Lab ID	Method Blank	R407088-1	R407088-2	R407088-3	R407088-4	R407088-5	MDL	PQL
Sample ID		PL-1	PL-2	PL-3	PL-4	PL-5		
DF	1	1	1	1	1	1		
Benzene	ND	ND	ND	ND	ND	ND	0.001	0.002
Toluene	ND	ND	ND	ND	ND	ND	0.001	0.002
Ethylbenzene	ND	ND	ND	ND	ND	ND	0.001	0.002
Total Xylenes	ND	ND	ND	ND	ND	ND	0.002	0.004
Ethanol	ND	ND	ND	ND	ND	ND	0.50	1.00
MTBE	ND	ND	0.841*	ND	0.167	0.049	0.002	0.005
ETBE	ND	ND	ND	ND	ND	ND	0.002	0.005
DIPE	ND	ND	ND	ND	ND	ND	0.002	0.005
TAME	ND	ND	ND	ND	ND	ND	0.002	0.005
TBA	ND	ND	ND	ND	ND	ND	0.020	0.050

Lab ID	Method Blank	R407088-6	R407088-7	R407088-8	R407088-9	R407088-10	MDL	PQL
Sample ID		PL-6	PL-7	PL-8	PL-9	D1		
DF	1	1	1	1	1	1		
Benzene	ND	ND	ND	ND	ND	ND	0.001	0.002
Toluene	ND	ND	ND	ND	ND	ND	0.001	0.002
Ethylbenzene	ND	ND	ND	ND	ND	ND	0.001	0.002
Total Xylenes	ND	ND	ND	ND	ND	ND	0.002	0.004
Ethanol	ND	ND	ND	ND	ND	ND	0.50	1.00
MTBE	ND	0.209	ND	0.011	0.003J	0.022	0.002	0.005
ETBE	ND	ND	ND	ND	ND	ND	0.002	0.005
DIPE	ND	ND	ND	ND	ND	ND	0.002	0.005
TAME	ND	ND	ND	ND	ND	ND	0.002	0.005
TBA	ND	ND	ND	ND	ND	ND	0.020	0.050

MDL=Method Detection Limit;
 DF=Dilution Factor.

* Obtained from a higher dilution analysis.

PQL=Practical Quantitation Limit.

ND=Not Detected (below DF × MDL);

J=Result is between DF × MDL and DF × PQL



Alpha Scientific Corporation

Environmental Laboratories

Client: Atlas Environmental Engineering, Inc.
 Project: Eastmont 76 Station
 Project Site: 7210 Bancroft Ave., Oakland, CA 94605
 Matrix: Soil
 Batch No.: 0730-VOES1

Lab Job No.: R407088
 Date Sampled: 07-29-2014
 Date Received: 07-30-2014
 Date Analyzed: 07-30-2014
 Date Reported: 08-01-2014

EPA 8260B (BTEX, Ethanol & Oxygenates by GC/MS)
Reporting Units: mg/kg (ppm)

Lab ID	Method	R407088-11	R407088-12	R407088-13	R407088-14	R407088-15	MDL	PQL
Sample ID	Blank	D2	D3	D4	D6	T1W		
DF	1	200	1	1	1	1		
Benzene	ND	ND	ND	ND	ND	ND	0.001	0.002
Toluene	ND	ND	ND	ND	ND	ND	0.001	0.002
Ethylbenzene	ND	11.2	ND	ND	ND	ND	0.001	0.002
Total Xylenes	ND	5.56	ND	ND	ND	ND	0.002	0.004
Ethanol	ND	ND	ND	ND	ND	ND	0.50	1.00
MTBE	ND	ND	0.037	0.160	0.003J	ND	0.002	0.005
ETBE	ND	ND	ND	ND	ND	ND	0.002	0.005
DIPE	ND	ND	ND	ND	ND	ND	0.002	0.005
TAME	ND	ND	ND	ND	ND	ND	0.002	0.005
TBA	ND	ND	0.117	ND	ND	ND	0.020	0.050

Lab ID	Method	R407088-16	R407088-17	R407088-18	R407088-19		MDL	PQL
Sample ID	Blank	T1E	T2/3-C	T4W	T4E			
DF	1	1	1000	1000	1			
Benzene	ND	ND	53.5*	ND	ND		0.001	0.002
Toluene	ND	ND	607*	19.9	ND		0.001	0.002
Ethylbenzene	ND	ND	228*	87.7	ND		0.001	0.002
Total Xylenes	ND	ND	1,310*	473*	ND		0.002	0.004
Ethanol	ND	ND	ND	ND	ND		0.50	1.00
MTBE	ND	ND	15.6	ND	ND		0.002	0.005
ETBE	ND	ND	ND	ND	ND		0.002	0.005
DIPE	ND	ND	ND	ND	ND		0.002	0.005
TAME	ND	ND	ND	ND	ND		0.002	0.005
TBA	ND	ND	ND	ND	ND		0.020	0.050

MDL=Method Detection Limit;
 DF=Dilution Factor.
 * Obtained from a higher dilution analysis.

PQL=Practical Quantitation Limit.
 ND=Not Detected (below DF × MDL);
 J=Result is between DF × MDL and DF × PQL



Alpha Scientific Corporation

Environmental Laboratories

Client: Atlas Environmental Engineering, Inc.
 Project: Eastmont 76 Station
 Project Site: 7210 Bancroft Ave., Oakland, CA 94605
 Matrix: Soil
 Batch No.: 0730-VOBS1

Lab Job No.: R407088
 Date Sampled: 07-29-2014
 Date Received: 07-30-2014
 Date Analyzed: 07-30-2014
 Date Reported: 07-31-2014

EPA 8260B (BTEX, Ethanol & Oxygenates by GC/MS)
Reporting Units: mg/kg (ppm)

Lab ID	Method Blank	R407088-20,21&22	R407088-23,24&25	R407088-26,27&28	R407088-29&30	R407088-31,32,33&34	MDL	PQL
Sample ID		SP-1, SP-2 & SP-3	SP-4, SP-5 & SP-6	SP-7, SP-8 & SP-9	SP-10 & SP-11	SP-12, SP-13, SP-14 & SP-15		
DF	1	1	1	1	1	1		
Benzene	ND	ND	ND	ND	ND	ND	0.001	0.002
Toluene	ND	ND	ND	ND	ND	ND	0.001	0.002
Ethylbenzene	ND	ND	ND	ND	ND	ND	0.001	0.002
Total Xylenes	ND	ND	ND	ND	ND	ND	0.002	0.004
Ethanol	ND	ND	ND	ND	ND	ND	0.50	1.00
MTBE	ND	ND	ND	ND	ND	ND	0.002	0.005
ETBE	ND	ND	ND	ND	ND	ND	0.002	0.005
DIPE	ND	ND	ND	ND	ND	ND	0.002	0.005
TAME	ND	ND	ND	ND	ND	ND	0.002	0.005
TBA	ND	ND	ND	ND	ND	ND	0.020	0.050

MDL=Method Detection Limit;
 DF=Dilution Factor.

* Obtained from a higher dilution analysis.

PQL=Practical Quantitation Limit.

ND=Not Detected (below DF × MDL);

J=Result is between DF × MDL and DF × PQL



08-01-2014

**TPH-Gasoline
Batch QA/QC Report**

Client: Atlas Environmental Engineering, Inc.
Project: Eastmont 76 Station
Matrix: Soil
Batch No: EMG30-GS1

Lab Job No: R407088
Lab Sample ID: R407088-1
Date Analyzed: 07-30/31-2014

**I. MS/MSD Report
Unit: ppb**

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
TPH-g	ND	1,000	798	984	79.8	98.4	20.9	30	70-130

**II. LCS Result
Unit: ppb**

Analyte	LCS Value	True Value	Rec.%	Accept. Limit
TPH-g	1,160	1,000	116.0	80-120

ND: Not Detected (at the specified limit).



08-01-2014

**TPH-Gasoline
Batch QA/QC Report**

Client: Atlas Environmental Engineering, Inc.
Project: Eastmont 76 Station
Matrix: Soil
Batch No: BMG30-GS1

Lab Job No: R407088
Lab Sample ID: AI407089-2
Date Analyzed: 07-30/31-2014

**I. MS/MSD Report
Unit: ppb**

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
TPH-g	ND	1,000	1,120	1,230	112.0	123.0	9.4	30	70-130

**II. LCS Result
Unit: ppb**

Analyte	LCS Value	True Value	Rec.%	Accept. Limit
TPH-g	1,090	1,000	109.0	80-120

ND: Not Detected (at the specified limit).



08-01-2014

**EPA 8015M (TPH)
Batch QA/QC Report**

Client: Atlas Environmental Engineering, Inc.
Project: Eastmont 76 Station
Matrix: Soil
Batch No.: BG30-DS1

Lab Job No: R407088
Lab Sample ID: R407088-1
Date Analyzed: 07-30-2014

**I. MS/MSD Report
Unit: ppm**

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
TPH-d	ND	200	223	211	111.5	105.5	5.5	30	70-130

**II. LCS Result
Unit: ppm**

Analyte	LCS Value	True Value	Rec.%	Accept. Limit
TPH-d	205	200	102.5	80-120

ND: Not Detected (at the specified limit)



08-01-2014

**EPA Method 8260B
Batch QA/QC Report**

Client: Atlas Environmental Engineering, Inc.
Project: Eastmont 76 Station
Matrix: Soil
Batch No: 0730-VOES1

Lab Job No: R407088
Lab Sample ID: R407088-1
Date Analyzed: 07-30/31-2014

**I. MS/MSD Report
Unit: ppb**

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
1,1-Dichloroethene	ND	20	22.0	25.4	110.0	127.0	14.3	30	70-130
Benzene	ND	20	24.2	23.8	121.0	119.0	1.7	30	70-130
Trichloro-ethene	ND	20	24.3	24.5	121.5	122.5	0.8	30	70-130
Toluene	ND	20	24.2	25.3	121.0	126.5	4.4	30	70-130
Chlorobenzene	ND	20	23.2	23.9	116.0	119.5	3.0	30	70-130

**II. LCS Result
Unit: ppb**

Analyte	LCS Value	True Value	Rec.%	Accept. Limit
1,1-Dichloroethene	22.5	20.0	112.5	80-120
Benzene	20.2	20.0	101.0	80-120
Trichloro-ethene	21.4	20.0	107.0	80-120
Toluene	20.0	20.0	100.0	80-120
Chlorobenzene	20.9	20.0	104.5	80-120

ND: Not Detected (at the specified limit).



08-01-2014

**EPA Method 8260B
Batch QA/QC Report**

Client: Atlas Environmental Engineering, Inc.
Project: Eastmont 76 Station
Matrix: Soil
Batch No: 0730-VOBS1

Lab Job No: R407088
Lab Sample ID: AI407089-2
Date Analyzed: 07-30/31-2014

**I. MS/MSD Report
Unit: ppb**

Analyte	Sample Conc.	Spike Conc.	MS	MSD	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
1,1-Dichloroethene	ND	20	22.3	19.7	111.5	98.5	12.4	30	70-130
Benzene	ND	20	21.6	21.7	108.0	108.5	0.5	30	70-130
Trichloro-ethene	ND	20	23.0	22.0	115.0	110.0	4.4	30	70-130
Toluene	ND	20	22.3	23.8	111.5	119.0	6.5	30	70-130
Chlorobenzene	ND	20	22.0	21.4	110.0	107.0	2.8	30	70-130

**II. LCS Result
Unit: ppb**

Analyte	LCS Value	True Value	Rec.%	Accept. Limit
1,1-Dichloroethene	21.1	20.0	105.5	80-120
Benzene	16.4	20.0	82.0	80-120
Trichloro-ethene	21.2	20.0	106.0	80-120
Toluene	21.6	20.0	108.0	80-120
Chlorobenzene	22.7	20.0	113.5	80-120

ND: Not Detected (at the specified limit).

R407088 1/3

ATLAS ENVIRONMENTAL ENGINEERING, INC.					CHAIN OF CUSTODY FORM					
P.O. NUMBER:		SITE/PROJECT NAME:			SOIL SAMPLES					SUBMIT RESULTS TO:
FRC/EOK-SS		EASTMONT 76 STATION			ANALYTICAL METHOD					ATLAS ENVIRONMENTAL ENG. 3185 AIRWAY AVENUE, SUITE D-1 COSTA MESA, CA 92626
JOB NUMBER:		SITE/PROJECT LOCATION:			TPHg LUFT GC/MS	TPHd 8015M	BTEX + FUEL OXY 8260B	TITLE 22 METALS 6010B	ORGANIC LEAD GC/PID	ATTN: KARL H. KERNER PHONE NO. (714) 890-7129 FAX NO. (714) 890-7149
FRC/EOK-SS-JS		7210 BANCROFT AVENUE OAKLAND, CALIFORNIA 94605								REMARKS
SAMPLER(S) SIGNATURE:										
SAMPLE NUMBER (I.D.)	YEAR 2014 DATE MM/DD	TIME AM/PM	DEPTH BELOW GRADE (ft)	NO. OF CONTAINERS						
SP-1	7.29.14	2:09	N/A	1	X	X	X			} R407088 -20 Comp 1,2,3 -21 -22 -23 Composite 4,5,6 -24 -25 -26 Composite 7,8,9 -27 -28 Composite 10,11 -29 -30 Composite 12,13,14,15 -31 -32 -33
SP-2	7.29.14	2:11		1						
SP-3	7.29.14	2:13		1						
SP-4	7.29.14	1:59		1						
SP-5	7.29.14	2:02		1						
SP-6	7.29.14	2:07		1						
SP-7	7.29.14	2:09		1						
SP-8	7.29.14	2:00		1						
SP-9	7.29.14	2:08		1						
SP-10	7.29.14	1:40		1						
SP-11	7.29.14	1:42		1						
SP-12	7.29.14	5:29		1						
SP-13	7.29.14	5:33		1						
SP-14	7.29.14	5:31	N/A	1						
SAMPLES INTACT: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>					RELINQUISHED		DATE/TIME	DATE/TIME	RECEIVED	
SAMPLES PROPERLY COOLED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>										
TEMPERATURE STORED: 5°C					RELINQUISHED BY (SIGNATURE)/ COMPANY		DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/COMPANY	
PRESERVATIVES ADDED: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> TYPE:							7/30/14	7/30/14 10:30	/ ASC	
SAMPLES ACCEPTED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>					RELINQUISHED BY (SIGNATURE)/ COMPANY		DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/COMPANY	
IF NOT, WHY:										
SAMPLES PLACED IN LAB REFRIGERATOR					RELINQUISHED BY (SIGNATURE)/ COMPANY		DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/COMPANY	
YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> REP. INITIALS: <i>MS</i>										
LABORATORY NAME: Alpha Scientific Corp. - 16790 Gridley Rd., Cerritos, CA 90703										

R407088

ATLAS ENVIRONMENTAL ENGINEERING, INC.					CHAIN OF CUSTODY FORM						
P.O. NUMBER:		SITE/PROJECT NAME:			SOIL SAMPLES					SUBMIT RESULTS TO:	
FRC/EOK-SS		EASTMONT 76 STATION									
JOB NUMBER:		SITE/PROJECT LOCATION:			ANALYTICAL METHOD					ATLAS ENVIRONMENTAL ENG. 3185 AIRWAY AVENUE, SUITE D-1 COSTA MESA, CA 92626	
FRC/EOK-SS-JS		7210 BANCROFT AVENUE OAKLAND, CALIFORNIA 94605								ATTN: KARL H. KERNER PHONE NO. (714) 890-7129 FAX NO. (714) 890-7149	
SAMPLER(S) SIGNATURE					TPHg	TPHd	BTEX + FUEL OXY	TITLE 22 METALS	ORGANIC LEAD	REMARKS	
SAMPLE NUMBER (I.D.)	YEAR 2014 DATE MM/DD	TIME AM/PM	DEPTH BELOW GRADE (ft)	NO. OF CONTAINERS	LUFT GC/MS	8015M	8260B	6010B	GC/PID		
SP-15	7.29/14	5:35	M/A	1	X	X	X			-34	
PL-1		2:38	3	1	X	X	X			R407088 -1	
PL-2		3:00	3	1	X	X	X			-2	
PL-3		2:43	3	1	X	X	X			-3	
PL-4		2:52	3	1	X	X	X			-4	
PL-5		3:05	3	1	X	X	X			-5	
PL-6		3:16	3	1	X	X	X			-6	
PL-7		3:57	3	1	X	X	X			-7	
PL-8		4:03	3	1	X	X	X			-8	
PL-9		3:26	3	1	X	X	X			-9	
D1		3:10	3	1	X	X	X			-10	
D2		3:14	3	1	X	X	X			-11	
D3		2:48	3	1	X	X	X			-12	
D4		7/29/14	2:55	3	1	X	X	X			-13
SAMPLES INTACT: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>					RELINQUISHED		DATE/TIME	DATE/TIME	RECEIVED		
SAMPLES PROPERLY COOLED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>					RELINQUISHED BY (SIGNATURE)/ COMPANY		DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/ COMPANY		
TEMPERATURE STORED: 5°C					RELINQUISHED BY (SIGNATURE)/ COMPANY		DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/ COMPANY		
PRESERVATIVES ADDED: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> TYPE:					RELINQUISHED BY (SIGNATURE)/ COMPANY		DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/ COMPANY		
SAMPLES ACCEPTED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>					RELINQUISHED BY (SIGNATURE)/ COMPANY		DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/ COMPANY		
IF NOT, WHY:					RELINQUISHED BY (SIGNATURE)/ COMPANY		DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/ COMPANY		
SAMPLES PLACED IN LAB REFRIGERATOR					RELINQUISHED BY (SIGNATURE)/ COMPANY		DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/ COMPANY		
YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> REP. INITIALS: AW					RELINQUISHED BY (SIGNATURE)/ COMPANY		DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/ COMPANY		
LABORATORY NAME: Alpha Scientific Corp. - 16790 Gridley Rd., Cerritos, CA 90703											

R407088

3/3

ATLAS ENVIRONMENTAL ENGINEERING, INC.					CHAIN OF CUSTODY FORM					
P.O. NUMBER:		SITE/PROJECT NAME:			SOIL SAMPLES					SUBMIT RESULTS TO:
FRC/EOK-SS		EASTMONT 76 STATION								ATLAS ENVIRONMENTAL ENG. 3185 AIRWAY AVENUE, SUITE D-1 COSTA MESA, CA 92626
JOB NUMBER:		SITE/PROJECT LOCATION:			ANALYTICAL METHOD					ATTN: KARL H. KERNER PHONE NO. (714) 890-7129 FAX NO. (714) 890-7149
FRC/EOK-SS-JS		7210 BANCROFT AVENUE OAKLAND, CALIFORNIA 94605			TPHg	TPHd	BTEX + FUEL OXY	TITLE 22 METALS	ORGANIC LEAD	
SAMPLER(S) SIGNATURE:					LUFT GC/MS	8015M	8260B	6010B	GC/PID	REMARKS
SAMPLE NUMBER (I.D.)	YEAR 2014 DATE MM/DD	TIME AM/PM	DEPTH BELOW GRADE (ft)	NO. OF CONTAINERS						
D6	7-28-14	3:47	2	1	X	X	X			R407088-14
T1W	}	4:58	23	1	X	X	X			-15
T1E		4:35	23	1	X	X	X			-16
T2/3-C		5:10	23	1	X	X	X			-17
T4W		4:20	23	1	X	X	X			-18
T4E		7-29-14	4:16	23	1	X	X	X		
SAMPLES INTACT: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>					RELINQUISHED	DATE/TIME	DATE/TIME	RECEIVED		
SAMPLES PROPERLY COOLED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>					RELINQUISHED BY (SIGNATURE)/COMPANY	DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/COMPANY		
TEMPERATURE STORED: 5°C					<i>[Signature]</i>	10:30	7/30/14	<i>[Signature]</i> / ASC		
PRESERVATIVES ADDED: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> TYPE:					<i>[Signature]</i>	7/30/14	18:36			
SAMPLES ACCEPTED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>					RELINQUISHED BY (SIGNATURE)/COMPANY	DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/COMPANY		
IF NOT, WHY:										
SAMPLES PLACED IN LAB REFRIGERATOR YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> REP. INITIALS: <i>[Signature]</i>					RELINQUISHED BY (SIGNATURE)/COMPANY	DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/COMPANY		
LABORATORY NAME: Alpha Scientific Corp. - 16790 Gridley Rd., Cerritos, CA 90703										

APPENDIX E



MATERIAL TEST REPORT

DATE OF ISSUE: 4/23/2014

RE: Argent Materials Inc
8300 Baldwin Street
Oakland, CA 94621

CEL# 1028072A
LAB# 10S140415-3

MATERIAL/SAMPLE DATA

Material: 3/8" Minus Structural Backfill
Source: On Site
Location: Argent

Sample Date: 04/10/2014
Sampled By: Others

TESTS COMPLETED

Consolidated Engineering Laboratories has performed testing of materials for the above project as noted below. Testing was performed in accordance with the indicated test method. Results as follows:

1 pH of Soil ASTM D 4972

pH = 9

2 Plasticity Index of Soils CT 204

Please refer to the attached data sheets for results.

3 Resistance "R" Value of Untreated Soils CT 301

Please refer to the attached data sheets for results.



4 Sand Equivalent CT 217

Average = 68

5 Durability Index Coarse & Fine Aggregate CT 229

Durability Index = 62

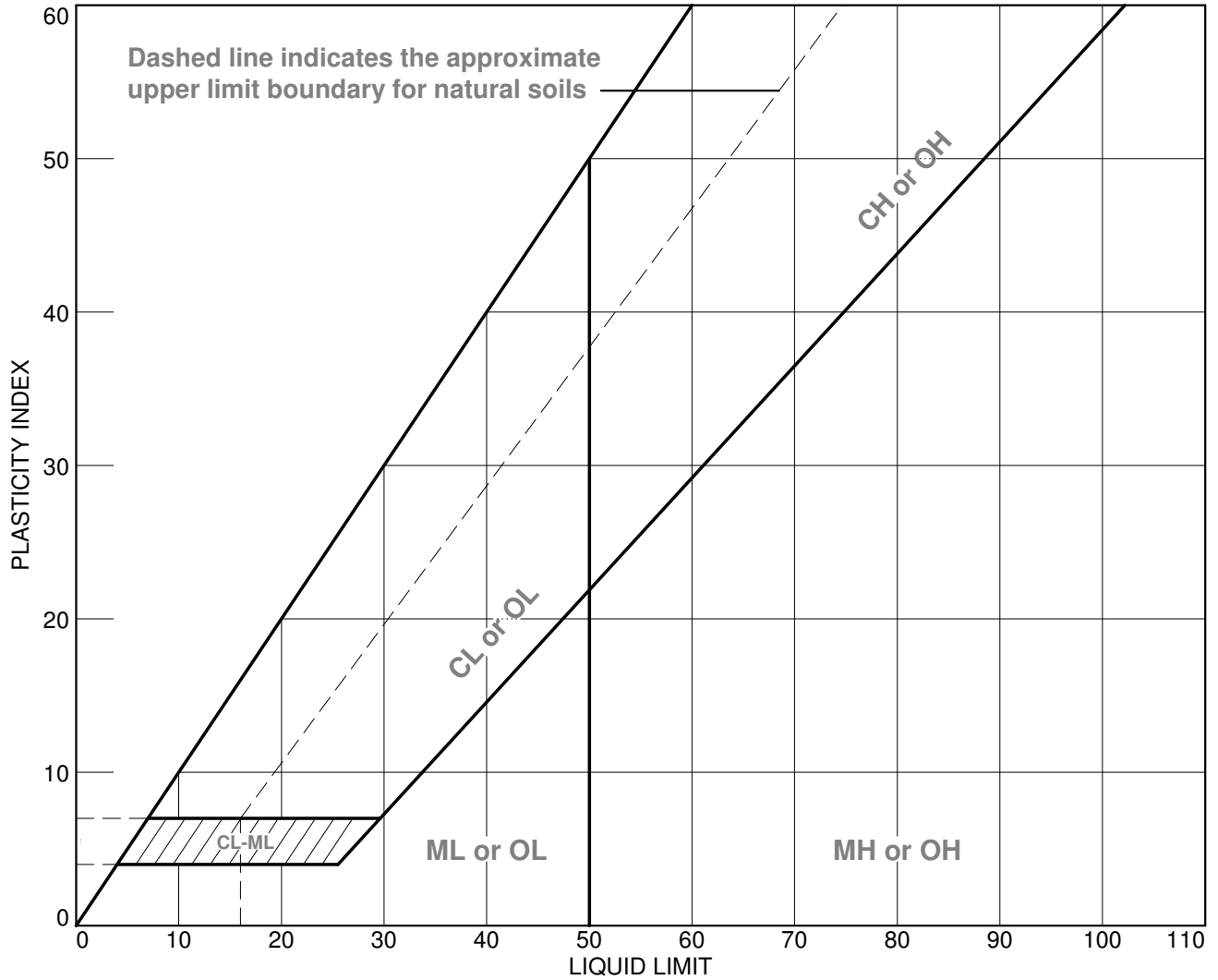
6 Sieve Analysis - Bulk Sample Gradation 3" to #200 CT 202

Please refer to the attached data sheets for results.

CC: Respectfully Submitted: Consolidated Engineering, Greg D. LeRoy, PE , Lab Manager
Silverado Contractors, Inc. (ER)

These results are for the exclusive use of the client for whom they were obtained. They apply only to the samples tested and are not indicative of apparently identical s

LIQUID AND PLASTIC LIMITS TEST REPORT



SOIL DATA								
SYMBOL	SOURCE	SAMPLE NO.	DEPTH	NATURAL WATER CONTENT (%)	PLASTIC LIMIT (%)	LIQUID LIMIT (%)	PLASTICITY INDEX (%)	USCS
●		10S140415-3			NP	NV	NP	SW-SM

CONSOLIDATED ENGINEERING LABORATORIES

San Ramon, California

Client:

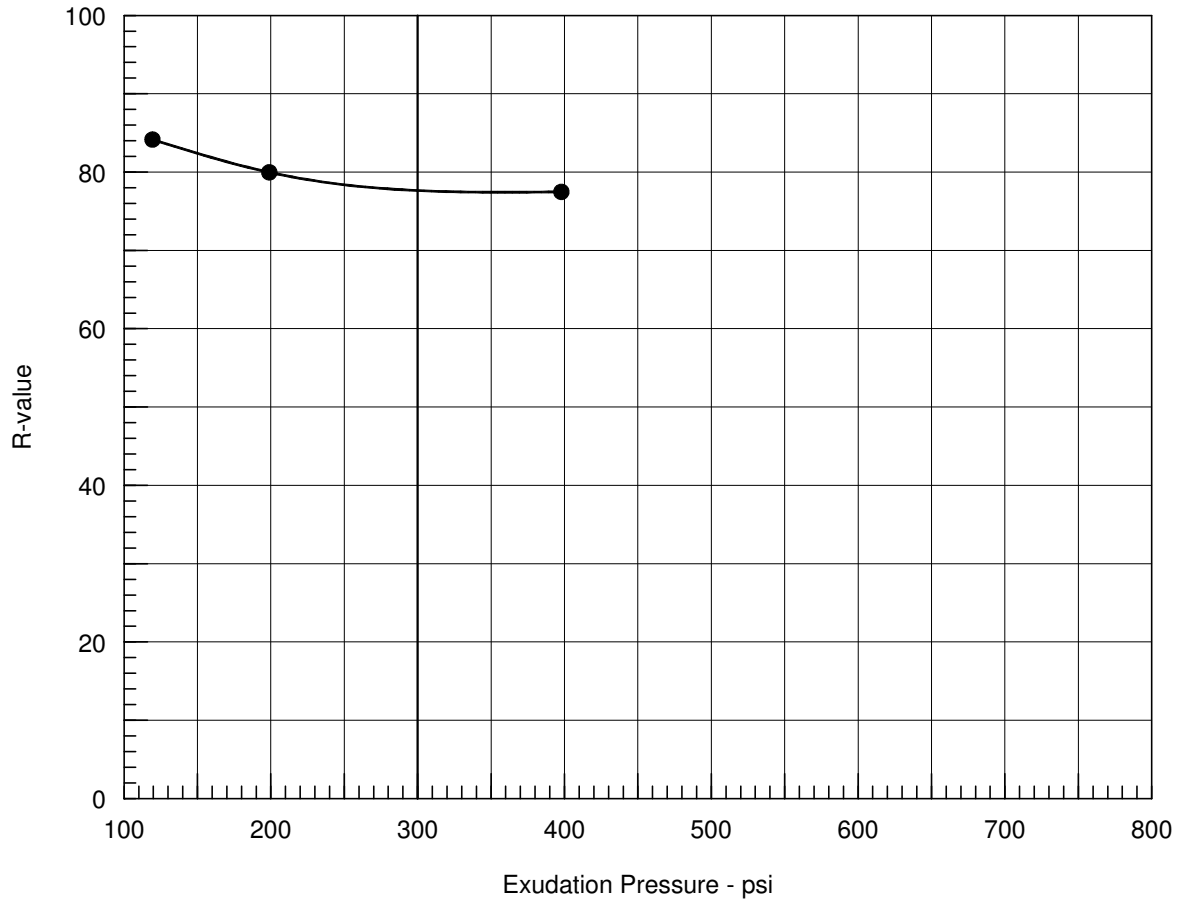
Project: Argent Materials Inc.
8300 Baldwin Street, Oakland, CA 94621

Project No.: 1028072

Tested By: CC

Checked By: WY

R-VALUE TEST REPORT



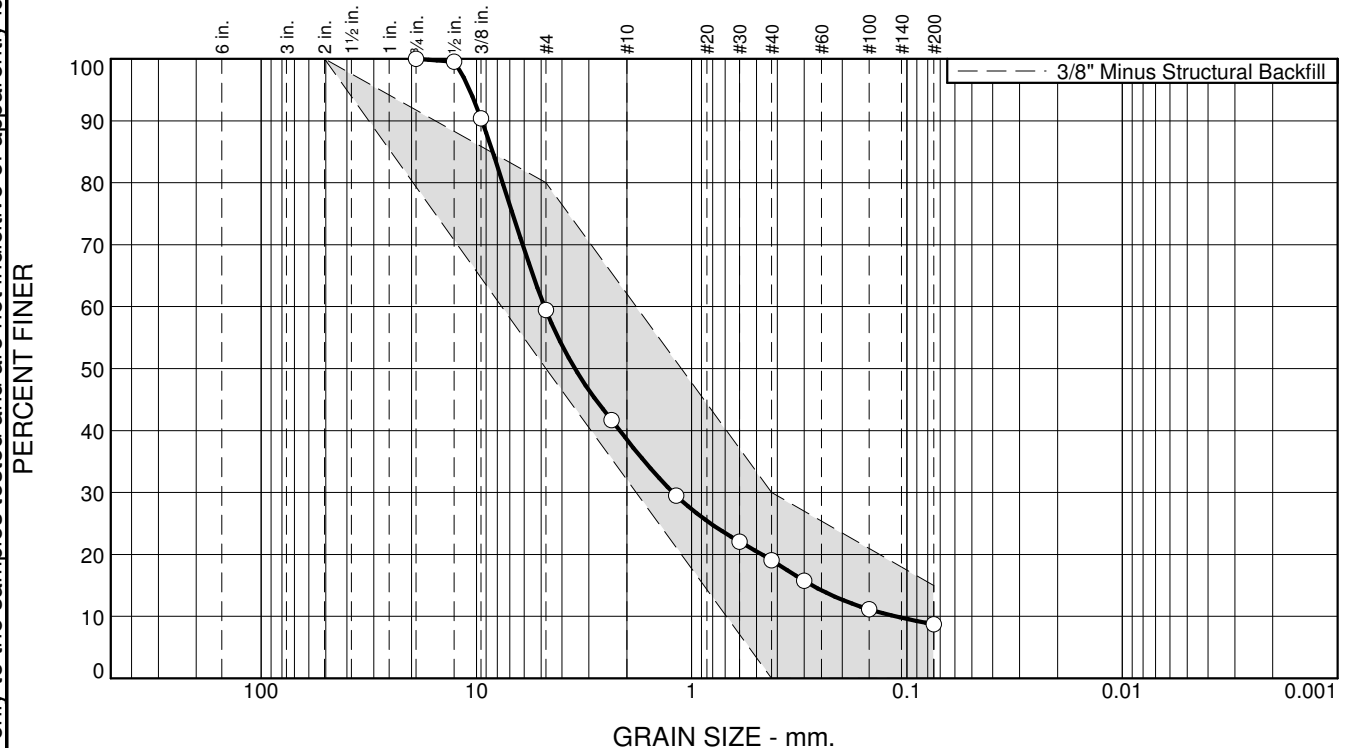
Resistance R-Value and Expansion Pressure - ASTM D 2844

No.	Compact Pressure psi	Density pcf	Moist. %	Expansion Pressure psi	Horizontal Press. psi @ 160 psi	Sample Height in.	Exud. Pressure psi	R Value	R Value Corr.
1	350	105.7	16.1	0.00	22	2.50	398	77.5	77.5
2	300	102.9	18.2	0.00	18	2.51	199	80.0	80.0
3	250	101.7	19.7	0.00	14	2.50	119	84.2	84.2

Test Results	Material Description
<p>R-value at 300 psi exudation pressure = 77.6</p>	<p>3/8" Minus Structural Backfill Sampled on 4/10/14 by Others</p>
<p>Project No.: 1028072A Project: Argent Materials Inc. Location: Onsite/Argent Sample Number: 10S140415-3 Date: 4/23/2014</p>	
<p>R-VALUE TEST REPORT</p> <p>CONSOLIDATED ENGINEERING LABORATORIES -- SAN RAMON, CA</p>	<p>Tested by: LH Checked by: WY Remarks:</p>

These results are for the exclusive use of the client for whom they were obtained. They apply only to the samples tested and are not indicative of apparently identical samples

Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0	0	41	20	20	10	9	

TEST RESULTS			
Opening Size	Percent Finer	Spec.* (Percent)	Pass? (X=Fail)
3/4"	100		
1/2"	100		
3/8"	90		
#4	59	50 - 80	
#8	42		
#16	30		
#30	22		
#40	19	0 - 30	
#50	16		
#100	11		
#200	8.7	0.0 - 15	

Material Description

3/8" Minus Structural Backfill
Sampled on 4/10/14 by Others

Atterberg Limits (ASTM D 4318)

PL= LL= PI=

Classification

USCS (D 2487)= AASHTO (M 145)=

Coefficients

D₉₀= 9.4337 D₈₅= 8.4116 D₆₀= 4.8195
D₅₀= 3.4863 D₃₀= 1.2210 D₁₅= 0.2755
D₁₀= 0.1128 C_u= 42.73 C_c= 2.74

Remarks

Date Received: Date Tested: 04/11/14

Tested By: EY

Checked By: KC

Title: Lab Supervisor

* 3/8" Minus Structural Backfill

Location: Onsite/Argent
Sample Number: 10S140415-3

Date Sampled: 04/11/14

CONSOLIDATED ENGINEERING LABORATORIES San Ramon, California	Client: Argent Materials Inc. Project No: 1028072A
---	--



Alpha Scientific Corporation
Environmental Laboratories

08-13-2014

Mr. Karl Kerner
Atlas Environmental Engineering, Inc.
3185 Airway Avenue, Suite D-1
Costa Mesa, CA 92626

Project: Eastmont 76 Stations
Project Site: 7210 Bancroft Ave., Oakland, CA 94605
Sample Date: 08-06-2014
Lab Job No.: R408020

Dear Mr. Kerner:

Enclosed please find the analytical report for the sample(s) received by Alpha Scientific Corporation on 08-08-2014 and analyzed by the following EPA methods:

EPA 9045C (pH)
EPA 6010B/7471A for CAM Metals
EPA 6010B (Cr & Ni, STLC)
Asbestos by PLM

Asbestos analyses was subcontracted to AmeriSci Laboratoies. Their original reports will be attached.

All analyses have met the QA/QC criteria of this laboratory.

The sample(s) arrived in good conditions (i.e., chilled, intact) and with a chain of custody record attached.

Alpha Scientific Corporation is a CA DHS certified laboratory (Certificate Number 2633). Thank you for giving us the opportunity to serve you. Please feel free to call me at (562) 809-8880 if our laboratory can be of further service to you.

Sincerely,

Roger Wang, Ph. D.
Laboratory Director

Enclosures

This cover letter is an integral part of this analytical report.



Alpha Scientific Corporation

Environmental Laboratories

Client: Atlas Environmental Engineering, Inc.
Project: Eastmont 76 Stations
Project Site: 7210 Bancroft Ave., Oakland, CA 94605
Matrix: Soil
Batch No.: 0808-PH1

Lab Job No.: R408020
Date Sampled: 08-06-2014
Date Received: 08-08-2014
Date Analyzed: 08-08-2014
Date Reported: 08-11-2014

EPA Method 9045C (Soil pH)
Reporting Units: pH Unit

Sample ID	Lab ID	pH	Temperature (°C)	Reporting Limit
BP-1	R408020-1	10.26	26.5	---
BP-2	R408020-2	10.19	26.5	---
BP-3	R408020-3	10.42	26.5	---
BP-4	R408020-4	10.20	26.5	---



Alpha Scientific Corporation

Environmental Laboratories

Client: Atlas Environmental Engineering, Inc.
 Project: Eastmont 76 Stations
 Project Site: 7210 Bancroft Ave., Oakland, CA 94605
 Matrix: Soil
 Digestion Method: EPA 3050B
 Batch No.: 0811-MS1

Lab Job No.: R408020
 Date Sampled: 08-06-2014
 Date Received: 08-08-2014
 Date Digested: 08-08-2014
 Date Analyzed: 08-11-2014
 Date Reported: 08-11-2014

EPA 6010B/7471A for Cam Metals (TTLC)

Reporting Units: mg/kg (ppm)

Element	EPA	Method Blank	R408020-1	R408020-2	R408020-3	R408020-4	PQL
	Method		BP-1	BP-2	BP-3	BP-4	
Antimony (Sb)	6010B	ND	ND	ND	ND	ND	2
Arsenic (As)	6010B	ND	1.3	4.2	2.4	2.9	0.5
Barium (Ba)	6010B	ND	88.7	151	925	116	2
Beryllium (Be)	6010B	ND	ND	ND	ND	ND	2
Cadmium (Cd)	6010B	ND	ND	ND	ND	ND	2
Chromium-Total	6010B	ND	76.8	58.9	33.6	46.6	2
Cobalt (Co)	6010B	ND	15.8	10.9	6.9	9.0	2
Copper (Cu)	6010B	ND	43.0	55.0	21.2	55.7	2
Lead (Pb)	6010B	ND	15.2	27.5	11.4	27.9	2
Mercury (Hg)	7471A	ND	ND	ND	ND	ND	0.2
Molybdenum (Mo)	6010B	ND	ND	ND	ND	ND	2
Nickel (Ni)	6010B	ND	309	119	77.3	118	2
Selenium (Se)	6010B	ND	ND	ND	ND	ND	0.5
Silver (Ag)	6010B	ND	ND	ND	ND	ND	2
Thallium (Tl)	6010B	ND	ND	ND	ND	ND	2
Vanadium (V)	6010B	ND	202	141	88.1	116	2
Zinc (Zn)	6010B	ND	78.0	112	62.1	177	1

PQL: Practical Quantitation Limit.

ND: Not Detected (at the specified limit).



Alpha Scientific Corporation

Environmental Laboratories

Client: Atlas Environmental Engineering, Inc. Lab Job No.: R408020
Project: Eastmont 76 Stations
Project Site: 7210 Bancroft Ave., Oakland, CA 94605 Date Sampled: 08-06-2014
Matrix: Soil Date Received: 08-08-2014
Batch No.: 0813-MS1 Date Analyzed: 08-13-2014
Date Reported: 08-13-2014

EPA 6010B (Chromium & Nickel, STLC)

Reporting Unit: mg/L (ppm)

Sample ID	Lab ID	Chromium (Cr) STLC	Nickel (Ni) STLC		
MDL		0.1	0.1		
PQL		0.2	0.2		
Extraction Blank		ND	ND		
BP-1	R408020-1	0.51	0.55		
BP-2	R408020-2	0.57	NA		

Note: Sample Preparation: Extraction Procedures, STLC Metals, Title 22, Chapter 11, Appendix II-1, 48 hours (08-11 to 08-13-2014).

MDL: Method Detection Limit.

PQL: Practical Quantitation Limit.

ND: Not Detected (at the specified limit).

NA: Not Analyzed.



08-11-2014

EPA 6010B/7471A for CAM Metals
Batch QA/QC Report

Client: Atlas Environmental Engineering, Inc.
Project: Eastmont 76 Stations
Matrix: Soil
Batch No.: 0811-MS1

Lab Job No: R408020
Lab Sample ID: Q408025-1
Date Analyzed: 08-11-2014

I. MS/MSD Report
Unit: ppm

Analyte	EPA Method	MB Conc.	Spike Conc.	MS %Rec.	MSD %Rec.	% RPD	%RPD Accept. Limit	%Rec Accept. Limit
Antimony (Sb)	6010B	ND	10	87.3	89.7	2.6	30	70-130
Arsenic (As)	6010B	ND	10	97.8	98.9	1.1	30	70-130
Barium (Ba)	6010B	ND	10	99.0	98.5	0.5	30	70-130
Beryllium (Be)	6010B	ND	10	111.0	111.3	0.3	30	70-130
Cadmium (Cd)	6010B	ND	10	107.5	108.1	0.6	30	70-130
Chromium (Cr)	6010B	ND	10	110.6	111.3	0.6	30	70-130
Cobalt (Co)	6010B	ND	10	96.9	96.8	0.1	30	70-130
Copper (Cu)	6010B	ND	10	97.6	97.8	0.2	30	70-130
Lead (Pb)	6010B	ND	10	93.0	93.9	1.0	30	70-130
Molybdenum (Mo)	6010B	ND	10	99.5	100.5	1.0	30	70-130
Nickel (Ni)	6010B	ND	10	122.3	123.1	0.6	30	70-130
Selenium (Se)	6010B	ND	10	123.0	122.7	0.3	30	70-130
Silver (Ag)	6010B	ND	10	99.2	99.8	0.6	30	70-130
Thallium (Tl)	6010B	ND	10	106.8	103.5	3.2	30	70-130
Vanadium (V)	6010B	ND	10	108.7	108.3	0.4	30	70-130
Zinc (Zn)	6010B	ND	10	112.4	112.9	0.5	30	70-130

ND: Not Detected.



08-11-2014

EPA 6010B/7471A for CAM Metals
Batch QA/QC Report

Client: Atlas Environmental Engineering, Inc.
Project: Eastmont 76 Stations
Matrix: Soil
Batch No.: 0811-MS1

Lab Job No: R408020
Lab Sample I.D: LCS
Date Analyzed: 08-11-2014

II. LCS Result
Unit: ppm

Analyte	EPA Method	LCS Value	True Value	Rec.%	Accept. Limit
Antimony (Sb)	6010B	10.14	10	101.4	80-120
Arsenic (As)	6010B	9.561	10	95.6	80-120
Barium (Ba)	6010B	8.881	10	88.8	80-120
Beryllium (Be)	6010B	8.893	10	88.9	80-120
Cadmium (Cd)	6010B	9.635	10	96.4	80-120
Chromium (Cr)	6010B	8.941	10	89.4	80-120
Cobalt (Co)	6010B	9.178	10	91.8	80-120
Copper (Cu)	6010B	8.993	10	89.9	80-120
Lead (Pb)	6010B	9.541	10	95.4	80-120
Molybdenum (Mo)	6010B	9.945	10	99.5	80-120
Nickel (Ni)	6010B	9.660	10	96.6	80-120
Selenium (Se)	6010B	9.157	10	91.6	80-120
Silver (Ag)	6010B	9.458	10	94.6	80-120
Thallium (Tl)	6010B	10.38	10	103.8	80-120
Vanadium (V)	6010B	9.088	10	90.9	80-120
Zinc (Zn)	6010B	10.01	10	100.1	80-120

ND:Not Detected (at the specified limit).

Please Reply To:



AmeriSci Los Angeles

24416 S. Main Street, Ste 308
Carson, California 90745
TEL: (310) 834-4868 • FAX: (310) 834-4772

FACSIMILE TELECOPY TRANSMISSION

To: Roger Wang
Alpha Scientific Corp.

Fax #:

Email: ascorp@verizon.net

From: Paola Ducoing
AmeriSci Job #: 914081303
Subject: PLM-Bulk-Qualitative 24 hour Resu
Client Project: R408020; Asbestos In Soil

Date: Saturday, August 09, 2014

Time: 12:04:58

Comments:

Number of Pages: 3

(including cover sheet)

CONFIDENTIALITY NOTICE: Unless otherwise indicated, the information contained in this communication is confidential information intended for use of the individual named above. If the reader of this communication is not the intended recipient, you are hereby notified that any dissemination, distribution or copying of this communication is prohibited. If you have received this communication in error, please immediately notify the sender by telephone and return the original message to the above address via the US Postal Service at our expense. Preliminary data reported here will be verified before final report is issued. Samples are disposed of in 60 days or unless otherwise instructed by the protocol or special instructions in writing. Thank you.

Certified Analysis Service 24 Hours A Day • 7 Days A Week Competitive Prices
visit our web site - www.amerisci.com

Boston • Los Angeles • New York • Richmond

Client Name: Alpha Scientific Corp.

Table I
Summary of Bulk Asbestos Analysis Results
 R408020; Asbestos In Soil

AmeriSci Sample #	Client Sample#	HG Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	Asbestos by PLM/DS	Asbestos by TEM
01 Location:	BP-1		---	---	---	---	NVA	NA
02 Location:	BP-2		---	---	---	---	NVA	NA
03 Location:	BP-3		---	---	---	---	NVA	NA
04 Location:	BP-4		---	---	---	---	Chrysotile Present	NA

Reviewed By:  ; Analyzed By: Paola Ducoing  ; Date Analyzed: 8/9/2014

Qualitative Analysis: Asbestos analysis results of "Present" or "NVA = No Visible Asbestos" represent Qualitative PLM (polarized light microscopy) or Qualitative TEM (transmission electron microscopy) Analysis for confirmation of asbestos presence and identification only, following selections of EPA 600/R-93/116 (method not covered by NVLAP asbestos accreditation); NA = not analyzed; this report relates ONLY to the items tested.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter.

R408020

ATLAS ENVIRONMENTAL ENGINEERING, INC.

CHAIN OF CUSTODY FORM

P.O. NUMBER: FRC/EOK-SS		SITE/PROJECT NAME: EASTMONT 76 STATION			SOIL SAMPLES				SUBMIT RESULTS TO:	
JOB NUMBER: FRC/EOK-SS-KK		SITE/PROJECT LOCATION: 7210 BANCROFT AVENUE OAKLAND, CALIFORNIA 94605			ANALYTICAL METHOD:				ATLAS ENVIRONMENTAL ENG. 3185 AIRWAY AVENUE, SUITE D-1 COSTA MESA, CA 92626	
SAMPLER(S) SIGNATURE:					TPHg	pH	BTEX + FUEL OXY	TITLE 22 METALS	ASBESTOS	ATTN: KARL H. KERNER PHONE NO. (714) 890-7129 FAX NO. (714) 890-7149
SAMPLE NUMBER (I.D.)	YEAR 2014 DATE MM/DD	TIME AM/PM	DEPTH BELOW GRADE (ft)	NO. OF CONTAINERS	LUFT GC/MS		8260B	6010B		REMARKS
BP-1	8/6/2014		n/a	1						Lab ID
BP-2	8/6/2014		n/a	1						R408020-1
BP-3	8/6/2014		n/a	1						-2
BP-4	8/6/2014		n/a	1						-3
										-4
SAMPLES INTACT: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>					RELINQUISHED:		DATE/TIME	DATE/TIME	RECEIVED	
SAMPLES PROPERLY COOLED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>					RELINQUISHED BY (SIGNATURE)/COMPANY		DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/COMPANY	
TEMPERATURE STORED:					RELINQUISHED BY (SIGNATURE)/COMPANY		DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/COMPANY	
PRESERVATIVES ADDED: YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> TYPE:					RELINQUISHED BY (SIGNATURE)/COMPANY		DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/COMPANY	
SAMPLES ACCEPTED: YES <input checked="" type="checkbox"/> NO <input type="checkbox"/>					RELINQUISHED BY (SIGNATURE)/COMPANY		DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/COMPANY	
IF NOT, WHY:					RELINQUISHED BY (SIGNATURE)/COMPANY		DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/COMPANY	
SAMPLES PLACED IN LAB REFRIGERATOR YES <input checked="" type="checkbox"/> NO <input type="checkbox"/> REP. INITIALS: RWC					RELINQUISHED BY (SIGNATURE)/COMPANY		DATE/TIME	DATE/TIME	RECEIVED BY (SIGNATURE)/COMPANY	
LABORATORY NAME: Alpha Scientific Corp. - 16790 Gridley Rd., Cerritos, CA 90703										

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.



8300 BALDWIN STREET, OAKLAND, CA 94621

Phone: (510) 638-7188 - Fax: (510) 638-7189

Email: Sales@ArgentMaterials.com

3804

7/31/2014 7:53:01AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order :

Job # :

P.O.# :

Product : 501 STRUCTURAL BACKFILL 20.26 Ton

Carrier :

Vehicle : 9B09279C. CROCKETT (DC-3)

FR CONSTRUCTION

\$5/TON PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	72920	36.46
Tare	32400	16.20
Net	40520	20.26

Price	5.00	101.30
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.12
Total:		110.42

Weighmaster: colin j frost

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.



8300 BALDWIN STREET, OAKLAND, CA 94621

Phone: (510) 638-7188 - Fax: (510) 638-7189

Email: Sales@ArgentMaterials.com

3806

7/31/2014 7:56:15AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order :

Job # :

P.O.# :

Product : 501 STRUCTURAL BACKFILL 20.30 Ton

Carrier :

Vehicle : 9A15206C. JN TRUCKING (501)

FR CONSTRUCTION

\$5/TON PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	73120	36.56
Tare	32520	16.26
Net	40600	20.30

Price	5.00	101.50
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.14
Total:		110.64

Weighmaster: colin j frost

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.



8300 BALDWIN STREET, OAKLAND, CA 94621

Phone: (510) 638-7188 - Fax: (510) 638-7189

Email: Sales@ArgentMaterials.com

3809

7/31/2014 8:09:37AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order :

Job # :

P.O.# :

Product : 501 STRUCTURAL BACKFILL 20.46 Ton

Carrier :

Vehicle : 9E42750C. J'S TRUCKING (383)

FR CONSTRUCTION

\$5 PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	73120	36.56
Tare	32200	16.10
Net	40920	20.46

Price	5.00	102.30
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.21
Total:		111.51

Weighmaster: colin j frost

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.



8300 BALDWIN STREET, OAKLAND, CA 94621

Phone: (510) 638-7188 - Fax: (510) 638-7189

Email: Sales@ArgentMaterials.com

3810

7/31/2014 8:18:06AM

ARGENT MATERIALS

Customer 9999 Cash Customer

Order :
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL 21.55 Ton
 Carrier :
 Vehicle : 9D00217C J'S TRUCKING (217)
 FR CONSTRUCTION

\$5 PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	73880	36.94
Tare	30780	15.39
Net	43100	21.55

Price	5.00	107.75
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.70
Total:		117.45

Weighmaster: Heidi Almendarez

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.



8300 BALDWIN STREET, OAKLAND, CA 94621

Phone: (510) 638-7188 - Fax: (510) 638-7189

Email: Sales@ArgentMaterials.com

3824

7/31/2014 9:05:49AM

ARGENT MATERIALS

Customer 9999 Cash Customer

Order :
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL 20.37 Ton
 Carrier :
 Vehicle : 9B09279C, CROCKETT (DC-3)
 \$5.00/ PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	73140	36.57
Tare	32400 *	16.20 *
Net	40740	20.37

* P. T.

Price	5.00	101.85
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.17
Total:		111.02

Weighmaster: Heidi Almendarez

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.



8300 BALDWIN STREET, OAKLAND, CA 94621

Phone: (510) 638-7188 - Fax: (510) 638-7189

Email: Sales@ArgentMaterials.com

3829

7/31/2014 9:17:27AM

ARGENT MATERIALS

Customer 9999 Cash Customer

Order :
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL 20.69 Ton
 Carrier :
 Vehicle : 9A15206C, JN TRUCKING (501)
 FR CONSTRUCTION

\$5.00/ PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	73900	36.95
Tare	32520 *	16.26 *
Net	41380	20.69

* P. T.

Price	5.00	103.45
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.31
Total:		112.76

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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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3838

7/31/2014 9:41:10AM

ARGENT MATERIALS

Customer 9999 Cash Customer

Order :
Job # :
P.O.# :
Product : 501 STRUCTURAL BACKFILL 19.63 Ton
Carrier :
Vehicle : 9E42750C. J'S TRUCKING (383)
FR CONSTRUCTION
(DUMPING PEA GRAVEL)
\$5/PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	71460	35.73
Tare	32200 *	16.10 *
Net	39260	19.63

* P. T.

Price	5.00	98.15
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.83
Total:		106.98

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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3840

7/31/2014 9:45:07AM

ARGENT MATERIALS

Customer 9999 Cash Customer

Order :
Job # :
P.O.# :
Product : 501 STRUCTURAL BACKFILL 20.82 Ton
Carrier :
Vehicle : 9D00217C. J'S TRUCKING (217)
FR CONSTRUCTION
\$5.00/ PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	72380	36.19
Tare	30740	15.37
Net	41640	20.82

Price	7.00	145.74
Freight	0.00	0.00
Tax ALAMEDA	0.00	13.12
Total:		158.86

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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3845

7/31/2014 10:03:48AM

ARGENT MATERIALS

Customer 9999 Cash Customer

Order :
Job # :
P.O.# :
Product : 501 STRUCTURAL BACKFILL 19.47 Ton
Carrier :
Vehicle : 9B09279C. CROCKETT (DC-3)
DUMPING PEA GRAVEL
\$5.00/ PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	71340	35.67
Tare	32400 *	16.20 *
Net	38940	19.47

* P. T.

Price	5.00	97.35
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.76
Total:		106.11

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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3852

7/31/2014 10:22:15AM

Correction of 3851

ARGENT MATERIALS**Customer 9999****Cash Customer**

Order :

Job # :

P.O.# :

Product : 501 STRUCTURAL BACKFILL 20.05 Ton

Carrier :

Vehicle : 9A15206C, JN TRUCKING (501)

FR CONSTRUCTION

\$5.00/ PER BILL

Received : _____

COPY 2 CUSTOMER

	<u>Pounds</u>	<u>Tons</u>
Gross	72620	36.31
Tare	32520 *	16.26 *
Net	40100	20.05

* P. T.

Price	5.00	100.25
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.02
Total:		109.27

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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3875

7/31/2014 11:12:10AM

ARGENT MATERIALS**Customer 9999****Cash Customer**

Order :

Job # :

P.O.# :

Product : 501 STRUCTURAL BACKFILL 20.13 Ton

Carrier :

Vehicle : 9E42750C, J'S TRUCKING (383)

FR CONSTRUCTION
(DUMPING PEA GRAVEL)

\$5.00/PER BILL

Received : _____

COPY 2 CUSTOMER

	<u>Pounds</u>	<u>Tons</u>
Gross	72460	36.23
Tare	32200 *	16.10 *
Net	40260	20.13

* P. T.

Price	5.00	100.65
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.06
Total:		109.71

Weighmaster: Heidi Almendarez

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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3881

7/31/2014 11:35:50AM

ARGENT MATERIALS**Customer 9999****Cash Customer**

Order :

FR CONSTRUCTION

Job # :

P.O.# :

Product : 501 STRUCTURAL BACKFILL 20.11 Ton

Carrier :

Vehicle : 9B09279C, CROCKETT (DC-3)

\$5.00/ PER BILL

Received : _____

COPY 2 CUSTOMER

	<u>Pounds</u>	<u>Tons</u>
Gross	72620	36.31
Tare	32400 *	16.20 *
Net	40220	20.11

* P. T.

Price	5.00	100.55
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.05
Total:		109.60

Weighmaster: Heidi Almendarez

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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3884
7/31/2014 11:41:32AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order :
Job # :
P.O.# :
Product : 501 STRUCTURAL BACKFILL
Carrier :
Vehicle : 9D00217C J'S TRUCKING (217)

20.45 Ton

\$5.00/ PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	71640	35.82
Tare	30740 *	15.37 *
Net	40900	20.45

* P. T.

Price	5.00	102.25
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.20
Total:		111.45

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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3889
7/31/2014 11:53:56AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order :
Job # :
P.O.# :
Product : 501 STRUCTURAL BACKFILL
Carrier :
Vehicle : 9A15206C JN TRUCKING (501)
FR CONSTRUCTION

19.81 Ton

\$5.00/ PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	72140	36.07
Tare	32520 *	16.26 *
Net	39620	19.81

* P. T.

Price	5.00	99.05
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.91
Total:		107.96

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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3897
7/31/2014 12:11:37PM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order :
Job # :
P.O.# :
Product : 501 STRUCTURAL BACKFILL
Carrier :
Vehicle : 9E42750C J'S TRUCKING (383)
FR CONSTRUCTION

19.93 Ton

\$5.00/PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	72060	36.03
Tare	32200 *	16.10 *
Net	39860	19.93

* P. T.

Price	5.00	99.65
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.97
Total:		108.62

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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3907

7/31/2014 12:34:18PM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL 19.68 Ton
 Carrier :
 Vehicle : 9D00217C. J'S TRUCKING (217)

\$5.00/ PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	70100	35.05
Tare	30740 *	15.37 *
Net	39360	19.68

* P. T.

Price	5.00	98.40
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.86
Total:		107.26

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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3914

7/31/2014 12:49:22PM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order :
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL 19.81 Ton
 Carrier :
 Vehicle : 9A15206C. JN TRUCKING (501)
 FR CONSTRUCTION

\$5.00/ PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	72140	36.07
Tare	32520 *	16.26 *
Net	39620	19.81

* P. T.

Price	5.00	99.05
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.91
Total:		107.96

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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3921

7/31/2014 1:04:45PM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL 19.86 Ton
 Carrier :
 Vehicle : 9B09279C. CROCKETT (DC-3)

\$5.00/ PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	72120	36.06
Tare	32400 *	16.20 *
Net	39720	19.86

* P. T.

Price	5.00	99.30
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.94
Total:		108.24

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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3930
 7/31/2014 1:27:49PM

ARGENT MATERIALS

Customer 9999 Cash Customer

Order :
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **19.15 Ton**
 Carrier :
 Vehicle : 9E42750C, J'S TRUCKING (383)
 FR CONSTRUCTION

\$5.00/PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	70500	35.25
Tare	32200 *	16.10 *
Net	38300	19.15

* P. T.

Price	5.00	95.75
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.62
Total:		104.37

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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 Email: Sales@ArgentMaterials.com

3933
 7/31/2014 1:31:45PM

ARGENT MATERIALS

Customer 9999 Cash Customer

Order :
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **19.82 Ton**
 Carrier :
 Vehicle : 9D00217C, J'S TRUCKING (217)
 PEA GRAVEL

\$5 PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	70380	35.19
Tare	30740 *	15.37 *
Net	39640	19.82

* P. T.

Price	5.00	99.10
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.92
Total:		108.02

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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 Email: Sales@ArgentMaterials.com

3943
 7/31/2014 1:57:02PM

ARGENT MATERIALS

Customer 9999 Cash Customer

Order :
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **19.73 Ton**
 Carrier :
 Vehicle : 9A15206C, JN TRUCKING (501)
 FR CONSTRUCTION

\$5.00/ PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	71980	35.99
Tare	32520 *	16.26 *
Net	39460	19.73

* P. T.

Price	5.00	98.65
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.88
Total:		107.53

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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3949

7/31/2014 2:06:47PM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **20.88 Ton**
 Carrier :
 Vehicle : 9B09279C, CROCKETT (DC-3)

\$5.00/ PER BILL

Received : _____

COPY 2 CUSTOMER

	<u>Pounds</u>	<u>Tons</u>
Gross	74160	37.08
Tare	32400 *	16.20 *
Net	41760	20.88

* P. T.

Price	5.00	104.40
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.40
Total:		113.80

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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 Email: Sales@ArgentMaterials.com

3957

7/31/2014 2:25:00PM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order :
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **20.33 Ton**
 Carrier :
 Vehicle : 9E42750C, J'S TRUCKING (383)
 FR CONSTRUCTION

\$5.00/PER BILL

Received : _____

COPY 2 CUSTOMER

	<u>Pounds</u>	<u>Tons</u>
Gross	72860	36.43
Tare	32200 *	16.10 *
Net	40660	20.33

* P. T.

Price	5.00	101.65
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.15
Total:		110.80

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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 Email: Sales@ArgentMaterials.com

3964

7/31/2014 2:45:00PM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **20.02 Ton**
 Carrier :
 Vehicle : 9D00217C, J'S TRUCKING (217)

\$5 PER BILL

Received : _____

COPY 2 CUSTOMER

	<u>Pounds</u>	<u>Tons</u>
Gross	70780	35.39
Tare	30740 *	15.37 *
Net	40040	20.02

* P. T.

Price	5.00	100.10
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.01
Total:		109.11

Weighmaster: Heidi Almendarez

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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Phone: (510) 638-7188 - Fax: (510) 638-7189
Email: Sales@ArgentMaterials.com

3970

7/31/2014 2:59:12PM

ARGENT MATERIALS

Customer 9999 Cash Customer

Order :
Job # :
P.O.# :
Product : 501 STRUCTURAL BACKFILL 19.53 Ton
Carrier :
Vehicle : 9A15206C, JN TRUCKING (501)
FR CONSTRUCTION

\$5.00/ PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	71580	35.79
Tare	32520 *	16.26 *
Net	39060	19.53

* P. T.

Price	5.00	97.65
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.79
Total:		106.44

Weighmaster: Heidi Almendarez

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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Email: Sales@ArgentMaterials.com

3976

7/31/2014 3:12:35PM

ARGENT MATERIALS

Customer 9999 Cash Customer

Order :
Job # :
P.O.# :
Product : 501 STRUCTURAL BACKFILL 20.52 Ton
Carrier :
Vehicle : 9B09279C, CROCKETT (DC-3)

\$5/ PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	73440	36.72
Tare	32400 *	16.20 *
Net	41040	20.52

* P. T.

Price	5.00	102.60
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.23
Total:		111.83

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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Phone: (510) 638-7188 - Fax: (510) 638-7189
Email: Sales@ArgentMaterials.com

3978

7/31/2014 3:22:48PM

ARGENT MATERIALS

Customer 9999 Cash Customer

Order :
Job # :
P.O.# :
Product : 501 STRUCTURAL BACKFILL 20.68 Ton
Carrier :
Vehicle : 9E42750C, J'S TRUCKING (383)
FR CONSTRUCTION

\$5/PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	73560	36.78
Tare	32200 *	16.10 *
Net	41360	20.68

* P. T.

Price	5.00	103.40
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.31
Total:		112.71

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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3981
 7/31/2014 3:42:42PM

ARGENT MATERIALS

Customer 9999 Cash Customer
 Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **20.51 Ton**
 Carrier :
 Vehicle : 9D00217C. J'S TRUCKING (217)

\$5.00/ PER BILL

Received : _____

COPY 2 CUSTOMER

	<u>Pounds</u>	<u>Tons</u>
Gross	71760	35.88
Tare	30740 *	15.37 *
Net	41020	20.51

* P. T.

Price	5.00	102.55
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.23
Total:		111.78

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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3987
 7/31/2014 4:06:08PM

ARGENT MATERIALS

Customer 9999 Cash Customer
 Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **20.29 Ton**
 Carrier :
 Vehicle : 9A15206C. JN TRUCKING (501)

\$5.00/PER BILL

Received : _____

COPY 2 CUSTOMER

	<u>Pounds</u>	<u>Tons</u>
Gross	73100	36.55
Tare	32520 *	16.26 *
Net	40580	20.29

* P. T.

Price	5.00	101.45
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.13
Total:		110.58

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4008
 8/1/2014 7:45:48AM

ARGENT MATERIALS

Customer 9999 Cash Customer
 Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **19.96 Ton**
 Carrier :
 Vehicle : 9B09279C. CROCKETT (DC-3)

\$5 PER BILL

Received : _____

COPY 2 CUSTOMER

	<u>Pounds</u>	<u>Tons</u>
Gross	72320	36.16
Tare	32400 *	16.20 *
Net	39920	19.96

* P. T.

Price	5.00	99.80
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.98
Total:		108.78

Weighmaster: colin j frost

WEIGHMASTER CERTIFICATE

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4011
8/1/2014 8:00:45AM

ARGENT MATERIALS

Customer 9999 Cash Customer

Order :
Job # :
P.O.# :
Product : 501 STRUCTURAL BACKFILL 20.34 Ton
Carrier :
Vehicle : 9E42750C. J'S TRUCKING (383)

\$5.00 PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	72880	36.44
Tare	32200 *	16.10 *
Net	40680	20.34

* P. T.

Price	5.00	101.70
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.15
Total:		110.85

Weighmaster: colin j frost

WEIGHMASTER CERTIFICATE

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4016
8/1/2014 8:07:08AM

ARGENT MATERIALS

Customer 9999 Cash Customer

Order :
Job # :
P.O.# :
Product : 501 STRUCTURAL BACKFILL 19.52 Ton
Carrier :
Vehicle : 9D00217C. J'S TRUCKING (217)

\$5 PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	69780	34.89
Tare	30740 *	15.37 *
Net	39040	19.52

* P. T.

Price	5.00	97.60
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.78
Total:		106.38

Weighmaster: colin j frost

WEIGHMASTER CERTIFICATE

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4025
8/1/2014 8:32:09AM

ARGENT MATERIALS

Customer 9999 Cash Customer

Order :
Job # :
P.O.# :
Product : 501 STRUCTURAL BACKFILL 19.25 Ton
Carrier :
Vehicle : 9B09279C. CROCKETT (DC-3)

\$5 PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	70900	35.45
Tare	32400 *	16.20 *
Net	38500	19.25

* P. T.

Price	5.00	96.25
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.66
Total:		104.91

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4030

8/1/2014 8:39:25AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL
 Carrier :
 Vehicle : 9A79023C, KAHLON TRUCKING (95)

19.49 Ton

\$5.00/ PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	70160	35.08
Tare	31180 *	15.59 *
Net	38980	19.49

* P. T.

Price	5.00	97.45
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.77
Total:		106.22

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4034

8/1/2014 8:52:17AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL
 Carrier :
 Vehicle : 9E42750C, J'S TRUCKING (383)

20.05 Ton

\$5.00 PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	72300	36.15
Tare	32200 *	16.10 *
Net	40100	20.05

* P. T.

Price	5.00	100.25
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.02
Total:		109.27

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4041

8/1/2014 9:09:10AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL
 Carrier :
 Vehicle : 9D00217C, J'S TRUCKING (217)

20.97 Ton

\$5.00 PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	72680	36.34
Tare	30740 *	15.37 *
Net	41940	20.97

* P. T.

Price	5.00	104.85
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.44
Total:		114.29

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4046

8/1/2014 9:19:04AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION

Job # :

P.O.# :

Product : 501 STRUCTURAL BACKFILL **19.87 Ton**

Carrier :

Vehicle : 9B09279C. CROCKETT (DC-3)

	Pounds	Tons
Gross	72140	36.07
Tare	32400 *	16.20 *
Net	39740	19.87

* P. T.

Price	5.00	99.35
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.94
Total:		108.29

\$5.00 PER BILL

Received : _____

COPY 2 CUSTOMER

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4060

8/1/2014 9:48:21AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION

Job # :

P.O.# :

Product : 501 STRUCTURAL BACKFILL **18.06 Ton**

Carrier :

Vehicle : 9A79023C. KAHLON TRUCKING (95)

	Pounds	Tons
Gross	67300	33.65
Tare	31180 *	15.59 *
Net	36120	18.06

* P. T.

Price	5.00	90.30
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.13
Total:		98.43

\$5/ PER BILL

Received : _____

COPY 2 CUSTOMER

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4062

8/1/2014 9:53:21AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION

Job # :

P.O.# :

Product : 501 STRUCTURAL BACKFILL **20.06 Ton**

Carrier :

Vehicle : 9E42750C. J'S TRUCKING (383)

	Pounds	Tons
Gross	72320	36.16
Tare	32200 *	16.10 *
Net	40120	20.06

* P. T.

Price	5.00	100.30
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.03
Total:		109.33

\$5.00 PER BILL

Received : _____

COPY 2 CUSTOMER

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4064

8/1/2014 10:05:33AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **20.41 Ton**
 Carrier :
 Vehicle : 9D00217C. J'S TRUCKING (217)

\$5.00 PER BILL

Received : _____

COPY 2 CUSTOMER

	<u>Pounds</u>	<u>Tons</u>
Gross	71560	35.78
Tare	30740 *	15.37 *
Net	40820	20.41

* P. T.

Price	5.00	102.05
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.18
Total:		111.23

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4073

8/1/2014 10:26:45AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **20.02 Ton**
 Carrier :
 Vehicle : 9B09279C. CROCKETT (DC-3)

\$5.00 PER BILL

Received : _____

COPY 2 CUSTOMER

	<u>Pounds</u>	<u>Tons</u>
Gross	72440	36.22
Tare	32400 *	16.20 *
Net	40040	20.02

* P. T.

Price	5.00	100.10
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.01
Total:		109.11

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4083

8/1/2014 10:56:14AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **19.50 Ton**
 Carrier :
 Vehicle : 9E42750C. J'S TRUCKING (383)

\$5.00 PER BILL

Received : _____

COPY 2 CUSTOMER

	<u>Pounds</u>	<u>Tons</u>
Gross	71200	35.60
Tare	32200 *	16.10 *
Net	39000	19.50

* P. T.

Price	5.00	97.50
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.78
Total:		106.28

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4090
 8/1/2014 11:08:21AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **19.91 Ton**
 Carrier :
 Vehicle : 9D00217C. J'S TRUCKING (217)

\$5.00 PER BILL

Received : _____

COPY 2 CUSTOMER

	<u>Pounds</u>	<u>Tons</u>
Gross	70560	35.28
Tare	30740 *	15.37 *
Net	39820	19.91

* P. T.

Price	5.00	99.55
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.96
Total:		108.51

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4100
 8/1/2014 11:34:06AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **18.99 Ton**
 Carrier :
 Vehicle : 9A79023C. KAHN TRUCKING (95)

\$5/ PER BILL

Received : _____

COPY 2 CUSTOMER

	<u>Pounds</u>	<u>Tons</u>
Gross	69160	34.58
Tare	31180 *	15.59 *
Net	37980	18.99

* P. T.

Price	5.00	94.95
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.55
Total:		103.50

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4106
 8/1/2014 11:44:20AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **18.65 Ton**
 Carrier :
 Vehicle : 9B09279C. CROCKETT (DC-3)

\$5.00/PER BILL

Received : _____

COPY 2 CUSTOMER

	<u>Pounds</u>	<u>Tons</u>
Gross	69700	34.85
Tare	32400 *	16.20 *
Net	37300	18.65

* P. T.

Price	5.00	93.25
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.39
Total:		101.64

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4120

8/1/2014 12:15:08PM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL 18.92 Ton
 Carrier :
 Vehicle : 9E42750C, J'S TRUCKING (383)

\$5.00 PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	70040	35.02
Tare	32200 *	16.10 *
Net	37840	18.92

* P. T.

Price	5.00	94.60
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.51
Total:		103.11

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4127

8/1/2014 12:34:34PM

Correction of 4126

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL 20.17 Ton
 Carrier :
 Vehicle : 9D00217C, J'S TRUCKING (217)

\$5.00 PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	71080	35.54
Tare	30740 *	15.37 *
Net	40340	20.17

* P. T.

Price	5.00	100.85
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.08
Total:		109.93

Weighmaster: Esperanza Manzanarez

WEIGHMASTER CERTIFICATE

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Email: Sales@ArgentMaterials.com

4134

8/1/2014 12:55:40PM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL 19.92 Ton
 Carrier :
 Vehicle : 9B09279C, CROCKETT (DC-3)

\$5.00/PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	72240	36.12
Tare	32400 *	16.20 *
Net	39840	19.92

* P. T.

Price	5.00	99.60
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.96
Total:		108.56

Weighmaster: Esperanza Manzanarez

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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4136
 8/1/2014 1:03:51PM

ARGENT MATERIALS

Customer 9999 Cash Customer
 Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **17.79 Ton**
 Carrier :
 Vehicle : 9E42750C, J'S TRUCKING (383)
 PEA GRAVEL DUMP
 \$100 PER BILL

	<u>Pounds</u>	<u>Tons</u>
Gross	67780	33.89
Tare	32200 *	16.10 *
Net	35580	17.79

* P. T.

Price	5.00	88.95
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.01
Total:		96.96

Received : _____

COPY 2 CUSTOMER

Weighmaster: Esperanza Manzanarez

WEIGHMASTER CERTIFICATE

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4142
 8/1/2014 1:21:49PM

ARGENT MATERIALS

Customer 9999 Cash Customer
 Order : FR CONSTRUCTION
 Job # : PEA GRAVEL DUMP
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **19.33 Ton**
 Carrier :
 Vehicle : 9D00217C, J'S TRUCKING (217)
 \$5.00 PER BILL

	<u>Pounds</u>	<u>Tons</u>
Gross	69400	34.70
Tare	30740 *	15.37 *
Net	38660	19.33

* P. T.

Price	5.00	96.65
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.70
Total:		105.35

Received : _____

COPY 2 CUSTOMER

Weighmaster: Esperanza Manzanarez

WEIGHMASTER CERTIFICATE

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4145
 8/1/2014 1:29:50PM

ARGENT MATERIALS

Customer 9999 Cash Customer
 Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **19.76 Ton**
 Carrier :
 Vehicle : 9B09279C, CROCKETT (DC-3)
 \$5.00/PER BILL

	<u>Pounds</u>	<u>Tons</u>
Gross	71920	35.96
Tare	32400 *	16.20 *
Net	39520	19.76

* P. T.

Price	5.00	98.80
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.89
Total:		107.69

Received : _____

COPY 2 CUSTOMER

Weighmaster: Heidi Alexander

WEIGHMASTER CERTIFICATE

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4150

8/1/2014 1:47:11PM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
Job # :
P.O.# :
Product : 501 STRUCTURAL BACKFILL 19.00 Ton
Carrier :
Vehicle : 9E42750C, J'S TRUCKING (383)

\$5.00/ PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	70200	35.10
Tare	32200 *	16.10 *
Net	38000	19.00

* P. T.

Price	5.00	95.00
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.55
Total:		103.55

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4154

8/1/2014 2:03:13PM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
Job # :
P.O.# :
Product : 501 STRUCTURAL BACKFILL 20.05 Ton
Carrier :
Vehicle : 9D00217C, J'S TRUCKING (217)

\$5.00 PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	70840	35.42
Tare	30740 *	15.37 *
Net	40100	20.05

* P. T.

Price	5.00	100.25
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.02
Total:		109.27

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4157

8/1/2014 2:11:46PM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
Job # :
P.O.# :
Product : 501 STRUCTURAL BACKFILL 20.21 Ton
Carrier :
Vehicle : 9B09279C, CROCKETT (DC-3)

\$5.00/PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	72820	36.41
Tare	32400 *	16.20 *
Net	40420	20.21

* P. T.

Price	5.00	101.05
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.09
Total:		110.14

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4164
8/1/2014 2:38:31PM

ARGENT MATERIALS

Customer 9999 Cash Customer
Order : FR CONSTRUCTION
Job # :
P.O.# :
Product : 501 STRUCTURAL BACKFILL
Carrier :
Vehicle : 9A79023C, KAHLON TRUCKING (95)

20.82 Ton

\$5.00/PER BILL

Received : _____

COPY 2 CUSTOMER

	<u>Pounds</u>	<u>Tons</u>
Gross	72780	36.39
Tare	31140	15.57
Net	41640	20.82

Price	5.00	104.10
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.37
Total:		113.47

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4167
8/1/2014 2:47:41PM

ARGENT MATERIALS

Customer 9999 Cash Customer
Order : FR CONSTRUCTION
Job # :
P.O.# :
Product : 501 STRUCTURAL BACKFILL
Carrier :
Vehicle : 9E42750C, J'S TRUCKING (383)

20.19 Ton

\$5.00/ PER BILL

Received : _____

COPY 2 CUSTOMER

	<u>Pounds</u>	<u>Tons</u>
Gross	72580	36.29
Tare	32200 *	16.10 *
Net	40380	20.19

* P. T.

Price	5.00	100.95
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.09
Total:		110.04

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4168
8/1/2014 2:52:03PM

ARGENT MATERIALS

Customer 9999 Cash Customer
Order : FR CONSTRUCTION
Job # :
P.O.# :
Product : 501 STRUCTURAL BACKFILL
Carrier :
Vehicle : 9D00217C, J'S TRUCKING (217)

20.00 Ton

\$5.00 PER BILL

Received : _____

	<u>Pounds</u>	<u>Tons</u>
Gross	70740	35.37
Tare	30740 *	15.37 *
Net	40000	20.00

* P. T.

Price	5.00	100.00
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.00
Total:		109.00

WEIGHMASTER CERTIFICATE

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4584

8/6/2014 8:16:06AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL 20.76 Ton
 Carrier :
 Vehicle : 9B09279C, CROCKETT (DC-3)

\$5.00/ PER GREG

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	73920	36.96
Tare	32400 *	16.20 *
Net	41520	20.76

* P. T.

Price	5.00	103.80
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.34
Total:		113.14

Weighmaster: colin j frost

WEIGHMASTER CERTIFICATE

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4598

8/6/2014 9:06:36AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL 19.69 Ton
 Carrier :
 Vehicle : 9A79023C, KAHLON TRUCKING (95)
 \$5.00 A TON/ PER BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	70520	35.26
Tare	31140 *	15.57 *
Net	39380	19.69

* P. T.

Price	5.00	98.45
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.86
Total:		107.31

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4611

8/6/2014 9:36:32AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL 19.64 Ton
 Carrier :
 Vehicle : 9B09279C, CROCKETT (DC-3)

\$5.00/ PER GREG & BILL

Received : _____

COPY 2 CUSTOMER

	Pounds	Tons
Gross	71680	35.84
Tare	32400 *	16.20 *
Net	39280	19.64

* P. T.

Price	5.00	98.20
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.84
Total:		107.04

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4623

8/6/2014 10:11:19AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL 19.73 Ton
 Carrier :
 Vehicle : 9A79023C, KAHLON TRUCKING (95)
 \$5.00 A TON/ PER BILL

	Pounds	Tons
Gross	70600	35.30
Tare	31140 *	15.57 *
Net	39460	19.73

* P. T.

Price	5.00	98.65
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.88
Total:		107.53

Received: _____

COPY 2 CUSTOMER

Weighmaster: Heidi Almendarez

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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4638

8/6/2014 10:56:57AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL 20.23 Ton
 Carrier :
 Vehicle : 9B09279C, CROCKETT (DC-3)
 \$5.00/ PER GREG & BILL

	Pounds	Tons
Gross	72860	36.43
Tare	32400 *	16.20 *
Net	40460	20.23

* P. T.

Price	5.00	101.15
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.10
Total:		110.25

Received: _____

COPY 2 CUSTOMER

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4655

8/6/2014 11:52:40AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL 18.81 Ton
 Carrier :
 Vehicle : 9A79023C, KAHLON TRUCKING (95)
 \$5.00.00/ PER BILL

	Pounds	Tons
Gross	68760	34.38
Tare	31140 *	15.57 *
Net	37620	18.81

* P. T.

Price	5.00	94.05
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.46
Total:		102.51

Received: _____

COPY 2 CUSTOMER

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4662

8/6/2014 12:14:04PM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL 19.52 Ton
 Carrier :
 Vehicle : 9B09279C. CROCKETT (DC-3)

\$5.00/ PER GREG & BILL

Received : _____

COPY 2 CUSTOMER

	<u>Pounds</u>	<u>Tons</u>
Gross	71440	35.72
Tare	32400 *	16.20 *
Net	39040	19.52

* P. T.

Price	5.00	97.60
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.78
Total:		106.38

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4681

8/6/2014 1:16:49PM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL 19.48 Ton
 Carrier :
 Vehicle : 9A79023C. KAHLON TRUCKING (95)
 \$5.00.00/ PER BILL

Received : _____

COPY 2 CUSTOMER

	<u>Pounds</u>	<u>Tons</u>
Gross	70100	35.05
Tare	31140 *	15.57 *
Net	38960	19.48

* P. T.

Price	5.00	97.40
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.77
Total:		106.17

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4696

8/6/2014 2:08:06PM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : FR CONSTRUCTION
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL 19.59 Ton
 Carrier :
 Vehicle : 9B09279C. CROCKETT (DC-3)

\$5.00/ PER GREG & BILL

Received : _____

COPY 2 CUSTOMER

	<u>Pounds</u>	<u>Tons</u>
Gross	71580	35.79
Tare	32400 *	16.20 *
Net	39180	19.59

* P. T.

Price	5.00	97.95
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.82
Total:		106.77

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4711

8/6/2014 2:59:54PM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order :
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **17.98 Ton**
 Carrier :
 Vehicle : 9A79023C, KAHLON TRUCKING (95)
 \$5.00/ PER BILL

	<u>Pounds</u>	<u>Tons</u>
Gross	67100	33.55
Tare	31140 *	15.57 *
Net	35960	17.98

* P. T.

Price	5.00	89.90
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.09
Total:		97.99

Received : _____

COPY 2 CUSTOMER

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4722

8/6/2014 3:48:39PM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order :
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **19.58 Ton**
 Carrier :
 Vehicle : 9B09279C, CROCKETT (DC-3)
 \$5.00/ PER GREG & BILL

	<u>Pounds</u>	<u>Tons</u>
Gross	71560	35.78
Tare	32400 *	16.20 *
Net	39160	19.58

* P. T.

Price	5.00	97.90
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.81
Total:		106.71

Received : _____

COPY 2 CUSTOMER

Weighmaster: Heidi Almendarez

WEIGHMASTER CERTIFICATE

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4874

8/8/2014 7:55:51AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order :
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **19.77 Ton**
 Carrier :
 Vehicle : 9D26720C, GREG'S TRUCKING
 FR CONSTRUCTION
 \$5.00 PER GREG

	<u>Pounds</u>	<u>Tons</u>
Gross	71980	35.99
Tare	32440	16.22
Net	39540	19.77

Price	5.00	98.85
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.90
Total:		107.75

Received : _____

COPY 2 CUSTOMER

Weighmaster: Colin Frost

WEIGHMASTER CERTIFICATE

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 Phone: (510) 638-7188 - Fax: (510) 638-7189
 Email: Sales@ArgentMaterials.com

4907
 8/8/2014 10:22:48AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : S.G TRUCKING (E-01)
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **20.01 Ton**
 Carrier :
 Vehicle : 9D26720C GREG'S TRUCKING
 FR CONSTRUCTION
 \$5.00 PER GREG/ BILL

	<u>Pounds</u>	<u>Tons</u>
Gross	72460	36.23
Tare	32440 *	16.22 *
Net	40020	20.01

* P. T.

Price	5.00	100.05
Freight	0.00	0.00
Tax ALAMEDA	0.00	9.00
Total:		109.05

Received : _____

COPY 2 CUSTOMER

Weighmaster: Heidi Almendarez

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.



8300 BALDWIN STREET, OAKLAND, CA 94621
 Phone: (510) 638-7188 - Fax: (510) 638-7189
 Email: Sales@ArgentMaterials.com

4882
 8/8/2014 9:09:17AM

ARGENT MATERIALS

Customer 9999

Cash Customer

Order : S.G TRUCKING (E-01)
 Job # :
 P.O.# :
 Product : 501 STRUCTURAL BACKFILL **19.70 Ton**
 Carrier :
 Vehicle : 9D26720C GREG'S TRUCKING
 FR CONSTRUCTION
 \$5.00 PER GREG/ BILL

	<u>Pounds</u>	<u>Tons</u>
Gross	71840	35.92
Tare	32440 *	16.22 *
Net	39400	19.70

* P. T.

Price	5.00	98.50
Freight	0.00	0.00
Tax ALAMEDA	0.00	8.87
Total:		107.37

Received : _____

COPY 2 CUSTOMER

Weighmaster: Heidi Almendarez