



ENVIRONMENTAL • GEOTECHNICAL
BUILDING SCIENCES • MATERIALS TESTING

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September 26, 2016

Ms. Karel Detterman
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

RECEIVED

By Alameda County Environmental Health 9:17 am, Sep 27, 2016

Subject: Interim Remedial Action Report
580 Market Place Shopping Center
3735-4065 East Castro Valley Boulevard
Castro Valley, California
ACEH Case No. RO000309
ATC Project No. Z075000152

Dear Ms. Detterman:

On behalf of Weingarten Realty, ATC Group Services LLC (ATC) has prepared the attached Interim Remedial Action Report to summarize recent activities associated with a remedial action excavation at the 580 Market Place Shopping Center in Castro Valley, California.

If you have questions or comments regarding this work plan, please contact Gabe Stivala at 925-223-7123 or gabe.stivala@atcassociates.com.

Sincerely,



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WEINGARTEN REALTY

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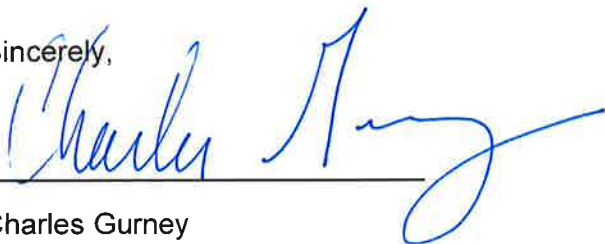
Mr. Gabe Stivala, P.G
ATC Group Services LLC
701 University Drive, Suite 200
Sacramento, CA 95825

SUBJECT Interim Remedial Action Report
Dry Clean 580 and Adjacent Retail Units
3735 East Castro Valley Boulevard
Alameda County LOP No. RO 3097

Dear Mr. Stivala:

I have reviewed and approved the subject report. Please submit it to the regulatory agencies listed in the distribution section of the report. Should any of the agencies require it, I am prepared to declare, under penalty of perjury, that to the best of my knowledge, the information contained in the report is true and correct.

Sincerely,



Charles Gurney

Weingarten Realty Investors

2600 Citadel Plaza Drive, Suite 300

Houston, Texas 77008

Date: 9/26/16

People-to-People. Coast-to-Coast.

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Interim Remedial Action Report

**580 Market Place Shopping Center
3735–4065 East Castro Valley Boulevard
Castro Valley, California
ACEH Case No. RO0003097**

Submitted to:

Ms. Karel Detterman
Alameda County Environmental Health
1131 Harbor Bay Parkway, Suite 250
Alameda, California 94502

Prepared on Behalf of:

Mr. Charles Gurney
Weingarten Realty Investors
2600 Citadel Plaza Drive, Suite 300
Houston, Texas 77008

Submitted by:

ATC Group Services LLC
915 Highland Pointe Drive, Suite # 250
Roseville, California 95678

ATC Project No. 1191600012

September 26, 2016

TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	PROPOSED OBJECTIVE AND SCOPE OF WORK.....	1
3.0	PRE-FIELD ACTIVITIES	1
3.1	Permits, Notifications, and Utility Clearance	1
3.2	Health and Safety.....	2
4.0	FIELD ACTIVITIES.....	2
4.1	Vapor Monitoring Well Destruction	2
4.2	SITE SECURITY	2
4.3	AIR MONITORING AND DUST CONTROL.....	2
4.3.1	Vapor and Dust Control.....	3
4.4	REMEDIAL EXCAVATION.....	3
4.4.1	Confirmation Sampling.....	4
4.4.2	Laboratory Results	4
4.5	EXCAVATION BACKFILLING AND RESTORATION	4
4.6	Vapor Sump Installation.....	5
5.0	CONCLUSIONS AND RECOMMENDATIONS	5

Figure 1 – Site Vicinity Map

Figure 2 – Site Plan with Soil Analytical Data for PCE and Excavation Extent

Figure 3 – Vapor Sump Detail

Table 1 – Soil Analytical Results

Appendix A – Work Plan Approval Email from ACEH

Appendix B – Well Destruction Permit

Appendix C – Fact Sheet

Appendix D – Waste Disposal Manifests

Appendix E – Laboratory Analytical Reports



1.0 INTRODUCTION

On behalf of Weingarten Realty, ATC Group Services LLC (ATC) has prepared this Interim Remedial Action Report to summarize activities associated with the recently performed remedial action excavation at the 580 Market Place Shopping Center in Castro Valley, California (**Figure 1**). The excavation activities were performed in accordance with ATC's *Revised Remedial Excavation Work Plan*, submitted to the Alameda County Environmental Health (ACEH) on August 10, 2016; the work plan was approved via email by the ACEH on August 12, 2016. A copy of the approval email is included in **Appendix A**. Also summarized in this report are activities not included in the work plan including destruction of one soil vapor well, and the installation of a vapor sump within the excavation backfill.

The remedial excavation was performed in response to vapor intrusion risks identified during the investigation of the subsurface chlorinated hydrocarbon release at the DryClean 580 dry cleaning facility on the subject property. The conceptual excavation scope was initially presented in a meeting with the ACEH on January 13, 2016. The ACEH concurred that excavation was an appropriate interim action to address vapor intrusion risks for this case.

2.0 PROPOSED OBJECTIVE AND SCOPE OF WORK

The objective of the excavation was to remove, to the extent practicable, shallow soil (0 to 4 feet below ground surface (bgs) with the highest reported tetrachloroethene (PCE) concentrations in an effort to reduce the mass of PCE and other volatile organic compounds (VOCs) in the vicinity of occupied tenant spaces at the site. The excavated contaminant mass is a potential contributor to vapor phase VOCs at the site, and through removal, vapor intrusion risks could potentially be reduced. Although impacts have been reported in deeper soil, the proposed excavation was limited to a maximum depth of four feet bgs. The rationale for limiting the excavation depth was three-fold; 1) a deeper excavation could be a risk to the integrity of the structure to the north and the large utility corridor to the south, 2) previously reported soil results generally appeared to attenuate with increased depths, and 3) it is generally accepted that the ability of vapors to migrate vertically is inhibited with increased overburden with depth, and therefore deeper impacts likely have lower risk for vapor intrusion. The extent of the excavation is shown on **Figure 2**.

The implemented scope is described in detail in the following sections of this report.

3.0 PRE-FIELD ACTIVITIES

3.1 Permits, Notifications, and Utility Clearance

Due to the relatively small size of the excavation, no excavation or grading permits were necessary from the City of Castro Valley or any other entity.

A well destruction permit was acquired from the Alameda County Department of Public Works (ACDPW) for the destruction of vapor monitoring wells V-23A and V23-B. A copy of the permit is included in **Appendix B**.

As requested by the ACEH, ATC prepared a Fact Sheet for distribution to tenants within 580 Market Place Shopping Center. The fact sheet was submitted to the ACEH and approved by the ACEH on August 12, 2016, prior to distribution. A copy of the Fact Sheet is included in **Appendix C**.

In addition to notifying tenants via Fact Sheet distribution, a representative from Weingarten, the property owner, personally contacted tenants most likely to be impacted by the work scope.



Utility Company Notification

Prior to performing excavation and drilling, ATC marked the work area and notified Underground Service Alert (USA North), who notified utility companies with facilities in the vicinity of the proposed work area. Utility companies with facilities in the vicinity of the proposed excavation then marked locations of utility lines. Additionally, a private utility surveyor was contracted to survey the proposed excavation area for the presence of subsurface utilities and features.

3.2 Health and Safety

ATC prepared and implemented a site-specific Health and Safety Plan (HASP) for this project based on the scope of work and the potential project-specific hazards. All individuals working for ATC or subcontracted to ATC were required to review and sign the HASP prior beginning work to acknowledge their understanding of the information contained within.

4.0 FIELD ACTIVITIES

4.1 Vapor Monitoring Well Destruction

On August 19, 2016, prior to excavation, under contract to ATC, Gregg Drilling and Testing, Inc., a C-57 license driller, destroyed vapor monitoring well VS-23A and VS-23. The wells were located within the proposed excavation area requiring removal prior to commencement of excavation. The two vapor wells were nested within the same borehole, and therefore were destroyed simultaneously. The wells were destroyed by over drilling the borehole to its maximum depth of 15 feet bgs. The over drilling process removed well materials and sand pack from the borehole. Recovered materials were stored in a 55-gallon drum for future disposal. The borehole was then backfilled using cement grout from the total depth to the surface. Grouting was observed by an ACDPW inspector. The destruction was performed under permit from the ACDPW with approval from the ACEH.

The drum of well destruction materials was transported and disposed of by American Integrated Services, Inc. (AIS) as non-hazardous solid waste at Potrero Hills Landfilling in Suisun, California. The waste manifest is included in **Appendix D**.

4.2 SITE SECURITY

ATC implemented engineering controls to protect the health and safety of on-site workers and the public throughout the duration of the project. During work hours, ATC was responsible for controlling unauthorized access to the work area. Authorized site visitors entering the active work were required to participate in a site safety orientation, review job safety analysis as necessary, and review and sign the HASP. Only authorized visitors were allowed to enter the work area. Additionally, a chain-link fence was erected around the work area and locked during non-working hours.

4.3 AIR MONITORING AND DUST CONTROL

ATC conducted monitoring of organic vapor concentrations to control worker exposure and off-site emissions during excavation activities. Air monitoring was performed throughout the day in the work zone using a photoionization detector (PID). The monitoring data was used to evaluate the need to upgrade personal protective equipment (PPE) in accordance with the HASP, and help determine if additional environmental controls were needed to reduce air emissions from the site. Perimeter monitoring was performed using stationary dust meters and PIDs at two locations the on opposite sides of the work area to monitor air emissions.

Baseline conditions were established for all monitored parameters at the beginning of each work day. Air monitoring data was recorded and reviewed throughout the workday by ATC personnel and compared



against action levels defined in ATC's *Airborne Monitoring, Personal Protective Equipment & Exposure Control Protocol*. Monitoring data was reviewed at the end of each day by an ATC Certified Industrial Hygienist. No action levels were exceeded during the project and at no time during the project did monitoring data indicate the need for an increased level of PPE. All work was completed in level D PPE. All perimeter monitoring data were within acceptable limits.

4.3.1 Vapor and Dust Control

To reduced potential for vapor, the following measures were implemented:

- Soil was direct loaded into soil bins with retractable tops. At the end of each day, bins were covered.
- Drop heights were minimized while loading soil;
- Vapor suppressing agents were available, but were not needed at any time based on monitoring data.
- Soil was sprayed regularly with water to suppress dust during excavation.

4.4 REMEDIAL EXCAVATION

Remedial excavation activities occurred on August 24 and 25, 2016. ATC contracted and directed AIS to perform the excavation. Prior to excavating soil, asphalt over the area to be excavated was saw cut, removed, and disposed of as clean recyclable debris. Soil was excavated using a mini-excavator, with some hand digging in the vicinity of the sanitary sewer piping in the northwestern portion of the excavation. Excavated soils were directly loaded into the plastic-lined 18-yard capacity roll-off bins pre-staged directly adjacent to the excavation area. As the bins were filled they were secured with hard top covers, rolled into the temporary bin storage area utilizing a skid-steer loader; an empty bin was adjacent to the excavation area for additional loading. The sequence was repeated with additional bins as needed. Upon completing work each day, a temporary chain link fence was secured around the work area. A total of approximately 60 tons of soil was excavated all of which were transported by AIS and disposed of as non-hazardous solid waste at Potrero Hills Landfill in Suisun California. Waste disposal manifests are included in **Appendix D**.

The proposed excavation area was based on the cumulative historic soil data collected at the site. The main target area was boring CB-12, which had the site's maximum reported PCE concentration in soil (16 milligrams per kilogram [mg/kg] at 2 feet bgs). This area was believed to be the likely source of chlorinated hydrocarbon vapors reported in sub-slab vapor samples collected beneath nearby tenant units. The proposed excavation area was also designed to include soil around the sanitary sewer line that exits the rear of the building housing the dry cleaning facility. Though there was no data indicating the sanitary sewer is a potential source, sanitary sewers are a frequent release point or conduit for chlorinated hydrocarbon contamination at dry cleaning facilities, therefore excavation included excavating fill around the sanitary sewer to verify whether it is a potential additional source of impacts at the site.

The remedial goal was to excavate shallow soil within the proposed excavation area to a PCE concentration of 0.1 mg/kg as determined by laboratory analysis of sidewall and excavation bottom confirmation samples. The excavation was guided using a PID capable of measuring to 1.0 parts per billion (ppb). For excavation field screening, a 500 ppb measurement on the PID was originally proposed in the work plan as a limit for excavation definition. However, based on initial PID readings of soil for which previous analytical data were available, the 500 ppb guidance was determined to be too low as a guidance number and was adjusted to 10 parts per million (ppm). This was later confirmed through a comparison of recorded PID measurements with reported laboratory data.

The maximum depth of excavation was five (5) feet bgs. The work plan stated the depth of the excavation would be limited to a maximum depth of four (4) feet bgs due to the concern that deeper excavation may undermine adjacent structures and utilities. However, in the center and northwestern portion of the excavation, the depth was increased to five (5) feet bgs where bottom PID readings exceeded 10 ppm.

Excavation in the vicinity of the sanitary sewer was completed while keeping the sanitary sewer piping intact. The main sanitary sewer pipe is located at a depth of approximately five (5) feet bgs, which was



below the maximum depth of excavation. However, the pipe was uncovered by hand digging to allow for observation of the pipe and collection of a soil sample (A-2, 5'2") adjacent to the drain rock in which the pipe was positioned. The pipe was observed to be in good condition. Additionally, the sanitary sewer lateral extending westward from the main sanitary sewer line clean out was uncovered within the excavation limits, while kept intact, and soil beneath it was removed. This lateral is positioned approximately two (2) feet below grade.

4.4.1 Confirmation Sampling

During and following completion of the excavation, a total of 35 confirmation soil samples were collected from the excavation sidewalls and bottom. Additional samples were collected adjacent to sanitary sewer line, cleanout, and lateral. Samples were collected using hand tools or from an excavator bucket. Side wall samples were collected at depths of two (2) feet and four (4) feet bgs, and from five (5) feet bgs in the areas where the depth of the excavation was increased. The sidewall samples were generally collected on a horizontal spacing of five (5) feet. Excavation bottom samples were generally collected on a 5-foot to 10-foot grid across the excavation bottom. Additional samples were collected from previously identified shallow impact areas and adjacent to sanitary sewer, the sanitary sewer lateral, and the sanitary sewer cleanout. Though some discoloration of soil was observed (black and blue gray) during excavation, the discoloration did not have significant detections through PID or laboratory analysis; therefore, discoloration was not like associated with impacts.

Soil samples were collected in clean laboratory-supplied soil jars, placed on ice, and transported under chain-of-custody documentation for analyses to a TestAmerica, Inc., a California state-certified laboratory. Samples were analyzed for full scan VOCs by Environmental Protection Agency (EPA) Method 8260B. Samples were analyzed on a 24-hour turnaround time in order to provide the ACEH prompt excavation progress updates and limit remediation contractor downtime.

4.4.2 Laboratory Results

The following laboratory analytical results were reported for the 35 confirmation soil samples:

PCE concentrations were reported in 21 samples with the maximum concentration of 65 mg/kg in sample CL1, 2' collected from two (2) feet below and adjacent to the joint situated between the vertical sanitary sewer clean out piping and the sanitary sewer lateral. All other reported concentrations ranged from 0.0082 to 1.1 mg/kg.

Trichloroethene (TCE) concentrations were reported in 20 samples with a maximum concentration of 0.14 mg/kg in excavation bottom sample BS1, 4'; the lowest reported concentration was 0.008 mg/kg.

Cis-1,2-dichloromethane (cis-1,2,-DCE) concentrations were reported in 21 samples with a maximum concentration of 0.21 mg/kg in north excavation side wall sample NSW1, 4'; the lowest reported concentration was 0.0055 mg/kg.

Acetone was reported in three (3) samples with a maximum concentration of 0.12 mg/kg in west excavation sidewall sample WSW2, 4'; the lowest reported concentration was 0.07 mg/kg.

No other VOCs were reported in any sample.

Soil laboratory analytical data is summarized in **Table 1**. PCE and TCE results are posted on **Figure 2**. Note that historic soil data from within the excavation area have also been included in the figure. Laboratory analytical reports are contained **Appendix E**.

4.5 EXCAVATION BACKFILLING AND RESTORATION

The excavation was backfilled on August 26, 2016 with approximately 56 tons of Class 1 aggregate base rock (Class 1 AB) and 5 tons of ¾-inch drain rock. The Class I aggregate fill was analyzed prior to importation to the site in accordance with the California Department of Toxic Substances Control (DTSC) *Information Advisory-Clean Imported Fill Material*, dated October 2001. Though the Class 1 AB fill mainly consisted of rock gravel, which is difficult to analyze, the laboratory was able to analyze fine sediment within

the fill. The sample was analyzed by SGS Acutest Laboratory for VOCs by EPA Method 8260B, total petroleum hydrocarbons in the diesel and motor oil ranges (TPHd and TPHmo) by EPA Method 8015, and for CAM 17 metals by EPA Method 6010B and, for mercury, EPA Method 7471A. Reported results indicated that no contaminants were present in the Class 1 AB. Though the reported results indicated the presence of metals, concentration of metals were within typical San Francisco Bay Area background levels and likely naturally occurring. The analytical laboratory report for the Class 1 AB sample is included in **Appendix E**. The imported drain rock was not analyzed as it consisted entirely of rock which cannot be analyzed by these methods without pulverization.

Backfill was emplace in in 12-inch lifts, with each lift being compacted using a backhoe with a sheep foot compaction wheel.

Paving of the backfilled excavation was performed on September 1, 2016 and consisted of applying a 6-inch thick layer of asphalt concrete bringing the excavation grade elevation level with surrounding pavement.

4.6 Vapor Sump Installation

During backfilling, a vapor sump was installed within the backfill for venting or vapor extraction if needed in the future. The vapor sump consists of a horizontal 10-foot section of 4-inch diameter, schedule 40 PVC, with 0.020-inch slots, installed at a depth of 3.5 feet bgs. The horizontal pipe is routed to the surface with vertical 3-foot section of solid casing consisting of 4-inch diameter schedule 40 PVC, with the top of the casing within approximately 0.5 feet of the surface. The vapor sump trench backfill consisted of ¾-inch clean gravel drain rock enveloped in a non-woven geotextile fabric from 1.5 to 4 feet bgs. The vapor sump trench was then covered with a layer plastic sheeting to create a seal inhibiting the connection of the vapor sump with ambient air. Note, the layer of visqueen covers only the area of the vapor sump trench, not the entire remedial excavation area. One foot of Class I aggregate base rock was placed on top of the plastic sheeting. The surface of the vapor sump trench was paved along with the remainder of the remedial excavation with six (6) inches of asphalt concrete. The vapor sump stub-up was protected by installing a 4-inch diameter expandable well cap and a 12-inch diameter traffic-rated well box set in concrete flush with the final grade. The well box was secured with bolts. A detail of the vapor sump is included as **Figure 3**.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The remedial objective of excavating all soil with PCE concentrations of greater the 0.1 mg/kg was achieved with the exception of locations along the northern excavation sidewall. Three samples collected from the northern excavation sidewall exceeding the remedial objective for PCE include NSW3, 2' (0.18 mg/kg), NSW4, 2' (0.19 mg/kg), and NSW4, 3' (1.9 mg/kg). As indicate previously, the limit of excavation on the northern side was limited by the presence of the building.

To date, the detection of PCE at a concentration of 65 mg/kg in sample CL1, 2', is the highest soil concentration reported in soil at the site. The sample was collected from two (2) feet below and adjacent to the joint situated between the vertical sanitary sewer clean out piping and the sanitary sewer lateral. The presence of this highest concentration may indicate the release of PCE was at, or close to this location. Based on field observations, it could not be determined whether a release had occurred from the piping itself.

PID reading of soil samples range from 0.1 to 31 ppm. In general, a PID reading of less than 10 ppm indicated the PCE concentration in the corresponding samples was less that the remediation goal of 0.1 mg/kg.

Based on the results of the excavation, ATC has the following recommendations:

- Semiannual indoor air sampling should be performed for the DryClean 580 tenant space to further assess whether residual VOCs remaining in soil are affecting indoor air quality. The next indoor air sampling is recommended to occur in the 1st Quarter 2017.

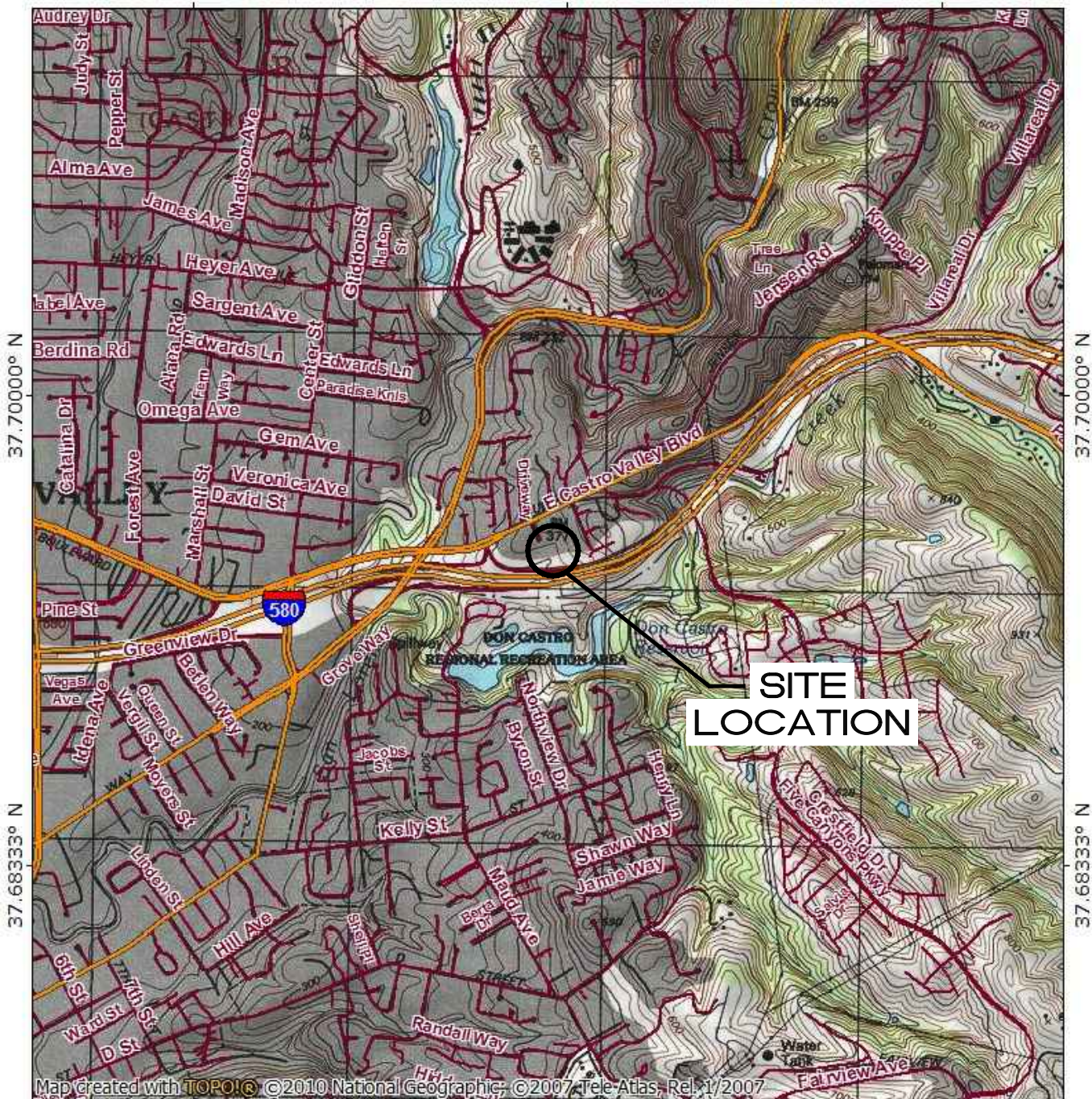
- If results of the next indoor air sampling indicate concentrations of chlorinated hydrocarbons are below applicable screening guidelines, the ATC recommends this environmental case be considered for closure.
- If it is determined through future indoor air monitoring that additional mitigation is necessary, mitigation measures, including passive or active vapor venting using the installed vapor sump, should be considered.

FIGURES

122.06667° W

122.05000° W

WGS84 122.03333° W

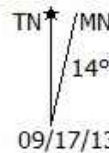
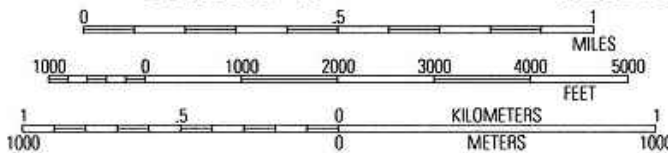


Map created with TOPO!® ©2010 National Geographic, ©2007 Tele Atlas, Rel. 1/2007

122.06667° W

122.05000° W

WGS84 122.03333° W



SOURCE: USGS TOPO MAP, HAYWARD, CA QUAD, 1996

SITE VICINITY MAP

580 MARKET PLACE SHOPPING CENTER
 3735 - 4065 EAST CASTRO VALLEY
 BOULEVARD CASTRO VALLEY, CA

PROJECT NUMBER: 1191600012	DATE: 9/19/16	FIGURE
APPROVED BY: GS	DRAWN BY: BK	1



915 Highland Point Dr., Ste. 250
 Roseville, California 95678

Ph: (916) 924-5247 *** Fax: (916) 724-5201

ATC-2(2')	ATC-2(7')	ATC-2(11')
0.047	<0.0047	NA
0.85	<0.0047	NA

NSW1(2')	NSW1(4')	NSW1(5')
0.092	0.01	0.069
0.045	<0.0048	<0.005

NSW3(2')	NSW3(4')	NSW3(5')
0.16	0.008	<0.0049
0.18	0.012	<0.0049

CB10(2')	CB10(4')	CB10(8')
0.33	<0.47	<0.0046
0.87	0.0054	<0.0046

NSW2(2')	NSW2(4')
0.048	0.032
0.048	0.052

ATC-1(2')	ATC-1(10')	ATC-1(31')
<0.0048	<0.0048	NA
<0.0048	<0.0048	NA

CB12(2')	CB12(4')	CB12(6')	CB12(7')	CB12(9.5')
0.21	0.18	0.0095	<0.0044	<0.0046
16	0.12	0.29	0.05	0.1

CB12(12')	CB12(14')	CB12(16')	CB12(22')	CB12(23')
0.011	0.011	<0.0045	<0.0048	<0.0046
0.098	3.6	0.091	0.039	0.041

CB3(4.5')	CB3(22')
0.06	<0.0046
<0.0049	0.0066

NSW4(2')	NSW4(3')
0.087	0.12
0.89*	1.9*

B1(5')
0.12
<0.0049

CL1(2')
<0.0049
65

LAT (1')	LAT (4')
<0.0049	<0.005
0.023	0.014

WSW1(1')	WSW1(2')	WSW1(4')
<0.0048	0.026	0.01
<0.0049	0.03	0.0082

C-2(0.5')	C-2(4')
<0.0050	0.01
0.29	<0.0049

ESW2(2')	ESW2(4')
0.022	<0.0050
0.012	<0.0050

B-2(0.5')
<0.0050
1.1

BS4(4')
<0.0049
<0.0049

CB9(2')	CB9(4')	CB9(6')	CB9(8')	CB9(13')
0.011	<0.0049	<0.0048	<0.0048	<0.0049
0.03	<0.0049	0.011	0.0059	<0.0049

SSW2(2')	SSW2(4')
0.012	0.0096
0.026	0.016

BS3(4')
<0.0050
0.0087

SV-23(4.5')	SV-23(10')	SV-23(15')	SV-23(23')
<0.0053	<0.0050	<0.0051	<0.0049
<0.0053	<0.0050	<0.0051	<0.0049

BS1(4')
0.14
<0.0049

A2(5'2")
0.0087
0.071

WSW2(2')	WSW2(4')
<0.0049	<0.0048
<0.0049	<0.0048

SSW1(2')	SSW1(4')
<0.0050	<0.0049
0.024	0.018

CB11(2')	CB11(3')	CB11(6')	CB11(8')	CB11(10')	CB11(11.5')	CB11(19')
<0.0042	<0.0045	0.012	<0.0047	0.021	0.0098	<0.0047
0.021	0.031	0.16	<0.0047	0.016	0.29	<0.0047

LEGEND

- CONFIRMATION SOIL BORING (AUGUST 2016)
- ⊗ SOIL VAPOR WELL
- HISTORIC SOIL BORING

ESW1(2')	SAMPLE ID (DEPTH, FT)
0.1	TCE, mg/kg
<0.0049	PCE, mg/kg

BOLD INDICATES DETECTION
 * EXCEEDS ESL
 NA NOT ANALYZED

- G GAS LINE
- E ELECTRIC LINE
- T TELEPHONE LINE
- SS SEWER LINE

EXCAVATION TO 4 FT. BGS

EXCAVATION TO 5 FT. BGS

LIGHT BLUE HIGHLIGHT INDICATES EXCAVATED SAMPLE LOCATION



NOTE: SCALE AND LOCATIONS ARE APPROXIMATE

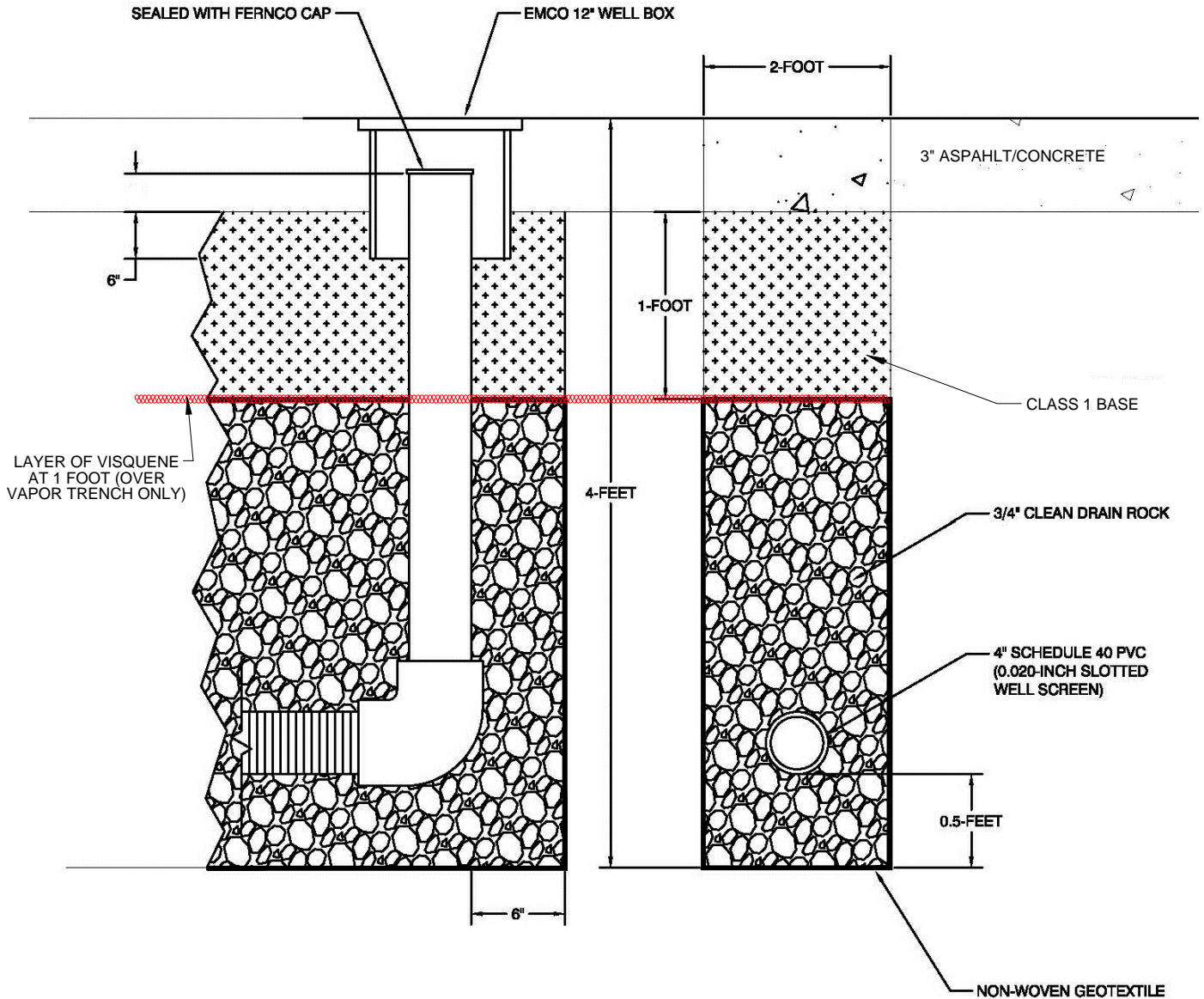
EXCAVATION PCE & TCE SOIL RESULTS MAP

DRYCLEAN 580
 3735 E. CASTRO VALLEY BOULEVARD
 CASTRO VALLEY, CA

PROJECT NUMBER: 1191600012 DATE: 9/21/16 FIGURE 2
 APPROVED BY: GS DRAWN BY: BK

ATC 915 Highland Point Dr., Ste. 250
 Roseville, California 95678
 Ph: (916) 924-5247 *** Fax: (916) 724-5201

S:\Projects\7575354_Mark\1191600012_PCE_TCE_091916.dwg



NOT TO SCALE

VAPOR SUMP DETAIL

580 MARKET PLACE SHOPPING CENTER
 3735 E. CASTRO VALLEY BOULEVARD
 CASTRO VALLEY, CA

PROJECT NUMBER: 1191600012	DATE: 9/21/16	FIGURE 3
APPROVED BY: GS	DRAWN BY: BK	



915 Highland Point Dr., Ste. 250
 Roseville, California 95678

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TABLES

TABLE 1
SOIL ANALYTICAL RESULTS
 280 Market Place Shopping Center
 3735-4065 East Castro Valley Boulevard
 Castro Valley, California

Sampling ID	Sampling Depth	Sampling Date	EPA 8015B		EPA 8260B										Acetone (mg/kg)
			TPHg (mg/kg)	Benzene (mg/kg)	Ethylbenzene (mg/kg)	o-Xylenes (mg/kg)	pm-Xylenes (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	Naphthalene (mg/kg)	Tetrachloroethene (mg/kg)	Trichloroethene (mg/kg)	c-1,2-dichloroethene (mg/kg)	t-1,2-dichloroethene (mg/kg)	
Environmental Screening Levels, Direct Exposure Human Health Risk Levels (Table S-1), Com/Ind: Shallow Soil Exposure (February 2016)															
Shallow (≤10 feet bgs)			3,900	1.0	22.0	2400b	2400b	2400	180	14.0	2.7	8.0	90.0	730	630,000
Environmental Screening Levels, Leaching to Groundwater Levels (Table S-2), Drinking Water (February 2016)															
Deep (>10 feet bgs)			770	0.044	1.4	2.3b	2.3b	2.3	0.023	0.033	0.42	0.46	0.19	0.67	0.50
Limited Subsurface Assessment															
ATC-1 (2')	2-3	03/01/12	---	<0.0048	<0.0048	---	---	<0.0097		<0.0097	<0.0048	<0.0048	<0.0048	<0.0048	<0.048
ATC-1 (15')	14-15	03/01/12	---	<0.0048	<0.0048	---	---	<0.0097		<0.0097	<0.0048	<0.0048	<0.0048	<0.0048	0.062
ATC-1 (31')	30-31	03/01/12	---	---	---	---	---	---		---	---	---	---	---	---
ATC-2 (2')	2-3	03/01/12	---	<0.022	<0.022	---	---	<0.043		<0.043	0.85	0.047	<0.022	<0.022	<0.22
ATC-2 (7.5')	7-8	03/01/12	---	<0.0047	<0.0047	---	---	<0.0093		<0.0093	<0.0047	<0.0047	<0.0047	<0.0047	0.071
ATC-2 (12')	11-12	03/01/12	---	---	---	---	---	---		---	---	---	---	---	---
ATC-3 (2')	2-3	03/01/12	---	<0.0044	<0.0044	---	---	<0.0088		<0.0088	<0.0044	<0.0044	<0.0044	<0.0044	<0.044
ATC-3 (8')	7-8	03/01/12	---	<0.0045	<0.0045	---	---	<0.0090		<0.0090	<0.0045	<0.0045	<0.0045	<0.0045	<0.045
ATC-4 (2')	2-3	03/01/12	---	<0.0049	<0.0049	---	---	<0.0097		<0.0097	<0.0049	<0.0049	<0.0049	<0.0049	<0.049
ATC-4 (8')	7-8	03/01/12	---	<0.0047	<0.0047	---	---	<0.0094		<0.0094	<0.0047	<0.0047	<0.0047	<0.0047	0.079
Data Gap Assessment															
CB3-4.5	4.5	02/06/14	---	<0.0049	<0.0049	---	---	<0.0097		<0.0097	<0.0049	0.08	0.063	0.0057	<0.049
CB3 22-22.5	22-22.5	02/06/14	---	<0.0046	<0.0046	---	---	<0.0092		<0.0092	0.066	<0.0046	<0.0046	<0.0046	0.12
CB3A 5-5.5	5-5.5	02/07/14	---	<0.0044	<0.0044	---	---	<0.0088		<0.0088	0.02	0.03	<0.0044	<0.0044	<0.044
CB7-6	6	02/05/14	---	<0.0043	0.014	---	---	0.096		<0.0086	<0.0043	<0.0043	<0.0043	<0.0043	0.15
CB7-8	8	02/05/14	---	<0.0049	0.0062	---	---	0.035		<0.0098	<0.0049	<0.0049	<0.0049	<0.0049	0.11
CB7-15	15	02/05/14	---	<0.0044	0.0063	---	---	0.038		<0.0088	<0.0044	<0.0044	<0.0044	<0.0044	0.092
CB7-20	20	02/05/14	---	<0.0048	0.0049	---	---	0.03		<0.0095	<0.0048	<0.0048	<0.0048	<0.0048	0.073
CB7-25	25	02/05/14	---	<0.0046	<0.0046	---	---	<0.0091		<0.0091	<0.0046	<0.0046	<0.0046	<0.0046	0.077
CB8-2	2	02/05/14	---	<0.0048	<0.0048	---	---	0.018		<0.0097	<0.0048	<0.0048	<0.0048	<0.0048	<0.048
CB8 7.5-8	7.5-8	02/05/14	---	<0.0045	<0.0045	---	---	<0.0091		<0.0091	<0.0045	0.0055	<0.0045	<0.0045	0.052
CB8 8-8.5	8-8.5	02/05/14	---	<0.0049	<0.0049	---	---	0.0098		<0.0098	<0.0049	<0.0049	<0.0049	<0.0049	<0.049
CB8 10-10.5	10-10.5	02/05/14	---	<0.0043	0.025	---	---	0.16		18	<0.0043	<0.0043	<0.0043	<0.0043	0.11
CB8 25-25.5	25-25.5	02/05/14	---	<0.0044	<0.0044	---	---	<0.0088		<0.0088	<0.0044	<0.0044	<0.0044	<0.0044	0.074
CB9-2	2	02/06/14	---	<0.0047	<0.0047	---	---	<0.0094		<0.0094	0.03	0.011	<0.0047	<0.0047	<0.047
CB9-4	4	02/06/14	---	<0.0049	<0.0049	---	---	<0.0099		<0.0099	<0.0049	<0.0049	0.007	<0.0049	<0.049
CB9 6-6.5	6-6.5	02/06/14	---	<0.0048	<0.0048	---	---	<0.0096		<0.0096	0.011	<0.0048	<0.0048	<0.0048	<0.048
CB9-8	8	02/06/14	---	<0.0048	<0.0048	---	---	<0.0096		<0.0096	0.0059	<0.0048	<0.0048	<0.0048	0.067
CB9 13-13.5	13-13.5	02/06/14	---	<0.0049	<0.0049	---	---	<0.0098		<0.0098	<0.0049	<0.0049	<0.0049	<0.0049	0.062
CB10-3	3	02/06/14	---	<0.0045	<0.0045	---	---	<0.0090		<0.0090	0.87	0.33	0.054	<0.0045	0.053
CB10-4	4	02/06/14	---	<0.0046	<0.0046	---	---	<0.0091		<0.0091	0.0054	<0.47	0.21	0.0057	0.056
CB10 8-8.5	8-8.5	02/06/14	---	<0.0046	<0.0046	---	---	<0.0091		<0.0091	<0.0046	<0.0046	0.035	<0.0046	<0.046
CB11 2.5-3	2.5-3	02/06/14	---	<0.0042	<0.0042	---	---	<0.0084		<0.0084	0.021	<0.0042	<0.0042	<0.0042	<0.042
CB11 3-3.5	3-3.5	02/06/14	---	<0.0045	<0.0045	---	---	<0.0090		<0.0090	0.031	<0.0045	<0.0045	<0.0045	<0.045
CB11-6	6	02/06/14	---	<0.0044	<0.0044	---	---	<0.0088		<0.0088	0.16	0.012	0.0058	<0.0044	0.076
CB11-8	8	02/06/14	---	<0.0047	<0.0047	---	---	<0.0093		<0.0093	<0.0047	<0.0047	<0.0047	<0.0047	0.048
CB11-10	10	02/06/14	---	<0.0045	<0.0045	---	---	<0.0090		<0.0090	0.016	0.021	<0.0045	<0.0045	<0.045
CB11-11.5	11.5	02/06/14	---	<0.0045	0.0077	---	---	0.052		<0.0089	0.29	0.0098	<0.0045	<0.0045	0.11
CB11 19-19.5	19-19.5	02/06/14	---	<0.0047	<0.0047	---	---	<0.0095		<0.0095	<0.0047	<0.0047	<0.0047	<0.0047	0.052
CB12 2-2.5	2-2.5	02/07/14	---	<0.023	<0.023	---	---	<0.046		0.046	16	0.21	<0.023	<0.023	<0.23
CB12 4-4.5	4-4.5	02/07/14	---	<0.0045	<0.0045	---	---	<0.0090		<0.0090	0.12	0.18	0.052	0.0046	<0.045
CB12 6-6.5	6-6.5	02/07/14	---	<0.0048	<0.0048	---	---	<0.0095		<0.0095	0.29	0.0095	0.01	<0.0048	<0.048
CB12 7.5-8	7.5-8	02/07/14	---	<0.0044	<0.0044	---	---	<0.0088		<0.0088	0.05	<0.0044	<0.0044	<0.0044	<0.049
CB12 9.5-10	9.5-10	02/07/14	---	<0.0046	<0.0046	---	---	<0.0091		<0.0091	0.1	<0.0046	<0.0046	<0.0046	<0.046
CB12 12-12.5	12-12.5	02/07/14	---	<0.0044	<0.0044	---	---	<0.0087		<0.0087	0.098	<0.0044	<0.0044	<0.0044	<0.044
CB12 14-14.5	14-14.5	02/07/14	---	<0.0044	0.0058	---	---	0.035		<0.0089	3.6	0.011	<0.0044	<0.0044	<0.044
CB12 16.5-17	16.5-17	02/07/14	---	<0.0045	<0.0045	---	---	<0.0091		<0.0091	0.091	<0.0045	<0.0045	<0.0045	0.11
CB12 22-22.5	22-22.5	02/07/14	---	<0.0048	<0.0048	---	---	<0.0095		<0.0095	0.039	<0.0048	<0.0048	<0.0048	0.12
CB12 23-23.5	23-23.5	02/07/14	---	<0.0046	<0.0046	---	---	<0.0091		<0.0091	0.041	<0.0046	<0.0046	<0.0046	<0.046
Soil Vapor Well Installation															
S-5.5-SV16	5.5	06/03/15	<0.52	<0.0049	<0.0049	<0.0049	<0.0049	---	<0.0049	<0.049	<0.0049	<0.0049	<0.0049	<0.0049	<0.12
S-11.5-SV16	11.5	06/03/15	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.13
S-14.5-SV16	14.5	06/03/15	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.13
S-19.5-SV16	19.5	06/03/15	<0.51	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.12
S-25-SV16	25	06/03/15	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.12
S-29.5-SV16	29.5	06/03/15	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.12
S-5-SV17	5	06/03/15	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.12
S-10-SV17	10	06/03/15	<0.50	<0.0051	<0.0051	<0.0051	<0.0051	---	<0.0051	<0.051	<0.0051	<0.0051	<0.0051	<0.0051	<0.13
S-15-SV17	15	06/03/15	<0.49	<0.0053	<0.0050	<0.0050	<0.0050	---	<0.0053	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.12
S-20-SV17	20	06/03/15	<0.50	<0.0050	<0.0051	<0.0051	<0.0051	---	<0.0050	<0.051	<0.0051	<0.0051	<0.0051	<0.0051	<0.13
S-25-SV17	25	06/04/15	<0.48	<0.0051	<0.0051	<0.0051	<0.0051	---	<0.0051	<0.051	<0.0051	<0.0051	<0.0051	<0.0051	<0.13
S-29.5-SV17	29.5	06/04/15	<0.51	<0.0052	<0.0052	<0.0052	<0.0052	---	<0.0052	<0.052	<0.0052	<0.0052	<0.0052	<0.0052	<0.13
S-5-SV18	5	06/04/15	<0.48	<0.0049	<0.0049	<0.0049	<								

TABLE 1
SOIL ANALYTICAL RESULTS
 280 Market Place Shopping Center
 3735-4065 East Castro Valley Boulevard
 Castro Valley, California

Sampling ID	Sampling Depth	Sampling Date	EPA 8015B		EPA 8260B										Acetone (mg/kg)
			TPHg (mg/kg)	Benzene (mg/kg)	Ethylbenzene (mg/kg)	o-Xylenes (mg/kg)	m-Xylenes (mg/kg)	Total Xylenes (mg/kg)	MTBE (mg/kg)	Naphthalene (mg/kg)	Tetrachloroethene (mg/kg)	Trichloroethene (mg/kg)	c-1,2-dichloroethene (mg/kg)	t-1,2-dichloroethene (mg/kg)	
Environmental Screening Levels, Direct Exposure Human Health Risk Levels (Table S-1), Com/Ind: Shallow Soil Exposure (February 2016)															
Shallow (≤10 feet bgs)			3,900	1.0	22.0	2400b	2400b	2400	180	14.0	2.7	8.0	90.0	730	630,000
Environmental Screening Levels, Leaching to Groundwater Levels (Table S-2), Drinking Water (February 2016)															
Deep (>10 feet bgs)			770	0.044	1.4	2.3b	2.3b	2.3	0.023	0.033	0.42	0.46	0.19	0.67	0.50
S-5-SV22	5	06/04/15	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.12
S-10-SV22	10	06/04/15	<0.49	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.12
S-15-SV22	15	06/04/15	<0.51	<0.0051	<0.0051	<0.0051	<0.0051	---	<0.0051	<0.051	<0.0051	<0.0051	<0.0051	<0.0051	<0.13
S-20-SV22	20	06/04/15	<0.51	<0.0049	<0.0049	<0.0049	<0.0049	---	<0.0049	<0.049	<0.0049	<0.0049	<0.0049	<0.0049	<0.12
S-27.5-SV22	27.5	06/04/15	<0.48	<0.0049	<0.0049	<0.0049	<0.0049	---	<0.0049	<0.049	<0.0049	<0.0049	<0.0049	<0.0049	<0.12
S-4.5-SV23	4.5	06/05/15	<0.51	<0.0053	<0.0053	<0.0053	<0.0053	---	<0.0053	<0.053	<0.0053	<0.0053	0.083	<0.0053	<0.13
S-10-SV23	10	06/05/15	<0.49	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.13
S-15-SV23	15	06/05/15	<0.53	<0.0051	<0.0051	<0.0051	<0.0051	---	<0.0051	<0.051	<0.0051	<0.0051	<0.0051	<0.0051	<0.13
S-23-SV23	23	06/05/15	<0.53	<0.0049	<0.0049	<0.0049	<0.0049	---	<0.0049	<0.049	<0.0049	<0.0049	<0.0049	<0.0049	<0.12
S-5-SV24	5	06/05/15	<0.50	<0.0053	<0.0053	<0.0053	<0.0053	---	<0.0053	<0.053	<0.0053	<0.0053	<0.0053	<0.0053	<0.13
S-10-SV24	10	06/05/15	<0.50	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.12
S-15-SV24	15	06/05/15	<0.50	<0.0049	<0.0049	<0.0049	<0.0049	---	<0.0049	<0.049	<0.0049	<0.0049	<0.0049	<0.0049	<0.12
S-20-SV24	20	06/05/15	<0.52	<0.0051	<0.0051	<0.0051	<0.0051	---	<0.0051	<0.051	<0.0051	<0.0051	<0.0051	<0.0051	<0.13
S-25-SV24	25	06/05/15	<0.48	<0.0050	<0.0050	<0.0050	<0.0050	---	<0.0050	<0.050	<0.0050	<0.0050	<0.0050	<0.0050	<0.12
S-27.5-SV24	27.5	06/05/15	<0.49	<0.0052	<0.0052	<0.0052	<0.0052	---	<0.0052	<0.052	<0.0052	<0.0052	<0.0052	<0.0052	<0.13
Remedial Excavation															
NSW1, 2'	2	08/23/16	---	<0.0047	<0.0047	<0.0095	<0.0095	<0.0095	---	<0.0095	0.045	0.092	0.042	<0.0047	<0.047
NSW1, 4'	4	08/23/16	---	<0.0048	<0.0048	<0.0097	<0.0097	<0.0097	---	<0.0097	<0.0048	0.01	0.21	<0.0048	<0.048
NSW1, 5'	5	08/24/16	---	<0.005	<0.005	<0.010	<0.010	<0.010	---	<0.010	<0.005	0.069	0.19	<0.005	<0.050
NSW2, 2'	2	08/23/16	---	<0.005	<0.0050	<0.01	<0.01	<0.01	---	<0.01	0.048	0.048	0.024	<0.0050	<0.050
NSW2, 4'	4	08/23/16	---	<0.0049	<0.0049	<0.0098	<0.0098	<0.0098	---	<0.0098	0.032	0.052	0.12	0.0056	<0.049
NSW3, 2'	2	08/23/16	---	<0.0049	<0.0049	<0.0097	<0.0097	<0.0097	---	<0.0097	0.18	0.16	0.093	<0.0049	<0.049
NSW3, 4'	4	08/23/16	---	<0.005	<0.0050	<0.0099	<0.0099	<0.0099	---	<0.0099	0.012	0.008	0.089	<0.0050	<0.050
NSW3, 5'	5	08/24/16	---	<0.0049	<0.0049	<0.0098	<0.0098	<0.0098	---	<0.0098	<0.0049	<0.0049	0.023	<0.0049	<0.049
NSW4, 2'	2	08/24/16	---	<0.0049	<0.0049	<0.0097	<0.0097	<0.0097	---	<0.0097	0.89	0.087	0.011	<0.0049	<0.049
NSW4, 3'	3	08/24/16	---	<0.0049	<0.0049	<0.0097	<0.0097	<0.0097	---	<0.0097	1.9	0.12	0.042	<0.0049	<0.049
ESW1, 2'	2	08/23/16	---	<0.0049	<0.0049	<0.0098	<0.0098	<0.0098	---	<0.0098	<0.0049	0.1	0.012	<0.0049	0.07
ESW1, 4'	4	08/23/16	---	<0.005	<0.0050	<0.01	<0.01	<0.01	---	<0.01	<0.0050	0.014	0.012	<0.0050	<0.050
ESW2, 2'	2	08/23/16	---	<0.0048	<0.0048	<0.0096	<0.0096	<0.0096	---	<0.0096	0.012	0.022	0.014	<0.0048	<0.048
ESW2, 4'	4	08/23/16	---	<0.005	<0.0050	<0.0099	<0.0099	<0.0099	---	<0.0099	<0.0050	<0.0050	<0.0050	<0.0050	<0.050
SSW1, 2'	2	08/23/16	---	<0.005	<0.0050	<0.010	<0.010	<0.010	---	<0.010	0.024	<0.0050	<0.0050	<0.0050	<0.050
SSW1, 4'	4	08/23/16	---	<0.0049	<0.0049	<0.0097	<0.0097	<0.0097	---	<0.0097	0.018	<0.0049	<0.0049	<0.0049	<0.049
SSW2, 2'	2	08/23/16	---	<0.0048	<0.0048	<0.0096	<0.0096	<0.0096	---	<0.0096	0.026	0.012	<0.0048	<0.0048	<0.048
SSW2, 4'	4	08/23/16	---	<0.0049	<0.0049	<0.0098	<0.0098	<0.0098	---	<0.0098	0.016	0.0096	0.0055	<0.0049	<0.049
WSW1, 1'	1	08/24/16	---	<0.0048	<0.0048	<0.0097	<0.0097	<0.0097	---	<0.0097	<0.0047	<0.0048	<0.0048	<0.0048	<0.048
WSW1, 2'	2	08/24/16	---	<0.0047	<0.0047	<0.0094	<0.0094	<0.0094	---	<0.0094	0.03	0.026	<0.0047	<0.0047	<0.047
WSW1, 4'	4	08/24/16	---	<0.0049	<0.0049	<0.0098	<0.0098	<0.0098	---	<0.0098	0.0082	0.01	<0.0049	<0.0049	<0.049
WSW2, 2'	2	08/24/16	---	<0.0049	<0.0049	<0.0098	<0.0098	<0.0098	---	<0.0098	<0.0049	<0.0049	<0.0049	<0.0049	<0.049
WSW2, 4'	4	08/24/16	---	<0.0048	<0.0048	<0.0097	<0.0097	<0.0097	---	<0.0097	<0.0048	<0.0048	<0.0048	<0.0048	0.12
BS1, 4'	4	08/23/16	---	<0.0049	<0.0049	<0.0098	<0.0098	<0.0098	---	<0.0098	<0.0049	0.14	0.072	<0.0049	<0.049
BS2, 5'	5	08/24/16	---	<0.0048	<0.0048	<0.0096	<0.0096	<0.0096	---	<0.0096	<0.0048	<0.0048	0.011	<0.0048	<0.048
BS3, 4'	4	08/24/16	---	<0.005	<0.0050	<0.0099	<0.0099	<0.0099	---	<0.0099	0.0087	<0.0050	0.005	<0.0050	<0.050
BS4, 4'	4	08/24/16	---	<0.0049	<0.0049	<0.0098	<0.0098	<0.0098	---	<0.0098	<0.0049	<0.0049	0.017	<0.0049	<0.049
A-2, 5'2"	5	08/23/16	---	<0.005	<0.0050	<0.010	<0.010	<0.010	---	<0.010	0.071	0.0087	0.0072	<0.0050	<0.050
B-1, 5'	5	08/24/16	---	<0.0049	<0.0049	<0.0098	<0.0098	<0.0098	---	<0.0098	<0.0049	0.12	0.079	<0.0049	0.084
B-2, 0.5'	0.5	08/23/16	---	<0.005	<0.0050	<0.010	<0.010	<0.010	---	<0.010	1.1	<0.0050	<0.0050	<0.0050	<0.050
C-2, 0.5'	0.5	08/23/16	---	<0.005	<0.0050	<0.0099	<0.0099	<0.0099	---	<0.0099	0.29	<0.0050	<0.0050	<0.0050	<0.050
C-2, 4'	4	08/24/16	---	<0.0049	<0.0049	<0.0098	<0.0098	<0.0098	---	<0.0098	<0.0049	0.01	<0.0092	<0.0049	<0.049
CL1, 2'	2	08/24/16	---	<0.0049	<0.0049	<0.0098	<0.0098	<0.0098	---	<0.0098	65	<0.0049	0.063	<0.0049	<0.049
LAT, 1'	1	08/24/16	---	<0.0049	<0.0049	<0.0098	<0.0098	<0.0098	---	<0.0098	0.023	<0.0049	<0.0049	<0.0049	<0.049
LAT, 4'	4	08/24/16	---	<0.0049	<0.0049	<0.0098	<0.0098	<0.0098	---	<0.0098	0.014	<0.005	<0.0049	<0.0049	<0.049

Notes:
 TPHg = Total petroleum hydrocarbons as gasoline.
 VOCs = Volatile organic compounds.
 mg/kg = Milligrams per kilogram.
 ND = Not detected at or above the laboratory reporting limit.
 PID = Photoionization detector.
 ppm = Parts per million.
 < = Less than the stated laboratory reporting limit.
 --- = Not analyzed.
 a = Chromatographic pattern does not match that of the specified standard.
 b = Screening level for total xylenes.
Bold = Bold values indicate detection above reporting limit
 Yellow highlighted values exceed ESL
 Gray highlighted sample indicate associated soil was excavated

MTBE = Methyl tertiary butyl ether.
 BTEX = Benzene, ethylbenzene, toluene, and total xylenes.
 EDB = 1,2-dibromoethane.
 1,2-DCA = 1,2-dichloroethane.
 TBA = Tertiary butyl alcohol.
 DIPE = Di-isopropyl ether.
 ETBE = Ethyl tertiary butyl ether.
 TAME = Tertiary amyl methyl ether.

APPENDIX A

WORK PLAN APPROVAL EMAIL FROM ACEH

From: [Detterman, Karel, Env. Health](#)
To: [Charles Gurney](#)
Cc: "[gabe.stivala](#)"; [Roe, Dilan, Env. Health](#)
Subject: RO3097 SCP Program 580 Market Place Shopping Center, East Castro Valley Boulevard, Castro Valley, CA
Date: Friday, August 12, 2016 10:26:11 AM
Attachments: [Attachment 1 and ftpUploadInstructions 2014-05-15.pdf](#)

Hello Chuck:

Thank you for submitting the August 10, 2016 *Revised Remedial Excavation Work Plan* (Revised Work Plan) prepared and submitted on your behalf by ATC Group Services LLC (ATC). The Revised Work Plan was requested during a conference call with Alameda County Department of Environmental Health (ACDEH) on July 21, 2016. The purpose of the conference call was to discuss ATC's March 14, 2016 *Remedial Excavation Work Plan* (Work Plan) and ATC's April 14, 2016 *Sub-Slab Vapor and Indoor Air Assessment Report* (Report).

Based on ACDEH staff review of the work plan, the proposed scope of work is conditionally approved for implementation provided that the technical comments below are addressed and incorporated during the proposed work. Submittal of a revised work plan or a work plan addendum is not required unless an alternate scope of work outside that described in the work plan or these technical comments is proposed. We request that you address the following technical comments, perform the proposed work, and send us the report described below. Please provide 72-hour advance written notification to this office (e-mail preferred to: karel.detterman@acgov.org) prior to the start of field activities.

As discussed during the conference call, the stakeholders recognize that, while the proposed approach is an interim remedial action, it may not be effective in removing the elevated concentrations of tetrachloroethene (PCE) in soil in the suspected source area at the site.

TECHNICAL COMMENTS

-
The following list provides a summary of the main topics discussed during the conference call.

- 1. Excavation Event and Interim Remediation Report:** The selected PCE remedial goal of 0.1 milligrams per kilogram (mg/kg) in soil is acceptable to ACDEH. Please provide the basis for selection this value in the Interim Remediation Report. The proposed excavation field screening value of 500 parts per billion (ppb) PCE using a photoionization detector (PID) is also acceptable to ACDEH.

Please notify the DryClean 580 business that the back door may need to be kept closed during the excavation activities and that it may be necessary to request that the DryClean 580 tenant commence using the heating, ventilation, and air conditioning (HVAC) system during the upcoming excavation event.

Soil Vapor Wells SV-23A and SV-23B are located within the area of the proposed excavation and will need to be destroyed prior to the start of excavation. ATC submitted a well destruction permit application yesterday August 11, 2016 to Alameda County Public Works Agency (ACPWA). Please include the well destruction documentation in the Interim Remediation Report requested below.

- 2. Trash Enclosure and Sewer Line:** The Work Plan indicates that the proposed excavation is limited in extent by the structure to the north and the utility corridor to the south; however, as discussed during the conference call, the trash enclosure could be temporarily moved allowing excavation beneath the trash enclosure. The Revised Work Plan indicates that the excavation may be extended to the northeast as necessary. Please describe potential excavation step-out

sampling protocol. Since the sewer line appears to be within the excavation limits, please determine the depth of the sewer line and describe how the sewer line will be secured if the excavation is deeper than the sewer line depth. Please provide a description of the contingencies if it becomes necessary to extend the excavation. Since the edge of the trash enclosure coincides with the southwest boundary of the proposed excavation please include description of contingencies if confirmation sampling indicates that the sewer line and/or the trash enclosure are contaminant source(s) including, but not limited to: sewer line and/or trash enclosure hot spot excavation, sewer line replacement, and temporary business disruption during sewer line replacement. If the sewer line requires temporary capping, please provide a description of the contingencies to accommodate affected tenants.

3. **Clean Backfill Guidance Document:** Thank you for including a reference to the California Department of Toxic Substance Control's (DTSC) October 2001 *Information Advisory Clean Imported Fill Material* for importing backfill material for the proposed excavation in the Revised Work Plan; since the excavation area will be graded and capped with asphalt concrete during site restoration, the grain size of the clean backfill material may not have much impact on future contaminant migration. Additionally, as discussed during the July 21, 2016 conference call, we understand that confirmation sample results will be provided to ACDEH and ACDEH will provide approval of the excavation backfilling prior to the placement of all backfill material.
4. **California Health Hazard Screening Limits (CHHSLs):** Appendix A, *Airborne Monitoring, Personal Protective Equipment & Exposure Control Protocol* of the Revised Work Plan refers to DTSC's outdated CHHSL screening levels instead of the screening levels provided in the DTSC Human Health Risk Note No. 3 (dated May 21, 2013 and subsequently revised on July 14, 2014). Please ensure that CHHSLs are not referenced in any future documents.
5. **San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) Environmental Screening Levels (ESLs):** When referencing ESLs, please use the most recent published version of February 2016 Version 3.
6. **Post Interim Remediation:** In the Interim Remediation Report requested below, please provide an estimate of the mass of PCE and other VOCs in the excavated soil, include a figure indicating the vapor plume contours, and include a proposal to conduct post interim remediation indoor air sampling event(s).

TECHNICAL REPORT REQUEST

Please upload technical reports to the ACDEH ftp site (Attention: Karel Detterman), and to the State Water Resources Control Board's Geotracker website, in accordance with the following specified file naming convention and schedule:

- **October 21, 2016** – Interim Remediation Report
File to be named: RO3097_IR_R_yyyy-mm-dd

Thank you for your cooperation. Should you have any questions or concerns regarding this correspondence or your case, please send me an e-mail message at karel.detterman@acgov.org or call me at (510) 567-6708.

Karel Detterman, PG
Hazardous Materials Specialist
Alameda County Environmental Health
1131 Harbor Bay Parkway
Alameda, CA 94502

Direct: 510.567.6708

Fax: 510.337.9335

Email: karel.detterman@acgov.org

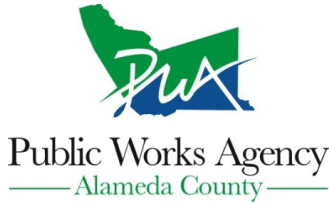
PDF copies of case files can be downloaded at:

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

APPENDIX B

WELL DESTRUCTION PERMIT

Alameda County Public Works Agency - Water Resources Well Permit



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

Application Approved on: 08/11/2016 By jamesy

Permit Numbers: W2016-0602
Permits Valid from 08/19/2016 to 08/19/2016

Application Id: 1470939855711	City of Project Site: Castro Valley
Site Location: 3735-4065 East Castro Valley Blvd. 580 Market Place Shopping Center	Completion Date: 08/17/2016
Project Start Date: 08/17/2016	Assigned Inspector: Contact Minh Ngo at (510) 670-5759 or Minh@acpwa.org
Assigned Inspector: Contact Minh Ngo at (510) 670-5759 or Minh@acpwa.org	Extension End Date: 08/19/2016
Extension Start Date: 08/19/2016	Extended By: minh2
Extension Count: 1	

Applicant: ATC Group Services LLC - Gabriel Stivala 915 Highland Point Drive, Suite 250, Roseville, CA 95747	Phone: 925-223-7123
Property Owner: Weingarten . 2600 Citadel Plaza Dr. #200, Houston, TX 77008	Phone: --
Client: Weingarten . 2600 Citadel Plaza Dr. #200, Houston, TX 77008	Phone: --
Contact: Kim Thai	Phone: 408-396-1255 Cell: 408-396-1255

Receipt Number: WR2016-0403	Total Due:	\$265.00
Payer Name : Gabriel V Stivala	Total Amount Paid:	\$265.00
	Paid By: VISA	PAID IN FULL

Works Requesting Permits:

Well Destruction-Vapor monitoring well - 1 Wells
Driller: Gregg Drilling - Lic #: 485165 - Method: DP

Work Total: \$265.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth	State Well #	Orig. Permit #	DWR #
W2016-0602	08/11/2016	11/15/2016	SV-23A/B	4.00 in.	0.25 in.	4.00 ft	15.00 ft		W2015-0456	

Specific Work Permit Conditions

1. Drilling Permit(s) can be voided/ cancelled only in writing. It is the applicant's responsibility to notify Alameda County Public Works Agency, Water Resources Section in writing for an extension or to cancel the drilling permit application. No drilling permit application(s) shall be extended beyond ninety (90) days from the original start date. Applicants may not cancel a drilling permit application after the completion date of the permit issued has passed.
2. Compliance with the above well-sealing specifications shall not exempt the well-sealing contractor from complying with appropriate state reporting-requirements related to well destruction (Sections 13750 through 13755 (Division 7, Chapter 10, Article 3) of the California Water Code). Contractor must complete State DWR Form 188 and mail original to the Alameda County Public Works Agency, Water Resources Section, within 30 days, including permit number and site map.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or

Alameda County Public Works Agency - Water Resources Well Permit

waterways or be allowed to move off the property where work is being completed.

5. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained.
6. No changes in construction procedures or well type shall change, as described on this permit application. This permit may be voided if it contains incorrect information.
7. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
8. Remove the Christy box or similar structure. Overdrill or clean out to original depth. After the seal has set, backfill the remaining hole with concrete or compacted material to match existing.
9. Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) require electronic submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Once a report/data is successfully uploaded, as required, you have met the reporting requirement (i.e. the compliance measure for electronic submittals is the actual upload itself). The upload date should be on or prior to the regulatory due date.
10. Vapor monitoring wells constructed with tubing shall be decommissioned by complete removal of tubing, grout seal, and fill material of sand or bentonite. Fill material may be removed by hand auger if material can be removed completely.

Vapor monitoring wells constructed with pvc pipe less than 2" shall be overdrilled to total depth.

Vapor monitoring wells constructed with 2" pvc pipe or larger may be grouted by tremie pipe (any depth) or pressure grouted (less than 30', 25 psi for 5 min).

APPENDIX C

FACT SHEET

Fact Sheet on Environmental Assessment

580 Market Place Shopping Center
3937 Castro Valley Boulevard,
Castro Valley, Alameda County
ACEH File No. RO0003097

This fact sheet is being provided to describe site background, past work to investigate site contamination, next steps, the oversight process for the site, and how you can obtain more information.

August 2016

Summary

Under the direction of the Alameda County Department of Environmental Health (ACDEH), Weingarten, the owner of the 580 Market Place Shopping Center, and ATC, the owner's environmental consultant are issuing this fact sheet to inform you of a remedial excavation planned work at the Dryclean 580 facility (site), which is located in the 580 Market Place Shopping Center, at 3937 East Castro Valley Boulevard, Castro Valley, California (Figure 1). The purpose of the excavation is to remove soil impacted by a historic release of dry cleaning chemicals. This fact sheet contains information concerning site background, results of recent investigations, and planned remediation activities, and information contacts. A glossary of certain terms is included on page 2 of this fact sheet.



Background

The subject site is an active dry cleaning facility located within the 580 Market Place Shopping Center, north of Interstate 580, southeast of East Castro Valley Boulevard, and west of Chaparral Lane in the City of Castro Valley. The site was developed as part of a 10.21 acre retail shopping center in 1990. Dryclean 580 has operated at 3937 East Castro Valley Boulevard since 1990. From 1990 to at least 1997, the dry cleaning equipment used the chlorinated dry cleaning chemical tetrachloroethene (PCE) or 'perc'. As early as the year 2000, the dry

cleaning at the site discontinued the use of PCE as a solvent and replaced it with a non-chlorinated hydrocarbon-based solvent. Current surrounding land use is commercial within the 580 Market Place Shopping Center.

Recent Investigation Activities

Environmental investigations were performed at the site from 1994 to Present. The investigations identified the presence of PCE and its breakdown products (collectively known as volatile organic compounds (VOCs) in both soil, soil vapor, and indoor air at levels greater than applicable regulatory agency screening levels. The main VOCs of concern at the site consist of PCE, trichloroethene (TCE), and vinyl chloride. Additionally, petroleum hydrocarbons including benzene and naphthalene have been detected. Concentrations of these compounds exceeding applicable regulatory agency screening levels were found in soil vapor to a depth of 11 feet below ground surface (bgs) and in soil to a depth of 25 feet bgs. The presence of these chemicals at concentrations exceeding regulatory screening levels does not indicate that adverse impacts to human health or the environment are necessarily occurring, but rather that additional evaluation and mitigation is warranted.

VOCs are able to move in the environment, from soil to groundwater, from groundwater to soil, and from groundwater or soil to air. The groundwater in this area is not used for drinking water or other household/industrial purposes. Of particular interest is the potential for movement of VOCs into the inside of buildings where people could be exposed to contaminated indoor air. This process is called vapor intrusion into indoor air.

The data indicate that the highest concentrations of PCE in soil vapor and soil occur in an area near the back side (south side) of the facility, and extend beneath the two immediately adjacent shopping center units as well as a portion of the rear parking/loading area. Soil vapor data collected along sewer laterals indicate the possibility that contamination has migrated along these pathways.

Fact Sheet on Environmental Assessment

3937 Castro Valley Boulevard, Castro Valley

August 2016

shown on Figure 2 and will be secured/enclosed using a chain-link fence. During work, access to the rear entries of the AT&T, Verizon, and Dryclean 580 units may be limited. Soil to be excavated will be stored in 8-yard bins along the south edge of the property, out of the way of traffic. Access to the trash enclosure adjacent to the work will not be limited. Traffic will have normal access to pass through the rear access driveway. Businesses potentially affected by the work can expect to be contacted directly by the property or owners agent to discuss concerns affecting their businesses.

Timeline

The excavation is currently schedule to occur during the week of August 22, 2016 and is expected to have a duration of less than five business days. Work hours occur during weekdays between 7 a.m. and 5 p.m.

Glossary of Terms

Soil Vapor – Soil vapor refers to the air that is present in the open spaces between soil particles between the ground surface and the water table. It includes air (primarily oxygen and nitrogen, like above ground), water vapor, and occasionally pollutants.

Subslab Gas – Subslab gas refers to the air that is present in the open spaces between soil particles and backfill material immediately beneath a building slab. It includes air (primarily oxygen and nitrogen, like above ground), water vapor, and occasionally pollutants.

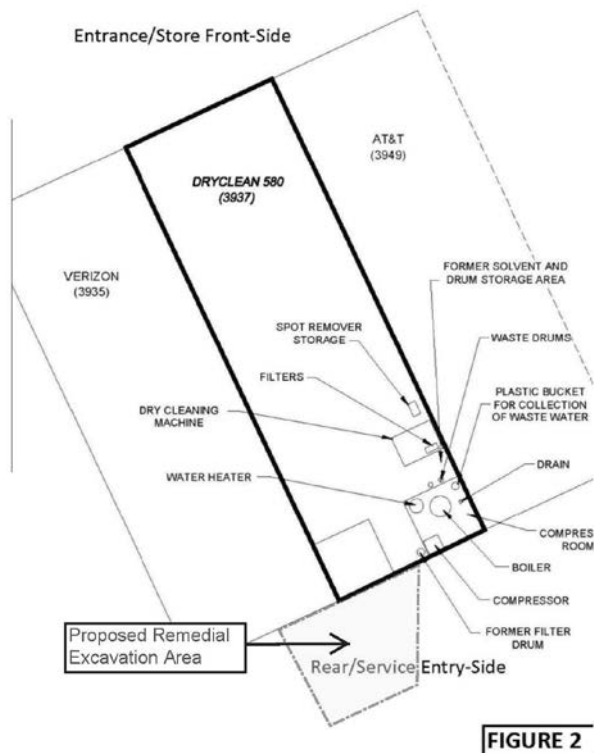
Volatile organic compounds (VOCs) – VOCs are organic liquids, including many common solvents that readily evaporate at temperatures normally found at ground surface and at shallow depths. Many VOCs are known human carcinogens. Examples of VOC usage include dry cleaning solvent, carburetor cleaner, brake cleaner, and paint solvents.

For More Information

Please contact any of the following individuals with any questions or concerns you may have:

Gabe Stivala, ATC, Environmental Consultant,
925-223-7123, gabe.stivala@atcassociates.com

Karel Detterman, ACEH Case Manager
510-567-6708, karel.detterman@acgov.org



Next Steps

Based on the cumulative assessment data, a remedial excavation of soil impacted VOCs will be performed in the area where highest concentrations have been reported, in the back side of the Dryclean 580 tenant space. The excavation will be limited in extent to a 20 foot by 20 foot area and will extend to a depth of 4 feet below ground surface. Excavated soil will be loaded into soil bins and disposed of at an appropriate California-permitted landfill. The excavation will then be backfilled with clean fill and the surface will be restored to the original condition. During the excavation air and dust will be monitored under direction of a Certified Industrial Hygienist to protect the general public and work from exposure to contaminants and/or particulate matter during the work; dust and vapor will be controlled Best Management Practices for handling soil and using misting and surfactants, as needed.

Potential operational impacts to tenants will be limited to the rear of the shopping center. The work area is

APPENDIX D

WASTE DISPOSAL MANIFESTS

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

NOT REQUIRED

2. Page 1 of 1

3. Emergency Response Phone

888-423-6060

4. Waste Tracking Number

7008189

5. Generator's Name and Mailing Address

Generator's Site Address (if different than mailing address)

Weingarten Realty
2600 Citadel Plaza Drive, Suite 300, Houston, Texas 77008
 Generator's Phone: **713-866-6855**

580 Market Place
Castro Valley, CA 94552

6. Transporter 1 Company Name

American Integrated Services, Inc.

U.S. EPA ID Number

CAR000148338

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address

Potrero Hills Landfill
3675 Potrero Hills Lane

U.S. EPA ID Number

NOT REQUIRED

Facility's Phone:

Suisun, CA 94585

9. Waste Shipping Name and Description

10. Containers

No. Type

11. Total Quantity

12. Unit Wt./Vol.

1. **Non-Hazardous Waste Solid (Soil)**

8 LL

DM

4000

P

13. Special Handling Instructions and Additional Information

Wear protective equipment while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile #: PHLF15339
Project #: 76006-3-19

LSS

14. 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.

Generator's/Offeror's Printed/Typed Name

Signature

Month Day Year

Aison behalf of Generator J. Hightailing Jenelle

9 20 16

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year

MARCO MARTINEZ

Marco Martinez

9 20 16

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST

1 Generator ID Number
NOT REQUIRED

2 Page 1 of **1**

3 Emergency Response Phone
888-423-6060

4 Waste Tracking Number
7008136

5. Generator's Name and Mailing Address

Weingarten Realty
2600 Citadel Plaza Drive, Suite 300, Houston, Texas 77008

Generator's Site Address (if different than mailing address)

3895 E Castro Valley Blvd
Castro Valley, CA 94552

Generator's Phone
713-888-6855

6 Transporter 1 Company Name

American Integrated Services, Inc.

U.S. EPA ID Number

CAR000148338

7. Transporter 2 Company Name

U.S. EPA ID Number

8 Designated Facility Name and Site Address

Potrero Hills Landfill
3675 Potrero Hills Lane

U.S. EPA ID Number

NOT REQUIRED

Facility's Phone

Suisun, CA 94585

9 Waste Shipping Name and Description

1. **Non-Hazardous Waste Solid (Soil)**

10 Containers

No.

Type

11 Total Quantity

12 Unit Wt./Vol.

01

CM

18

Y

13. Special Handling Instructions and Additional Information

Wear protective equipment while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Project: **PHLF15339**

Project #: **76032**

B16155

14. 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

Generator's/Offoror's Printed/Typed Name

Charles Gurney

Signature

Charles Gurney

Month Day Year

8 | 24 | 16

15 International Shipments

Import to U.S.

Export from U.S.

Port of entry ext

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

MARCO ARVIZO

Signature

Marco Arviz

Month Day Year

8 | 24 | 16

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number:

U.S. EPA ID Number

17b. Alternate Facility (or Generator)

Facility's Phone

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 7a

Printed/Typed Name

Jco

Signature

Jco

Month Day Year

8 | 24 | 16

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94513

Deputy: Janea Quinonez
Deposit: Janea Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID: 542
Reference: PHLF15339L
Grid: 33
HaulCust#: ORIGIN-SEEDRIVER
DriverOn?: N
Route: 7008136 76032 B16155
TRLR/LP#: B16155

Origin: CASTRO VALLEY
DATE IN: 08/24/2016 TIME IN: 13:13:31
DATE OUT: 08/24/2016 TIME OUT: 13:43:35

INBOUND TICKET Number: 01-00700986

SCALE 1 GROSS WT.	67320 LB
SCALE 3 TARE WT.	35520 LB
NET WEIGHT	31800 LB

Qty	Description	Amount
15.90	Profile Soil-T Disp	

X _____

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.

X _____

(Deputy Signature)

This is to certify that this load does

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number

NOT REQUIRED

2. Page 1 of

1

3. Emergency Response Phone

888-423-6060

4. Waste Tracking Number

7008133

5. Generator's Name and Mailing Address

Weingarten Realty
2600 Citadel Plaza Drive, Suite 300, Houston, Texas 77008

Generator's Phone: **713-866-6855**

Generator's Site Address (if different than mailing address)

3895 E Castro Valley Blvd
Castro Valley, CA 94552

6. Transporter 1 Company Name

American Integrated Services, Inc.

US EPA ID Number

CAR000148338

7. Transporter 2 Company Name

US EPA ID Number

8. Designated Facility Name and Site Address

Potrero Hills Landfill
3675 Potrero Hills Lane

Facility's Phone: **Suisun, CA 94585**

US EPA ID Number

NOT REQUIRED

9. Waste Shipping Name and Description

1. **Non-Hazardous Waste Solid (Soil)**

10. Containers

No

Type

01

CM

11. Total Quantity

10

12. Unit Wt./Vol.

Y

13. Special Handling Instructions and Additional Information

Wear protective equipment while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060

Profile#: **PHLF15339 L**

Project #: **76032**

016079

14. 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.

Generator's/Offeror's Printed/Typed Name

Charles Gurney

Signature

Charles Gurney

Month Day Year

8 25 16

15. International Shipments

Import to U.S.

Export from U.S.

Port of entry/exit:

Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

MARCO ARVIZO

Signature

Marco Arviz

Month Day Year

8 25 16

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space

Quantity

Type

Residue

Partial Rejection

Full Rejection

Manifest Reference Number

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Jo

Signature

Jo

Month Day Year

8 26 16

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Vehicle ID?: 0536
Reference: PHLF15339L
Haul Cust #: ORIGIN-SEEDRIVER
DriverOn?: N
Route: 7008133 76032
Trailer: B16079
Origin: CASTRO VALLEY
DATE IN: 08/26/2016 TIME IN: 15:37:36
DATE OUT: 08/26/2016 TIME OUT: 15:50:45
Job: PHLF15339L
INBOUND TICKET Number: 01-701823

SCALE 1 GROSS WT.	49720 LB
SCALE 3 TARE WT.	26160 LB
NET WEIGHT	23560 LB

Qty	Description
11.78	Profile Soil-T Disp

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.

X _____
(Deputy Signature)

This is to certify that this load does not contain any hazardous materials, medical waste or liquids of any type.

X _____
(Driver Signature)

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number: **NOT REQUIRED**
 2. Page 1 of **1**
 3. Emergency Response Phone: **888-423-6060**
 4. Waste Tracking Number: **7008134**

5. Generator's Name and Mailing Address
Weingarten Realty
2600 Citadel Plaza Drive, Suite 300, Houston, Texas 77008
 Generator's Phone: **713-868-8855**

Generator's Site Address (if different than mailing address)
3895 E Castro Valley Blvd
Castro Valley, CA 94552

6. Transporter 1 Company Name: **American Integrated Services, Inc.** U.S. EPA ID Number: **CAR000148338**

7. Transporter 2 Company Name: U.S. EPA ID Number: **NOT REQUIRED**

8. Designated Facility Name and Site Address
Potrero Hills Landfill
3675 Potrero Hills Lane
 Facility's Phone: **Suburb, CA 94585**
 U.S. EPA ID Number: **NOT REQUIRED**

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol
	No.	Type		
1. Non-Hazardous Waste Solid (Soil)	1	CM	16	Y
2.				
3.				
4.				

13. Special Handling Instructions and Additional Information
Wear protective equipment while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060
 Project #: **PHLF15339**
 Project #: **76032**
B-16031

14. 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.

Generator's Offeror's Printed/Typed Name: **Charles Gurney**
 Signature: *Charles Gurney*
 Month Day Year: **8 29 16**

15. International Shipments: Import to U.S. Export from U.S.
 Transporter Signature (for exports only):
 Port of entry exit: _____
 Date leaving U.S.: _____

16. Transporter Acknowledgment of Receipt of Materials
 Transporter 1 Printed/Typed Name: **GILBERTO TRAZON**
 Signature: *Gilberto Trazon*
 Month Day Year: **8 29 16**
 Transporter 2 Printed/Typed Name: _____
 Signature: _____
 Month Day Year: _____

17. Discrepancy
 17a. Discrepancy Indication Space: Quantity Type Residue Partial Rejection Full Rejection

17b. Alternate Facility (or Generator): _____ Manifest Reference Number: _____ U.S. EPA ID Number: _____

Facility's Phone: _____
 17c. Signature of Alternate Facility (or Generator): _____ Month Day Year: _____

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in item 17a
 Printed/Typed Name: *[Signature]*
 Signature: *[Signature]*
 Month Day Year: **8 29 16**

B-16031

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Janee Quinonez
Deposit: Janee Quinonez
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID: 542
Reference: PHLF153J9L
Grid: 33
HaulCust#: ORIGIN-SEEDRIVER
DriverOn?: N
Route: 7008134 76032
TRLR/LP#: B16031

Origin: CASTRO VALLEY
DATE IN: 08/29/2016 TIME IN: 15:58:14
DATE OUT: 08/29/2016 TIME OUT: 16:58:43

INBOUND TICKET Number: 01-00702492

SCALE 1 GROSS WT. 68660 LB
SCALE 3 TARE WT. 35780 LB
NET WEIGHT 32880 LB

Qty	Description	Amount
16.44	Profile Soil-f Disp	

X _____

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.

X _____
(Deputy Signature)

NON-HAZARDOUS WASTE MANIFEST		1 Generator ID Number NOT REQUIRED	2 Page 1 of 1	3 Emergency Response Phone 888-423-6060	4 Waste Tracking Number 7008135
5 Generator's Name and Mailing Address Weingarten Realty 2600 Chiodo Plaza Drive, Suite 300, Houston, Texas 77008			Generator's Site Address (if different than mailing address) 3895 E Castro Valley Blvd Castro Valley, CA 94552		
Generator's Phone: 713-868-6855					
6 Transporter 1 Company Name American Integrated Services, Inc.			U.S. EPA ID Number CAR000148338		
7 Transporter 2 Company Name			U.S. EPA ID Number		
8 Designated Facility Name and Site Address Potrero Hills Landfill 3675 Potrero Hills Lane			U.S. EPA ID Number NOT REQUIRED		
Facility's Phone: Suisun, CA 94585					
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
		No.	Type		
1. Non-Hazardous Waste Solid (Soil)		1	CM	20	Y
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information					
Wear protective equipment while handling. Weights or volumes are approximate. 24 hour emergency number (888) 423-6060				Profile: PHLF15330 Project #: 76032	
ENV# 1361					
14. 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.					
Generator's/Offoror's Printed/Typed Name Charles Gurney		Signature <i>Charles Gurney</i>		Month 9	Day 3
				Year 16	
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name MARCO MARTINEZ		Signature <i>Marco Martinez</i>		Month 9	Day 3
				Year 16	
Transporter 2 Printed/Typed Name		Signature		Month	Day
				Year	
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number					
Facility's Phone:					
17c. Signature of Alternate Facility (or Generator) Month Day Year					
18 Designated Facility Owner or Operator. Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name Jd		Signature <i>Jd</i>		Month 9	Day 3
				Year 16	

POTRERO HILLS LANDFILL, INC.
Weighed at:
POTRERO HILLS LANDFILL, INC.
P.O. Box 68
FAIRFIELD, CA 94533

Deputy: Jaclyn Daleon
Deposit: Jaclyn Daleon
BILL TO: 2569
AMERICAN INTEGRATED SVC.

Vehicle ID: 00559
Reference: PHLF15339L
Grid: 33
HaulCust#: ORIGIN-SEEDRIVER
DriverOn?: N
Route: 7008135 76032
TRLR/LP#: BIN: 1361

Origin: CASTRO VALLEY
DATE IN: 09/03/2016 TIME IN: 06:02:36
DATE OUT: 09/03/2016 TIME OUT: 06:21:29

INBOUND TICKET Number: 01-00704230

SCALE 1 GROSS WT.	70720 LB
SCALE 3 TARE WT.	38440 LB
NET WEIGHT	32280 LB

Qty	Description	Amount
16.14	Profile Soil-T Disp	

X _____

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.

X _____
(Deputy Signature)

This is to certify that this load does

APPENDIX E

LABORATORY ANALYTICAL RESULTS

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

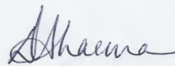
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-74088-1
Client Project/Site: 580 Market Place

For:
ATC Group Services LLC.
2400 Camino Ramon
Suite 360
San Ramon, California 94583

Attn: Kim Thai



Authorized for release by:
8/24/2016 4:15:37 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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- 14
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Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	8
Surrogate Summary	44
QC Sample Results	45
QC Association Summary	59
Lab Chronicle	61
Certification Summary	65
Method Summary	66
Sample Summary	67
Chain of Custody	68
Receipt Checklists	70

Definitions/Glossary

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD Recovery is outside acceptance limits.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Job ID: 720-74088-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-74088-1

Comments

No additional comments.

Receipt

The samples were received on 8/23/2016 4:10 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 18.3° C.

Receipt Exceptions

The following samples were listed on the Chain of Custody (COC); however, no samples were received: Did not receive sample: ESW2,2.0FT and ESW2,4.0FT. Logged to be inactive.

The following samples were submitted for analysis; however, it was not listed on the Chain-of-Custody (COC): Received 2 samples not on the COC sample ID: NSW2, 2.0FT and NSW2,4.0 FT with both having 4 ounce soil jars. Logged for 8260.

GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

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Detection Summary

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: B-2,0.5 FT

Lab Sample ID: 720-74088-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	1100		25		ug/Kg	1		8260B	Total/NA

Client Sample ID: C-2,0.5 FT

Lab Sample ID: 720-74088-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	290		23		ug/Kg	1		8260B	Total/NA

Client Sample ID: NSW1,2.0 FT

Lab Sample ID: 720-74088-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	42		4.7		ug/Kg	1		8260B	Total/NA
Tetrachloroethene	45		5.1		ug/Kg	1		8260B	Total/NA
Trichloroethene	92		4.7		ug/Kg	1		8260B	Total/NA

Client Sample ID: NSW1,4.0 FT

Lab Sample ID: 720-74088-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	210		4.8		ug/Kg	1		8260B	Total/NA
Trichloroethene	10		4.8		ug/Kg	1		8260B	Total/NA

Client Sample ID: BS1,4.0 FT

Lab Sample ID: 720-74088-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	72		4.9		ug/Kg	1		8260B	Total/NA
Trichloroethene	140		4.9		ug/Kg	1		8260B	Total/NA

Client Sample ID: A-2,5.2 FT

Lab Sample ID: 720-74088-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	7.2		5.0		ug/Kg	1		8260B	Total/NA
Tetrachloroethene	71		5.0		ug/Kg	1		8260B	Total/NA
Trichloroethene	8.7		5.0		ug/Kg	1		8260B	Total/NA

Client Sample ID: ESW1,2.0 FT

Lab Sample ID: 720-74088-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	70		49		ug/Kg	1		8260B	Total/NA
cis-1,2-Dichloroethene	12		4.9		ug/Kg	1		8260B	Total/NA
Trichloroethene	100		4.9		ug/Kg	1		8260B	Total/NA

Client Sample ID: ESW1,4.0 FT

Lab Sample ID: 720-74088-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	12		5.0		ug/Kg	1		8260B	Total/NA
Trichloroethene	14		5.0		ug/Kg	1		8260B	Total/NA

Client Sample ID: ESW2,2.0 FT

Lab Sample ID: 720-74088-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	14		4.8		ug/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: ESW2,2.0 FT (Continued)

Lab Sample ID: 720-74088-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	12		4.8		ug/Kg	1		8260B	Total/NA
Trichloroethene	22		4.8		ug/Kg	1		8260B	Total/NA

Client Sample ID: ESW2,4.0 FT

Lab Sample ID: 720-74088-12

No Detections.

Client Sample ID: ESW3,2.0 FT

Lab Sample ID: 720-74088-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	93		4.9		ug/Kg	1		8260B	Total/NA
Tetrachloroethene	180		5.0		ug/Kg	1		8260B	Total/NA
Trichloroethene	160		4.9		ug/Kg	1		8260B	Total/NA

Client Sample ID: ESW3,4.0 FT

Lab Sample ID: 720-74088-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	89		5.0		ug/Kg	1		8260B	Total/NA
Tetrachloroethene	12		5.0		ug/Kg	1		8260B	Total/NA
Trichloroethene	8.0		5.0		ug/Kg	1		8260B	Total/NA

Client Sample ID: SSW1,2.0 FT

Lab Sample ID: 720-74088-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	24		5.0		ug/Kg	1		8260B	Total/NA

Client Sample ID: SSW1,4.0 FT

Lab Sample ID: 720-74088-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	18		4.9		ug/Kg	1		8260B	Total/NA

Client Sample ID: SSW2,2.0 FT

Lab Sample ID: 720-74088-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	26		4.8		ug/Kg	1		8260B	Total/NA
Trichloroethene	12		4.8		ug/Kg	1		8260B	Total/NA

Client Sample ID: SSW2,4.0 FT

Lab Sample ID: 720-74088-18

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.5		4.9		ug/Kg	1		8260B	Total/NA
Tetrachloroethene	16		4.9		ug/Kg	1		8260B	Total/NA
Trichloroethene	9.6		4.9		ug/Kg	1		8260B	Total/NA

Client Sample ID: NSW2,2.0 FT

Lab Sample ID: 720-74088-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	24		5.0		ug/Kg	1		8260B	Total/NA
Tetrachloroethene	48		5.0		ug/Kg	1		8260B	Total/NA
Trichloroethene	48		5.0		ug/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: NSW2,4.0 FT

Lab Sample ID: 720-74088-20

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	130		49		ug/Kg	1		8260B	Total/NA
cis-1,2-Dichloroethene	120		4.9		ug/Kg	1		8260B	Total/NA
trans-1,2-Dichloroethene	5.6		4.9		ug/Kg	1		8260B	Total/NA
Tetrachloroethene	32		4.9		ug/Kg	1		8260B	Total/NA
Trichloroethene	52		4.9		ug/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

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Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: B-2,0.5 FT

Lab Sample ID: 720-74088-1

Date Collected: 08/23/16 11:00

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Acetone	ND		50		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Benzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Dichlorobromomethane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Bromobenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Chlorobromomethane	ND		20		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Bromoform	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Bromomethane	ND		10		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
2-Butanone (MEK)	ND		50		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
n-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
sec-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
tert-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Carbon disulfide	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Carbon tetrachloride	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Chlorobenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Chloroethane	ND		10		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Chloroform	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Chloromethane	ND		10		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
2-Chlorotoluene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
4-Chlorotoluene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Chlorodibromomethane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
1,3-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
1,1-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Ethylene Dibromide	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Dibromomethane	ND		10		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Dichlorodifluoromethane	ND		10		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
1,1-Dichloroethane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
1,2-Dichloroethane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
1,1-Dichloroethene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
1,2-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Ethylbenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Hexachlorobutadiene	ND	F1	5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
2-Hexanone	ND		50		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Isopropylbenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
4-Isopropyltoluene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Methylene Chloride	ND		10		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Naphthalene	ND		10		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
N-Propylbenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Styrene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: B-2,0.5 FT

Lab Sample ID: 720-74088-1

Date Collected: 08/23/16 11:00

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Tetrachloroethene	1100		25		ug/Kg		08/24/16 09:31	08/24/16 12:54	1
Toluene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
1,2,3-Trichlorobenzene	ND	F1	5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Trichloroethene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Trichlorofluoromethane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Vinyl acetate	ND		20		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Vinyl chloride	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Xylenes, Total	ND		10		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
2,2-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 21:56	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		45 - 131				08/23/16 19:07	08/23/16 21:56	1
4-Bromofluorobenzene	101		45 - 131				08/24/16 09:31	08/24/16 12:54	1
1,2-Dichloroethane-d4 (Surr)	109		60 - 140				08/23/16 19:07	08/23/16 21:56	1
1,2-Dichloroethane-d4 (Surr)	99		60 - 140				08/24/16 09:31	08/24/16 12:54	1
Toluene-d8 (Surr)	100		58 - 140				08/23/16 19:07	08/23/16 21:56	1
Toluene-d8 (Surr)	103		58 - 140				08/24/16 09:31	08/24/16 12:54	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: C-2,0.5 FT

Lab Sample ID: 720-74088-2

Date Collected: 08/23/16 11:00

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Acetone	ND		50		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Benzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Dichlorobromomethane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Bromobenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Chlorobromomethane	ND		20		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Bromoform	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Bromomethane	ND		9.9		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
2-Butanone (MEK)	ND		50		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
n-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
sec-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
tert-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Carbon disulfide	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Carbon tetrachloride	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Chlorobenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Chloroethane	ND		9.9		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Chloroform	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Chloromethane	ND		9.9		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
2-Chlorotoluene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
4-Chlorotoluene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Chlorodibromomethane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
1,3-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
1,1-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Ethylene Dibromide	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Dibromomethane	ND		9.9		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Dichlorodifluoromethane	ND		9.9		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
1,1-Dichloroethane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
1,2-Dichloroethane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
1,1-Dichloroethene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
1,2-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Ethylbenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Hexachlorobutadiene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
2-Hexanone	ND		50		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Isopropylbenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
4-Isopropyltoluene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Methylene Chloride	ND		9.9		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Naphthalene	ND		9.9		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
N-Propylbenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Styrene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: C-2,0.5 FT

Lab Sample ID: 720-74088-2

Date Collected: 08/23/16 11:00

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Tetrachloroethene	290		23		ug/Kg		08/24/16 09:31	08/24/16 12:23	1
Toluene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Trichloroethene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Trichlorofluoromethane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Vinyl acetate	ND		20		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Vinyl chloride	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Xylenes, Total	ND		9.9		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
2,2-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:07	08/23/16 22:25	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	86		45 - 131				08/23/16 19:07	08/23/16 22:25	1
4-Bromofluorobenzene	101		45 - 131				08/24/16 09:31	08/24/16 12:23	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 140				08/23/16 19:07	08/23/16 22:25	1
1,2-Dichloroethane-d4 (Surr)	97		60 - 140				08/24/16 09:31	08/24/16 12:23	1
Toluene-d8 (Surr)	97		58 - 140				08/23/16 19:07	08/23/16 22:25	1
Toluene-d8 (Surr)	104		58 - 140				08/24/16 09:31	08/24/16 12:23	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: NSW1,2.0 FT

Lab Sample ID: 720-74088-3

Date Collected: 08/23/16 12:30

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Acetone	ND		47		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Benzene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Dichlorobromomethane	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Bromobenzene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Chlorobromomethane	ND		19		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Bromoform	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Bromomethane	ND		9.5		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
2-Butanone (MEK)	ND		47		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
n-Butylbenzene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
sec-Butylbenzene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
tert-Butylbenzene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Carbon disulfide	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Carbon tetrachloride	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Chlorobenzene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Chloroethane	ND		9.5		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Chloroform	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Chloromethane	ND		9.5		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
2-Chlorotoluene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
4-Chlorotoluene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Chlorodibromomethane	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
1,2-Dichlorobenzene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
1,3-Dichlorobenzene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
1,4-Dichlorobenzene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
1,3-Dichloropropane	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
1,1-Dichloropropene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
1,2-Dibromo-3-Chloropropane	ND		9.5		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Ethylene Dibromide	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Dibromomethane	ND		9.5		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Dichlorodifluoromethane	ND		9.5		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
1,1-Dichloroethane	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
1,2-Dichloroethane	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
1,1-Dichloroethene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
cis-1,2-Dichloroethene	42		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
trans-1,2-Dichloroethene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
1,2-Dichloropropane	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
cis-1,3-Dichloropropene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
trans-1,3-Dichloropropene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Ethylbenzene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Hexachlorobutadiene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
2-Hexanone	ND		47		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Isopropylbenzene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
4-Isopropyltoluene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Methylene Chloride	ND		9.5		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
4-Methyl-2-pentanone (MIBK)	ND		47		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Naphthalene	ND		9.5		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
N-Propylbenzene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Styrene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
1,1,1,2-Tetrachloroethane	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: NSW1,2.0 FT

Lab Sample ID: 720-74088-3

Date Collected: 08/23/16 12:30

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Tetrachloroethene	45		5.1		ug/Kg		08/24/16 09:31	08/24/16 13:55	1
Toluene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
1,2,3-Trichlorobenzene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
1,2,4-Trichlorobenzene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
1,1,1-Trichloroethane	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
1,1,2-Trichloroethane	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Trichloroethene	92		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Trichlorofluoromethane	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
1,2,3-Trichloropropane	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
1,2,4-Trimethylbenzene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
1,3,5-Trimethylbenzene	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Vinyl acetate	ND		19		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Vinyl chloride	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
Xylenes, Total	ND		9.5		ug/Kg		08/23/16 19:07	08/23/16 22:54	1
2,2-Dichloropropane	ND		4.7		ug/Kg		08/23/16 19:07	08/23/16 22:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		45 - 131	08/23/16 19:07	08/23/16 22:54	1
4-Bromofluorobenzene	102		45 - 131	08/24/16 09:31	08/24/16 13:55	1
1,2-Dichloroethane-d4 (Surr)	101		60 - 140	08/23/16 19:07	08/23/16 22:54	1
1,2-Dichloroethane-d4 (Surr)	100		60 - 140	08/24/16 09:31	08/24/16 13:55	1
Toluene-d8 (Surr)	98		58 - 140	08/23/16 19:07	08/23/16 22:54	1
Toluene-d8 (Surr)	103		58 - 140	08/24/16 09:31	08/24/16 13:55	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: NSW1,4.0 FT

Lab Sample ID: 720-74088-4

Date Collected: 08/23/16 12:30

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Acetone	ND		48		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Benzene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Dichlorobromomethane	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Bromobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Chlorobromomethane	ND		19		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Bromoform	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Bromomethane	ND		9.7		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
2-Butanone (MEK)	ND		48		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
n-Butylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
sec-Butylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
tert-Butylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Carbon disulfide	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Carbon tetrachloride	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Chlorobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Chloroethane	ND		9.7		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Chloroform	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Chloromethane	ND		9.7		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
2-Chlorotoluene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
4-Chlorotoluene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Chlorodibromomethane	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
1,3-Dichloropropane	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
1,1-Dichloropropene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Ethylene Dibromide	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Dibromomethane	ND		9.7		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Dichlorodifluoromethane	ND		9.7		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
1,1-Dichloroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
1,2-Dichloroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
1,1-Dichloroethene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
cis-1,2-Dichloroethene	210		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
1,2-Dichloropropane	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Ethylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Hexachlorobutadiene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
2-Hexanone	ND		48		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Isopropylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
4-Isopropyltoluene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Methylene Chloride	ND		9.7		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Naphthalene	ND		9.7		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
N-Propylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Styrene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: NSW1,4.0 FT

Lab Sample ID: 720-74088-4

Date Collected: 08/23/16 12:30

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Tetrachloroethene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Toluene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Trichloroethene	10		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Trichlorofluoromethane	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Vinyl acetate	ND		19		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Vinyl chloride	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Xylenes, Total	ND		9.7		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
2,2-Dichloropropane	ND		4.8		ug/Kg		08/23/16 19:08	08/23/16 23:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	95		45 - 131				08/23/16 19:08	08/23/16 23:24	1
1,2-Dichloroethane-d4 (Surr)	107		60 - 140				08/23/16 19:08	08/23/16 23:24	1
Toluene-d8 (Surr)	99		58 - 140				08/23/16 19:08	08/23/16 23:24	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: BS1,4.0 FT

Lab Sample ID: 720-74088-5

Date Collected: 08/23/16 12:30

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Acetone	ND		49		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Benzene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Dichlorobromomethane	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Bromobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Chlorobromomethane	ND		20		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Bromoform	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Bromomethane	ND		9.8		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
2-Butanone (MEK)	ND		49		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
n-Butylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
sec-Butylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
tert-Butylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Carbon disulfide	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Carbon tetrachloride	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Chlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Chloroethane	ND		9.8		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Chloroform	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Chloromethane	ND		9.8		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
2-Chlorotoluene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
4-Chlorotoluene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Chlorodibromomethane	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
1,3-Dichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
1,1-Dichloropropene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Ethylene Dibromide	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Dibromomethane	ND		9.8		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Dichlorodifluoromethane	ND		9.8		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
1,1-Dichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
1,2-Dichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
1,1-Dichloroethene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
cis-1,2-Dichloroethene	72		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
1,2-Dichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Ethylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Hexachlorobutadiene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
2-Hexanone	ND		49		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Isopropylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
4-Isopropyltoluene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Methylene Chloride	ND		9.8		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Naphthalene	ND		9.8		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
N-Propylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Styrene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: BS1,4.0 FT

Lab Sample ID: 720-74088-5

Date Collected: 08/23/16 12:30

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Tetrachloroethene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Toluene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Trichloroethene	140		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Trichlorofluoromethane	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Vinyl acetate	ND		20		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Vinyl chloride	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Xylenes, Total	ND		9.8		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/23/16 23:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		45 - 131				08/23/16 19:08	08/23/16 23:53	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 140				08/23/16 19:08	08/23/16 23:53	1
Toluene-d8 (Surr)	100		58 - 140				08/23/16 19:08	08/23/16 23:53	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: A-2,5.2 FT

Lab Sample ID: 720-74088-6

Date Collected: 08/23/16 13:05

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Acetone	ND		50		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Benzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Dichlorobromomethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Bromobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Chlorobromomethane	ND		20		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Bromoform	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Bromomethane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
2-Butanone (MEK)	ND		50		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
n-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
sec-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
tert-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Carbon disulfide	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Carbon tetrachloride	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Chlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Chloroethane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Chloroform	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Chloromethane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
2-Chlorotoluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
4-Chlorotoluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Chlorodibromomethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
1,3-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
1,1-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Ethylene Dibromide	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Dibromomethane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Dichlorodifluoromethane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
1,1-Dichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
1,2-Dichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
1,1-Dichloroethene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
cis-1,2-Dichloroethene	7.2		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
1,2-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Ethylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Hexachlorobutadiene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
2-Hexanone	ND		50		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Isopropylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
4-Isopropyltoluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Methylene Chloride	ND		10		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Naphthalene	ND		10		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
N-Propylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Styrene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: A-2,5.2 FT

Lab Sample ID: 720-74088-6

Date Collected: 08/23/16 13:05

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Tetrachloroethene	71		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Toluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Trichloroethene	8.7		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Trichlorofluoromethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Vinyl acetate	ND		20		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Vinyl chloride	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Xylenes, Total	ND		10		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
2,2-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 00:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		45 - 131				08/23/16 19:08	08/24/16 00:23	1
1,2-Dichloroethane-d4 (Surr)	105		60 - 140				08/23/16 19:08	08/24/16 00:23	1
Toluene-d8 (Surr)	99		58 - 140				08/23/16 19:08	08/24/16 00:23	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: ESW1,2.0 FT

Lab Sample ID: 720-74088-7

Date Collected: 08/23/16 13:45

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Acetone	70		49		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Benzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Dichlorobromomethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Bromobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Chlorobromomethane	ND		20		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Bromoform	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Bromomethane	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
2-Butanone (MEK)	ND		49		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
n-Butylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
sec-Butylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
tert-Butylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Carbon disulfide	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Carbon tetrachloride	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Chlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Chloroethane	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Chloroform	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Chloromethane	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
2-Chlorotoluene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
4-Chlorotoluene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Chlorodibromomethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
1,3-Dichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
1,1-Dichloropropene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Ethylene Dibromide	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Dibromomethane	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Dichlorodifluoromethane	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
1,1-Dichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
1,2-Dichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
1,1-Dichloroethene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
cis-1,2-Dichloroethene	12		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
1,2-Dichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Ethylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Hexachlorobutadiene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
2-Hexanone	ND		49		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Isopropylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
4-Isopropyltoluene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Methylene Chloride	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Naphthalene	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
N-Propylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Styrene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: ESW1,2.0 FT

Lab Sample ID: 720-74088-7

Date Collected: 08/23/16 13:45

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Tetrachloroethene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Toluene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Trichloroethene	100		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Trichlorofluoromethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Vinyl acetate	ND		20		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Vinyl chloride	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Xylenes, Total	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 00:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	87		45 - 131				08/23/16 19:08	08/24/16 00:52	1
1,2-Dichloroethane-d4 (Surr)	104		60 - 140				08/23/16 19:08	08/24/16 00:52	1
Toluene-d8 (Surr)	97		58 - 140				08/23/16 19:08	08/24/16 00:52	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: ESW1,4.0 FT

Lab Sample ID: 720-74088-8

Date Collected: 08/23/16 13:45

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Acetone	ND		50		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Benzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Dichlorobromomethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Bromobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Chlorobromomethane	ND		20		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Bromoform	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Bromomethane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
2-Butanone (MEK)	ND		50		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
n-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
sec-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
tert-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Carbon disulfide	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Carbon tetrachloride	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Chlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Chloroethane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Chloroform	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Chloromethane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
2-Chlorotoluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
4-Chlorotoluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Chlorodibromomethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
1,3-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
1,1-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Ethylene Dibromide	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Dibromomethane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Dichlorodifluoromethane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
1,1-Dichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
1,2-Dichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
1,1-Dichloroethene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
cis-1,2-Dichloroethene	12		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
1,2-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Ethylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Hexachlorobutadiene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
2-Hexanone	ND		50		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Isopropylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
4-Isopropyltoluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Methylene Chloride	ND		10		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Naphthalene	ND		10		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
N-Propylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Styrene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: ESW1,4.0 FT

Lab Sample ID: 720-74088-8

Date Collected: 08/23/16 13:45

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Tetrachloroethene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Toluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Trichloroethene	14		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Trichlorofluoromethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Vinyl acetate	ND		20		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Vinyl chloride	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Xylenes, Total	ND		10		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
2,2-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 01:21	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		45 - 131				08/23/16 19:08	08/24/16 01:21	1
1,2-Dichloroethane-d4 (Surr)	102		60 - 140				08/23/16 19:08	08/24/16 01:21	1
Toluene-d8 (Surr)	98		58 - 140				08/23/16 19:08	08/24/16 01:21	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: ESW2,2.0 FT

Lab Sample ID: 720-74088-11

Date Collected: 08/23/16 13:55

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Acetone	ND		48		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Benzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Dichlorobromomethane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Bromobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Chlorobromomethane	ND		19		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Bromoform	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Bromomethane	ND		9.6		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
2-Butanone (MEK)	ND		48		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
n-Butylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
sec-Butylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
tert-Butylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Carbon disulfide	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Carbon tetrachloride	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Chlorobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Chloroethane	ND		9.6		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Chloroform	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Chloromethane	ND		9.6		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
2-Chlorotoluene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
4-Chlorotoluene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Chlorodibromomethane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
1,3-Dichloropropane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
1,1-Dichloropropene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
1,2-Dibromo-3-Chloropropane	ND		9.6		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Ethylene Dibromide	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Dibromomethane	ND		9.6		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Dichlorodifluoromethane	ND		9.6		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
1,1-Dichloroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
1,2-Dichloroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
1,1-Dichloroethene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
cis-1,2-Dichloroethene	14		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
1,2-Dichloropropane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Ethylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Hexachlorobutadiene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
2-Hexanone	ND		48		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Isopropylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
4-Isopropyltoluene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Methylene Chloride	ND		9.6		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Naphthalene	ND		9.6		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
N-Propylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Styrene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: ESW2,2.0 FT

Lab Sample ID: 720-74088-11

Date Collected: 08/23/16 13:55

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Tetrachloroethene	12		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Toluene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Trichloroethene	22		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Trichlorofluoromethane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Vinyl acetate	ND		19		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Vinyl chloride	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
Xylenes, Total	ND		9.6		ug/Kg		08/23/16 19:08	08/24/16 01:50	1
2,2-Dichloropropane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 01:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		45 - 131	08/23/16 19:08	08/24/16 01:50	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 140	08/23/16 19:08	08/24/16 01:50	1
Toluene-d8 (Surr)	98		58 - 140	08/23/16 19:08	08/24/16 01:50	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: ESW2,4.0 FT

Lab Sample ID: 720-74088-12

Date Collected: 08/23/16 13:55

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Acetone	ND		50		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Benzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Dichlorobromomethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Bromobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Chlorobromomethane	ND		20		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Bromoform	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Bromomethane	ND		9.9		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
2-Butanone (MEK)	ND		50		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
n-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
sec-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
tert-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Carbon disulfide	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Carbon tetrachloride	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Chlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Chloroethane	ND		9.9		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Chloroform	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Chloromethane	ND		9.9		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
2-Chlorotoluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
4-Chlorotoluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Chlorodibromomethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
1,3-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
1,1-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Ethylene Dibromide	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Dibromomethane	ND		9.9		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Dichlorodifluoromethane	ND		9.9		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
1,1-Dichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
1,2-Dichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
1,1-Dichloroethene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
1,2-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Ethylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Hexachlorobutadiene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
2-Hexanone	ND		50		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Isopropylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
4-Isopropyltoluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Methylene Chloride	ND		9.9		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Naphthalene	ND		9.9		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
N-Propylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Styrene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: ESW2,4.0 FT

Lab Sample ID: 720-74088-12

Date Collected: 08/23/16 13:55

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Tetrachloroethene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Toluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Trichloroethene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Trichlorofluoromethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Vinyl acetate	ND		20		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Vinyl chloride	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
Xylenes, Total	ND		9.9		ug/Kg		08/23/16 19:08	08/24/16 02:19	1
2,2-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		45 - 131	08/23/16 19:08	08/24/16 02:19	1
1,2-Dichloroethane-d4 (Surr)	102		60 - 140	08/23/16 19:08	08/24/16 02:19	1
Toluene-d8 (Surr)	97		58 - 140	08/23/16 19:08	08/24/16 02:19	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: ESW3,2.0 FT

Lab Sample ID: 720-74088-13

Date Collected: 08/23/16 14:10

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Acetone	ND		49		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Benzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Dichlorobromomethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Bromobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Chlorobromomethane	ND		19		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Bromoform	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Bromomethane	ND		9.7		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
2-Butanone (MEK)	ND		49		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
n-Butylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
sec-Butylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
tert-Butylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Carbon disulfide	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Carbon tetrachloride	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Chlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Chloroethane	ND		9.7		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Chloroform	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Chloromethane	ND		9.7		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
2-Chlorotoluene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
4-Chlorotoluene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Chlorodibromomethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
1,3-Dichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
1,1-Dichloropropene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Ethylene Dibromide	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Dibromomethane	ND		9.7		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Dichlorodifluoromethane	ND		9.7		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
1,1-Dichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
1,2-Dichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
1,1-Dichloroethene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
cis-1,2-Dichloroethene	93		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
1,2-Dichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Ethylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Hexachlorobutadiene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
2-Hexanone	ND		49		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Isopropylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
4-Isopropyltoluene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Methylene Chloride	ND		9.7		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Naphthalene	ND		9.7		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
N-Propylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Styrene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: ESW3,2.0 FT

Lab Sample ID: 720-74088-13

Date Collected: 08/23/16 14:10

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Tetrachloroethene	180		5.0		ug/Kg		08/24/16 13:54	08/24/16 14:26	1
Toluene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Trichloroethene	160		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Trichlorofluoromethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Vinyl acetate	ND		19		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Vinyl chloride	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
Xylenes, Total	ND		9.7		ug/Kg		08/23/16 19:08	08/24/16 10:59	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 10:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		45 - 131	08/23/16 19:08	08/24/16 10:59	1
4-Bromofluorobenzene	104		45 - 131	08/24/16 13:54	08/24/16 14:26	1
1,2-Dichloroethane-d4 (Surr)	101		60 - 140	08/23/16 19:08	08/24/16 10:59	1
1,2-Dichloroethane-d4 (Surr)	99		60 - 140	08/24/16 13:54	08/24/16 14:26	1
Toluene-d8 (Surr)	97		58 - 140	08/23/16 19:08	08/24/16 10:59	1
Toluene-d8 (Surr)	102		58 - 140	08/24/16 13:54	08/24/16 14:26	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: ESW3,4.0 FT

Lab Sample ID: 720-74088-14

Date Collected: 08/23/16 14:10

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Acetone	ND		50		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Benzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Dichlorobromomethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Bromobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Chlorobromomethane	ND		20		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Bromoform	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Bromomethane	ND		9.9		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
2-Butanone (MEK)	ND		50		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
n-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
sec-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
tert-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Carbon disulfide	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Carbon tetrachloride	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Chlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Chloroethane	ND		9.9		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Chloroform	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Chloromethane	ND		9.9		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
2-Chlorotoluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
4-Chlorotoluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Chlorodibromomethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
1,3-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
1,1-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Ethylene Dibromide	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Dibromomethane	ND		9.9		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Dichlorodifluoromethane	ND		9.9		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
1,1-Dichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
1,2-Dichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
1,1-Dichloroethene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
cis-1,2-Dichloroethene	89		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
1,2-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Ethylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Hexachlorobutadiene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
2-Hexanone	ND		50		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Isopropylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
4-Isopropyltoluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Methylene Chloride	ND		9.9		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Naphthalene	ND		9.9		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
N-Propylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Styrene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: ESW3,4.0 FT

Lab Sample ID: 720-74088-14

Date Collected: 08/23/16 14:10

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Tetrachloroethene	12		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Toluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Trichloroethene	8.0		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Trichlorofluoromethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Vinyl acetate	ND		20		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Vinyl chloride	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
Xylenes, Total	ND		9.9		ug/Kg		08/23/16 19:08	08/24/16 02:49	1
2,2-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 02:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		45 - 131	08/23/16 19:08	08/24/16 02:49	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 140	08/23/16 19:08	08/24/16 02:49	1
Toluene-d8 (Surr)	98		58 - 140	08/23/16 19:08	08/24/16 02:49	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: SSW1,2.0 FT

Lab Sample ID: 720-74088-15

Date Collected: 08/23/16 15:15

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Acetone	ND		50		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Benzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Dichlorobromomethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Bromobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Chlorobromomethane	ND		20		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Bromoform	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Bromomethane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
2-Butanone (MEK)	ND		50		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
n-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
sec-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
tert-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Carbon disulfide	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Carbon tetrachloride	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Chlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Chloroethane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Chloroform	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Chloromethane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
2-Chlorotoluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
4-Chlorotoluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Chlorodibromomethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
1,3-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
1,1-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Ethylene Dibromide	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Dibromomethane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Dichlorodifluoromethane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
1,1-Dichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
1,2-Dichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
1,1-Dichloroethene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
1,2-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Ethylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Hexachlorobutadiene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
2-Hexanone	ND		50		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Isopropylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
4-Isopropyltoluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Methylene Chloride	ND		10		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Naphthalene	ND		10		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
N-Propylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Styrene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: SSW1,2.0 FT

Lab Sample ID: 720-74088-15

Date Collected: 08/23/16 15:15

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Tetrachloroethene	24		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Toluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Trichloroethene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Trichlorofluoromethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Vinyl acetate	ND		20		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Vinyl chloride	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
Xylenes, Total	ND		10		ug/Kg		08/23/16 19:08	08/24/16 03:18	1
2,2-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 03:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		45 - 131	08/23/16 19:08	08/24/16 03:18	1
1,2-Dichloroethane-d4 (Surr)	101		60 - 140	08/23/16 19:08	08/24/16 03:18	1
Toluene-d8 (Surr)	97		58 - 140	08/23/16 19:08	08/24/16 03:18	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: SSW1,4.0 FT

Lab Sample ID: 720-74088-16

Date Collected: 08/23/16 15:15

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Acetone	ND		49		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Benzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Dichlorobromomethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Bromobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Chlorobromomethane	ND		19		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Bromoform	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Bromomethane	ND		9.7		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
2-Butanone (MEK)	ND		49		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
n-Butylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
sec-Butylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
tert-Butylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Carbon disulfide	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Carbon tetrachloride	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Chlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Chloroethane	ND		9.7		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Chloroform	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Chloromethane	ND		9.7		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
2-Chlorotoluene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
4-Chlorotoluene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Chlorodibromomethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
1,3-Dichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
1,1-Dichloropropene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Ethylene Dibromide	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Dibromomethane	ND		9.7		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Dichlorodifluoromethane	ND		9.7		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
1,1-Dichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
1,2-Dichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
1,1-Dichloroethene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
1,2-Dichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Ethylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Hexachlorobutadiene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
2-Hexanone	ND		49		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Isopropylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
4-Isopropyltoluene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Methylene Chloride	ND		9.7		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Naphthalene	ND		9.7		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
N-Propylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Styrene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: SSW1,4.0 FT

Lab Sample ID: 720-74088-16

Date Collected: 08/23/16 15:15

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Tetrachloroethene	18		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Toluene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Trichloroethene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Trichlorofluoromethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Vinyl acetate	ND		19		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Vinyl chloride	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
Xylenes, Total	ND		9.7		ug/Kg		08/23/16 19:08	08/24/16 03:48	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 03:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		45 - 131	08/23/16 19:08	08/24/16 03:48	1
1,2-Dichloroethane-d4 (Surr)	102		60 - 140	08/23/16 19:08	08/24/16 03:48	1
Toluene-d8 (Surr)	99		58 - 140	08/23/16 19:08	08/24/16 03:48	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: SSW2,2.0 FT

Lab Sample ID: 720-74088-17

Date Collected: 08/23/16 15:20

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Acetone	ND		48		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Benzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Dichlorobromomethane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Bromobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Chlorobromomethane	ND		19		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Bromoform	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Bromomethane	ND		9.6		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
2-Butanone (MEK)	ND		48		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
n-Butylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
sec-Butylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
tert-Butylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Carbon disulfide	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Carbon tetrachloride	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Chlorobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Chloroethane	ND		9.6		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Chloroform	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Chloromethane	ND		9.6		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
2-Chlorotoluene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
4-Chlorotoluene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Chlorodibromomethane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
1,3-Dichloropropane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
1,1-Dichloropropene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
1,2-Dibromo-3-Chloropropane	ND		9.6		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Ethylene Dibromide	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Dibromomethane	ND		9.6		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Dichlorodifluoromethane	ND		9.6		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
1,1-Dichloroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
1,2-Dichloroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
1,1-Dichloroethene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
1,2-Dichloropropane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Ethylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Hexachlorobutadiene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
2-Hexanone	ND		48		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Isopropylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
4-Isopropyltoluene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Methylene Chloride	ND		9.6		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Naphthalene	ND		9.6		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
N-Propylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Styrene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: SSW2,2.0 FT

Lab Sample ID: 720-74088-17

Date Collected: 08/23/16 15:20

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Tetrachloroethene	26		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Toluene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Trichloroethene	12		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Trichlorofluoromethane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Vinyl acetate	ND		19		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Vinyl chloride	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Xylenes, Total	ND		9.6		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
2,2-Dichloropropane	ND		4.8		ug/Kg		08/23/16 19:08	08/24/16 04:17	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		45 - 131				08/23/16 19:08	08/24/16 04:17	1
1,2-Dichloroethane-d4 (Surr)	104		60 - 140				08/23/16 19:08	08/24/16 04:17	1
Toluene-d8 (Surr)	97		58 - 140				08/23/16 19:08	08/24/16 04:17	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: SSW2,4.0 FT

Lab Sample ID: 720-74088-18

Date Collected: 08/23/16 15:20

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Acetone	ND		49		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Benzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Dichlorobromomethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Bromobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Chlorobromomethane	ND		20		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Bromoform	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Bromomethane	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
2-Butanone (MEK)	ND		49		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
n-Butylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
sec-Butylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
tert-Butylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Carbon disulfide	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Carbon tetrachloride	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Chlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Chloroethane	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Chloroform	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Chloromethane	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
2-Chlorotoluene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
4-Chlorotoluene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Chlorodibromomethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
1,3-Dichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
1,1-Dichloropropene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Ethylene Dibromide	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Dibromomethane	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Dichlorodifluoromethane	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
1,1-Dichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
1,2-Dichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
1,1-Dichloroethene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
cis-1,2-Dichloroethene	5.5		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
1,2-Dichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Ethylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Hexachlorobutadiene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
2-Hexanone	ND		49		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Isopropylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
4-Isopropyltoluene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Methylene Chloride	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Naphthalene	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
N-Propylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Styrene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: SSW2,4.0 FT

Lab Sample ID: 720-74088-18

Date Collected: 08/23/16 15:20

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Tetrachloroethene	16		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Toluene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Trichloroethene	9.6		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Trichlorofluoromethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Vinyl acetate	ND		20		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Vinyl chloride	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
Xylenes, Total	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 04:46	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 04:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		45 - 131	08/23/16 19:08	08/24/16 04:46	1
1,2-Dichloroethane-d4 (Surr)	106		60 - 140	08/23/16 19:08	08/24/16 04:46	1
Toluene-d8 (Surr)	98		58 - 140	08/23/16 19:08	08/24/16 04:46	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: NSW2,2.0 FT

Lab Sample ID: 720-74088-19

Date Collected: 08/23/16 13:30

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Acetone	ND		50		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Benzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Dichlorobromomethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Bromobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Chlorobromomethane	ND		20		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Bromoform	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Bromomethane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
2-Butanone (MEK)	ND		50		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
n-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
sec-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
tert-Butylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Carbon disulfide	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Carbon tetrachloride	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Chlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Chloroethane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Chloroform	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Chloromethane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
2-Chlorotoluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
4-Chlorotoluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Chlorodibromomethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
1,3-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
1,1-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Ethylene Dibromide	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Dibromomethane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Dichlorodifluoromethane	ND		10		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
1,1-Dichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
1,2-Dichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
1,1-Dichloroethene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
cis-1,2-Dichloroethene	24		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
1,2-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Ethylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Hexachlorobutadiene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
2-Hexanone	ND		50		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Isopropylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
4-Isopropyltoluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Methylene Chloride	ND		10		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Naphthalene	ND		10		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
N-Propylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Styrene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: NSW2,2.0 FT

Lab Sample ID: 720-74088-19

Date Collected: 08/23/16 13:30

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Tetrachloroethene	48		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Toluene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Trichloroethene	48		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Trichlorofluoromethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Vinyl acetate	ND		20		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Vinyl chloride	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
Xylenes, Total	ND		10		ug/Kg		08/23/16 19:08	08/24/16 05:15	1
2,2-Dichloropropane	ND		5.0		ug/Kg		08/23/16 19:08	08/24/16 05:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		45 - 131	08/23/16 19:08	08/24/16 05:15	1
1,2-Dichloroethane-d4 (Surr)	104		60 - 140	08/23/16 19:08	08/24/16 05:15	1
Toluene-d8 (Surr)	98		58 - 140	08/23/16 19:08	08/24/16 05:15	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: NSW2,4.0 FT

Lab Sample ID: 720-74088-20

Date Collected: 08/23/16 13:30

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Acetone	130		49		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Benzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Dichlorobromomethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Bromobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Chlorobromomethane	ND		20		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Bromoform	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Bromomethane	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
2-Butanone (MEK)	ND		49		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
n-Butylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
sec-Butylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
tert-Butylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Carbon disulfide	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Carbon tetrachloride	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Chlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Chloroethane	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Chloroform	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Chloromethane	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
2-Chlorotoluene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
4-Chlorotoluene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Chlorodibromomethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
1,3-Dichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
1,1-Dichloropropene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Ethylene Dibromide	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Dibromomethane	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Dichlorodifluoromethane	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
1,1-Dichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
1,2-Dichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
1,1-Dichloroethene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
cis-1,2-Dichloroethene	120		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
trans-1,2-Dichloroethene	5.6		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
1,2-Dichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Ethylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Hexachlorobutadiene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
2-Hexanone	ND		49		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Isopropylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
4-Isopropyltoluene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Methylene Chloride	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Naphthalene	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
N-Propylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Styrene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: NSW2,4.0 FT

Lab Sample ID: 720-74088-20

Date Collected: 08/23/16 13:30

Matrix: Solid

Date Received: 08/23/16 16:10

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Tetrachloroethene	32		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Toluene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Trichloroethene	52		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Trichlorofluoromethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Vinyl acetate	ND		20		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Vinyl chloride	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
Xylenes, Total	ND		9.8		ug/Kg		08/23/16 19:08	08/24/16 05:44	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/23/16 19:08	08/24/16 05:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		45 - 131	08/23/16 19:08	08/24/16 05:44	1
1,2-Dichloroethane-d4 (Surr)	106		60 - 140	08/23/16 19:08	08/24/16 05:44	1
Toluene-d8 (Surr)	97		58 - 140	08/23/16 19:08	08/24/16 05:44	1

Surrogate Summary

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (45-131)	12DCE (60-140)	TOL (58-140)
720-74088-1	B-2,0.5 FT	96	109	100
720-74088-1	B-2,0.5 FT	101	99	103
720-74088-1 MS	B-2,0.5 FT	87	104	97
720-74088-1 MSD	B-2,0.5 FT	88	101	98
720-74088-2	C-2,0.5 FT	86	103	97
720-74088-2	C-2,0.5 FT	101	97	104
720-74088-3	NSW1,2.0 FT	92	101	98
720-74088-3	NSW1,2.0 FT	102	100	103
720-74088-4	NSW1,4.0 FT	95	107	99
720-74088-5	BS1,4.0 FT	93	103	100
720-74088-6	A-2,5.2 FT	94	105	99
720-74088-7	ESW1,2.0 FT	87	104	97
720-74088-8	ESW1,4.0 FT	93	102	98
720-74088-11	ESW2,2.0 FT	92	103	98
720-74088-12	ESW2,4.0 FT	92	102	97
720-74088-13	ESW3,2.0 FT	92	101	97
720-74088-13	ESW3,2.0 FT	104	99	102
720-74088-14	ESW3,4.0 FT	92	103	98
720-74088-15	SSW1,2.0 FT	91	101	97
720-74088-16	SSW1,4.0 FT	91	102	99
720-74088-17	SSW2,2.0 FT	91	104	97
720-74088-18	SSW2,4.0 FT	90	106	98
720-74088-19	NSW2,2.0 FT	90	104	98
720-74088-20	NSW2,4.0 FT	88	106	97
LCS 720-208108/5	Lab Control Sample	95	103	99
LCS 720-208127/5	Lab Control Sample	94	101	100
LCS 720-208139/5	Lab Control Sample	105	98	107
LCSD 720-208108/6	Lab Control Sample Dup	95	104	100
LCSD 720-208127/6	Lab Control Sample Dup	96	107	102
LCSD 720-208139/6	Lab Control Sample Dup	105	96	107
MB 720-208108/4	Method Blank	96	103	100
MB 720-208127/4	Method Blank	95	105	99
MB 720-208139/4	Method Blank	107	100	106

Surrogate Legend

BFB = 4-Bromofluorobenzene
12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 720-208108/4

Matrix: Solid

Analysis Batch: 208108

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg			08/23/16 19:29	1
Acetone	ND		50		ug/Kg			08/23/16 19:29	1
Benzene	ND		5.0		ug/Kg			08/23/16 19:29	1
Dichlorobromomethane	ND		5.0		ug/Kg			08/23/16 19:29	1
Bromobenzene	ND		5.0		ug/Kg			08/23/16 19:29	1
Chlorobromomethane	ND		20		ug/Kg			08/23/16 19:29	1
Bromoform	ND		5.0		ug/Kg			08/23/16 19:29	1
Bromomethane	ND		10		ug/Kg			08/23/16 19:29	1
2-Butanone (MEK)	ND		50		ug/Kg			08/23/16 19:29	1
n-Butylbenzene	ND		5.0		ug/Kg			08/23/16 19:29	1
sec-Butylbenzene	ND		5.0		ug/Kg			08/23/16 19:29	1
tert-Butylbenzene	ND		5.0		ug/Kg			08/23/16 19:29	1
Carbon disulfide	ND		5.0		ug/Kg			08/23/16 19:29	1
Carbon tetrachloride	ND		5.0		ug/Kg			08/23/16 19:29	1
Chlorobenzene	ND		5.0		ug/Kg			08/23/16 19:29	1
Chloroethane	ND		10		ug/Kg			08/23/16 19:29	1
Chloroform	ND		5.0		ug/Kg			08/23/16 19:29	1
Chloromethane	ND		10		ug/Kg			08/23/16 19:29	1
2-Chlorotoluene	ND		5.0		ug/Kg			08/23/16 19:29	1
4-Chlorotoluene	ND		5.0		ug/Kg			08/23/16 19:29	1
Chlorodibromomethane	ND		5.0		ug/Kg			08/23/16 19:29	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			08/23/16 19:29	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			08/23/16 19:29	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			08/23/16 19:29	1
1,3-Dichloropropane	ND		5.0		ug/Kg			08/23/16 19:29	1
1,1-Dichloropropene	ND		5.0		ug/Kg			08/23/16 19:29	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			08/23/16 19:29	1
Ethylene Dibromide	ND		5.0		ug/Kg			08/23/16 19:29	1
Dibromomethane	ND		10		ug/Kg			08/23/16 19:29	1
Dichlorodifluoromethane	ND		10		ug/Kg			08/23/16 19:29	1
1,1-Dichloroethane	ND		5.0		ug/Kg			08/23/16 19:29	1
1,2-Dichloroethane	ND		5.0		ug/Kg			08/23/16 19:29	1
1,1-Dichloroethene	ND		5.0		ug/Kg			08/23/16 19:29	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			08/23/16 19:29	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			08/23/16 19:29	1
1,2-Dichloropropane	ND		5.0		ug/Kg			08/23/16 19:29	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			08/23/16 19:29	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			08/23/16 19:29	1
Ethylbenzene	ND		5.0		ug/Kg			08/23/16 19:29	1
Hexachlorobutadiene	ND		5.0		ug/Kg			08/23/16 19:29	1
2-Hexanone	ND		50		ug/Kg			08/23/16 19:29	1
Isopropylbenzene	ND		5.0		ug/Kg			08/23/16 19:29	1
4-Isopropyltoluene	ND		5.0		ug/Kg			08/23/16 19:29	1
Methylene Chloride	ND		10		ug/Kg			08/23/16 19:29	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			08/23/16 19:29	1
Naphthalene	ND		10		ug/Kg			08/23/16 19:29	1
N-Propylbenzene	ND		5.0		ug/Kg			08/23/16 19:29	1
Styrene	ND		5.0		ug/Kg			08/23/16 19:29	1

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-208108/4

Matrix: Solid

Analysis Batch: 208108

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			08/23/16 19:29	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			08/23/16 19:29	1
Tetrachloroethene	ND		5.0		ug/Kg			08/23/16 19:29	1
Toluene	ND		5.0		ug/Kg			08/23/16 19:29	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			08/23/16 19:29	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			08/23/16 19:29	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			08/23/16 19:29	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			08/23/16 19:29	1
Trichloroethene	ND		5.0		ug/Kg			08/23/16 19:29	1
Trichlorofluoromethane	ND		5.0		ug/Kg			08/23/16 19:29	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			08/23/16 19:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			08/23/16 19:29	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			08/23/16 19:29	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			08/23/16 19:29	1
Vinyl acetate	ND		20		ug/Kg			08/23/16 19:29	1
Vinyl chloride	ND		5.0		ug/Kg			08/23/16 19:29	1
Xylenes, Total	ND		10		ug/Kg			08/23/16 19:29	1
2,2-Dichloropropane	ND		5.0		ug/Kg			08/23/16 19:29	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	96		45 - 131		08/23/16 19:29	1
1,2-Dichloroethane-d4 (Surr)	103		60 - 140		08/23/16 19:29	1
Toluene-d8 (Surr)	100		58 - 140		08/23/16 19:29	1

Lab Sample ID: LCS 720-208108/5

Matrix: Solid

Analysis Batch: 208108

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	53.5		ug/Kg		107	70 - 144
Acetone	250	242		ug/Kg		97	30 - 162
Benzene	50.0	48.4		ug/Kg		97	70 - 130
Dichlorobromomethane	50.0	50.9		ug/Kg		102	70 - 140
Bromobenzene	50.0	47.4		ug/Kg		95	70 - 130
Chlorobromomethane	50.0	45.6		ug/Kg		91	70 - 130
Bromoform	50.0	47.8		ug/Kg		96	59 - 158
Bromomethane	50.0	45.0		ug/Kg		90	59 - 132
2-Butanone (MEK)	250	227		ug/Kg		91	53 - 133
n-Butylbenzene	50.0	50.5		ug/Kg		101	70 - 142
sec-Butylbenzene	50.0	50.0		ug/Kg		100	70 - 136
tert-Butylbenzene	50.0	48.5		ug/Kg		97	70 - 130
Carbon disulfide	50.0	43.6		ug/Kg		87	60 - 140
Carbon tetrachloride	50.0	54.1		ug/Kg		108	70 - 142
Chlorobenzene	50.0	45.2		ug/Kg		90	70 - 130
Chloroethane	50.0	48.6		ug/Kg		97	65 - 130
Chloroform	50.0	47.8		ug/Kg		96	77 - 127
Chloromethane	50.0	53.1		ug/Kg		106	55 - 140
2-Chlorotoluene	50.0	50.1		ug/Kg		100	70 - 138

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-208108/5

Matrix: Solid

Analysis Batch: 208108

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4-Chlorotoluene	50.0	50.3		ug/Kg		101	70 - 136
Chlorodibromomethane	50.0	49.0		ug/Kg		98	70 - 146
1,2-Dichlorobenzene	50.0	48.0		ug/Kg		96	70 - 130
1,3-Dichlorobenzene	50.0	46.8		ug/Kg		94	70 - 131
1,4-Dichlorobenzene	50.0	46.9		ug/Kg		94	70 - 130
1,3-Dichloropropane	50.0	49.3		ug/Kg		99	70 - 140
1,1-Dichloropropene	50.0	48.4		ug/Kg		97	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	49.3		ug/Kg		99	60 - 145
Ethylene Dibromide	50.0	50.2		ug/Kg		100	70 - 140
Dibromomethane	50.0	49.7		ug/Kg		99	70 - 139
Dichlorodifluoromethane	50.0	51.3		ug/Kg		103	37 - 158
1,1-Dichloroethane	50.0	48.4		ug/Kg		97	70 - 130
1,2-Dichloroethane	50.0	50.8		ug/Kg		102	70 - 130
1,1-Dichloroethene	50.0	41.9		ug/Kg		84	74 - 122
cis-1,2-Dichloroethene	50.0	50.7		ug/Kg		101	70 - 138
trans-1,2-Dichloroethene	50.0	46.6		ug/Kg		93	67 - 130
1,2-Dichloropropane	50.0	52.4		ug/Kg		105	73 - 127
cis-1,3-Dichloropropene	50.0	52.9		ug/Kg		106	68 - 147
trans-1,3-Dichloropropene	50.0	52.2		ug/Kg		104	70 - 155
Ethylbenzene	50.0	47.8		ug/Kg		96	80 - 137
Hexachlorobutadiene	50.0	45.4		ug/Kg		91	70 - 132
2-Hexanone	250	266		ug/Kg		106	44 - 133
Isopropylbenzene	50.0	48.4		ug/Kg		97	70 - 130
4-Isopropyltoluene	50.0	48.3		ug/Kg		97	70 - 133
Methylene Chloride	50.0	48.5		ug/Kg		97	70 - 134
4-Methyl-2-pentanone (MIBK)	250	271		ug/Kg		108	60 - 160
Naphthalene	50.0	48.0		ug/Kg		96	60 - 147
N-Propylbenzene	50.0	51.4		ug/Kg		103	70 - 130
Styrene	50.0	47.7		ug/Kg		95	70 - 130
1,1,1,2-Tetrachloroethane	50.0	46.9		ug/Kg		94	70 - 130
1,1,1,2,2-Tetrachloroethane	50.0	50.4		ug/Kg		101	70 - 146
Tetrachloroethene	50.0	45.1		ug/Kg		90	70 - 132
Toluene	50.0	46.4		ug/Kg		93	75 - 120
1,2,3-Trichlorobenzene	50.0	45.0		ug/Kg		90	60 - 140
1,2,4-Trichlorobenzene	50.0	47.3		ug/Kg		95	60 - 140
1,1,1-Trichloroethane	50.0	51.7		ug/Kg		103	70 - 130
1,1,2-Trichloroethane	50.0	51.2		ug/Kg		102	70 - 130
Trichloroethene	50.0	44.9		ug/Kg		90	70 - 133
Trichlorofluoromethane	50.0	53.1		ug/Kg		106	60 - 140
1,2,3-Trichloropropane	50.0	50.4		ug/Kg		101	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	42.0		ug/Kg		84	60 - 140
1,2,4-Trimethylbenzene	50.0	49.6		ug/Kg		99	70 - 130
1,3,5-Trimethylbenzene	50.0	50.0		ug/Kg		100	70 - 131
Vinyl acetate	50.0	74.1		ug/Kg		148	38 - 176
Vinyl chloride	50.0	44.1		ug/Kg		88	58 - 125
m-Xylene & p-Xylene	50.0	48.6		ug/Kg		97	70 - 146
o-Xylene	50.0	47.7		ug/Kg		95	70 - 140

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-208108/5

Matrix: Solid

Analysis Batch: 208108

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
2,2-Dichloropropane	50.0	59.0		ug/Kg		118	70 - 162

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	95		45 - 131
1,2-Dichloroethane-d4 (Surr)	103		60 - 140
Toluene-d8 (Surr)	99		58 - 140

Lab Sample ID: LCSD 720-208108/6

Matrix: Solid

Analysis Batch: 208108

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	54.0		ug/Kg		108	70 - 144	1	20
Acetone	250	241		ug/Kg		96	30 - 162	0	30
Benzene	50.0	49.0		ug/Kg		98	70 - 130	1	20
Dichlorobromomethane	50.0	51.8		ug/Kg		104	70 - 140	2	20
Bromobenzene	50.0	47.6		ug/Kg		95	70 - 130	0	20
Chlorobromomethane	50.0	46.2		ug/Kg		92	70 - 130	1	20
Bromoform	50.0	48.9		ug/Kg		98	59 - 158	2	20
Bromomethane	50.0	44.7		ug/Kg		89	59 - 132	1	20
2-Butanone (MEK)	250	233		ug/Kg		93	53 - 133	2	20
n-Butylbenzene	50.0	50.0		ug/Kg		100	70 - 142	1	20
sec-Butylbenzene	50.0	49.8		ug/Kg		100	70 - 136	0	20
tert-Butylbenzene	50.0	48.3		ug/Kg		97	70 - 130	0	20
Carbon disulfide	50.0	43.6		ug/Kg		87	60 - 140	0	20
Carbon tetrachloride	50.0	54.4		ug/Kg		109	70 - 142	1	20
Chlorobenzene	50.0	45.9		ug/Kg		92	70 - 130	2	20
Chloroethane	50.0	48.8		ug/Kg		98	65 - 130	0	20
Chloroform	50.0	48.4		ug/Kg		97	77 - 127	1	20
Chloromethane	50.0	53.1		ug/Kg		106	55 - 140	0	20
2-Chlorotoluene	50.0	50.9		ug/Kg		102	70 - 138	2	20
4-Chlorotoluene	50.0	50.3		ug/Kg		101	70 - 136	0	20
Chlorodibromomethane	50.0	49.4		ug/Kg		99	70 - 146	1	20
1,2-Dichlorobenzene	50.0	47.8		ug/Kg		96	70 - 130	1	20
1,3-Dichlorobenzene	50.0	46.6		ug/Kg		93	70 - 131	1	20
1,4-Dichlorobenzene	50.0	46.8		ug/Kg		94	70 - 130	0	20
1,3-Dichloropropane	50.0	49.8		ug/Kg		100	70 - 140	1	20
1,1-Dichloropropene	50.0	48.2		ug/Kg		96	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	50.0	48.9		ug/Kg		98	60 - 145	1	20
Ethylene Dibromide	50.0	51.0		ug/Kg		102	70 - 140	2	20
Dibromomethane	50.0	50.1		ug/Kg		100	70 - 139	1	20
Dichlorodifluoromethane	50.0	50.5		ug/Kg		101	37 - 158	1	20
1,1-Dichloroethane	50.0	49.1		ug/Kg		98	70 - 130	2	20
1,2-Dichloroethane	50.0	51.6		ug/Kg		103	70 - 130	1	20
1,1-Dichloroethane	50.0	41.9		ug/Kg		84	74 - 122	0	20
cis-1,2-Dichloroethane	50.0	51.0		ug/Kg		102	70 - 138	1	20
trans-1,2-Dichloroethane	50.0	46.9		ug/Kg		94	67 - 130	1	20
1,2-Dichloropropane	50.0	53.2		ug/Kg		106	73 - 127	1	20

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-208108/6

Matrix: Solid

Analysis Batch: 208108

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits		RPD	
							RPD	Limit	RPD	Limit
cis-1,3-Dichloropropene	50.0	53.5		ug/Kg		107	68 - 147	1	20	
trans-1,3-Dichloropropene	50.0	52.3		ug/Kg		105	70 - 155	0	20	
Ethylbenzene	50.0	47.9		ug/Kg		96	80 - 137	0	20	
Hexachlorobutadiene	50.0	45.9		ug/Kg		92	70 - 132	1	20	
2-Hexanone	250	268		ug/Kg		107	44 - 133	1	20	
Isopropylbenzene	50.0	48.4		ug/Kg		97	70 - 130	0	20	
4-Isopropyltoluene	50.0	48.3		ug/Kg		97	70 - 133	0	20	
Methylene Chloride	50.0	49.0		ug/Kg		98	70 - 134	1	20	
4-Methyl-2-pentanone (MIBK)	250	276		ug/Kg		110	60 - 160	2	20	
Naphthalene	50.0	49.1		ug/Kg		98	60 - 147	2	20	
N-Propylbenzene	50.0	51.5		ug/Kg		103	70 - 130	0	20	
Styrene	50.0	47.9		ug/Kg		96	70 - 130	0	20	
1,1,1,2-Tetrachloroethane	50.0	47.3		ug/Kg		95	70 - 130	1	20	
1,1,1,2-Tetrachloroethane	50.0	51.0		ug/Kg		102	70 - 146	1	20	
Tetrachloroethene	50.0	45.1		ug/Kg		90	70 - 132	0	20	
Toluene	50.0	46.9		ug/Kg		94	75 - 120	1	20	
1,2,3-Trichlorobenzene	50.0	46.0		ug/Kg		92	60 - 140	2	20	
1,2,4-Trichlorobenzene	50.0	47.4		ug/Kg		95	60 - 140	0	20	
1,1,1-Trichloroethane	50.0	51.6		ug/Kg		103	70 - 130	0	20	
1,1,1,2-Trichloroethane	50.0	51.1		ug/Kg		102	70 - 130	0	20	
Trichloroethene	50.0	45.4		ug/Kg		91	70 - 133	1	20	
Trichlorofluoromethane	50.0	53.5		ug/Kg		107	60 - 140	1	20	
1,2,3-Trichloropropane	50.0	51.1		ug/Kg		102	70 - 146	1	20	
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	41.6		ug/Kg		83	60 - 140	1	20	
1,2,4-Trimethylbenzene	50.0	49.5		ug/Kg		99	70 - 130	0	20	
1,3,5-Trimethylbenzene	50.0	50.5		ug/Kg		101	70 - 131	1	20	
Vinyl acetate	50.0	75.0		ug/Kg		150	38 - 176	1	20	
Vinyl chloride	50.0	44.1		ug/Kg		88	58 - 125	0	20	
m-Xylene & p-Xylene	50.0	49.0		ug/Kg		98	70 - 146	1	20	
o-Xylene	50.0	47.9		ug/Kg		96	70 - 140	1	20	
2,2-Dichloropropane	50.0	55.0		ug/Kg		110	70 - 162	7	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	95		45 - 131
1,2-Dichloroethane-d4 (Surr)	104		60 - 140
Toluene-d8 (Surr)	100		58 - 140

Lab Sample ID: 720-74088-1 MS

Matrix: Solid

Analysis Batch: 208108

Client Sample ID: B-2,0.5 FT

Prep Type: Total/NA

Prep Batch: 208123

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec. Limits	
				Result	Qualifier				RPD	Limit
Methyl tert-butyl ether	ND		98.8	112		ug/Kg		113	69 - 130	
Acetone	ND		494	526		ug/Kg		106	37 - 150	
Benzene	ND		98.8	99.5		ug/Kg		101	70 - 130	
Dichlorobromomethane	ND		98.8	103		ug/Kg		105	64 - 135	
Bromobenzene	ND		98.8	105		ug/Kg		107	70 - 130	

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-74088-1 MS

Matrix: Solid

Analysis Batch: 208108

Client Sample ID: B-2,0.5 FT

Prep Type: Total/NA

Prep Batch: 208123

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
Chlorobromomethane	ND		98.8	95.3		ug/Kg		96	65 - 130
Bromoform	ND		98.8	91.2		ug/Kg		92	58 - 132
Bromomethane	ND		98.8	94.8		ug/Kg		96	56 - 130
2-Butanone (MEK)	ND		494	475		ug/Kg		96	41 - 150
n-Butylbenzene	ND		98.8	84.7		ug/Kg		86	60 - 145
sec-Butylbenzene	ND		98.8	95.1		ug/Kg		96	64 - 137
tert-Butylbenzene	ND		98.8	100		ug/Kg		101	63 - 134
Carbon disulfide	ND		98.8	90.4		ug/Kg		91	10 - 150
Carbon tetrachloride	ND		98.8	109		ug/Kg		111	54 - 130
Chlorobenzene	ND		98.8	89.0		ug/Kg		90	70 - 130
Chloroethane	ND		98.8	103		ug/Kg		104	61 - 130
Chloroform	ND		98.8	99.4		ug/Kg		101	67 - 130
Chloromethane	ND		98.8	112		ug/Kg		113	50 - 131
2-Chlorotoluene	ND		98.8	109		ug/Kg		110	70 - 130
4-Chlorotoluene	ND		98.8	106		ug/Kg		108	70 - 130
Chlorodibromomethane	ND		98.8	93.9		ug/Kg		95	60 - 141
1,2-Dichlorobenzene	ND		98.8	88.2		ug/Kg		89	70 - 130
1,3-Dichlorobenzene	ND		98.8	89.6		ug/Kg		91	70 - 130
1,4-Dichlorobenzene	ND		98.8	88.8		ug/Kg		90	70 - 130
1,3-Dichloropropane	ND		98.8	97.5		ug/Kg		99	70 - 130
1,1-Dichloropropene	ND		98.8	96.4		ug/Kg		98	67 - 130
1,2-Dibromo-3-Chloropropane	ND		98.8	107		ug/Kg		108	57 - 130
Ethylene Dibromide	ND		98.8	97.7		ug/Kg		99	66 - 135
Dibromomethane	ND		98.8	101		ug/Kg		103	65 - 131
Dichlorodifluoromethane	ND		98.8	105		ug/Kg		106	38 - 130
1,1-Dichloroethane	ND		98.8	102		ug/Kg		103	67 - 130
1,2-Dichloroethane	ND		98.8	105		ug/Kg		106	70 - 130
1,1-Dichloroethene	ND		98.8	86.4		ug/Kg		87	64 - 130
cis-1,2-Dichloroethene	ND		98.8	105		ug/Kg		107	68 - 131
trans-1,2-Dichloroethene	ND		98.8	97.3		ug/Kg		98	70 - 130
1,2-Dichloropropane	ND		98.8	108		ug/Kg		109	65 - 133
cis-1,3-Dichloropropene	ND		98.8	106		ug/Kg		107	46 - 139
trans-1,3-Dichloropropene	ND		98.8	103		ug/Kg		104	55 - 131
Ethylbenzene	ND		98.8	91.7		ug/Kg		93	65 - 130
Hexachlorobutadiene	ND	F1	98.8	51.9	F1	ug/Kg		53	58 - 132
2-Hexanone	ND		494	547		ug/Kg		111	44 - 150
Isopropylbenzene	ND		98.8	85.4		ug/Kg		86	65 - 130
4-Isopropyltoluene	ND		98.8	89.8		ug/Kg		91	69 - 134
Methylene Chloride	ND		98.8	101		ug/Kg		102	63 - 130
4-Methyl-2-pentanone (MIBK)	ND		494	556		ug/Kg		113	51 - 140
Naphthalene	ND		98.8	73.3		ug/Kg		74	45 - 146
N-Propylbenzene	ND		98.8	110		ug/Kg		111	70 - 130
Styrene	ND		98.8	88.3		ug/Kg		89	58 - 135
1,1,1,2-Tetrachloroethane	ND		98.8	94.2		ug/Kg		95	64 - 133
1,1,2,2-Tetrachloroethane	ND		98.8	125		ug/Kg		126	70 - 131
Tetrachloroethene	990	E	98.8	2210	E 4	ug/Kg		1236	67 - 130
Toluene	ND		98.8	95.0		ug/Kg		96	70 - 130
1,2,3-Trichlorobenzene	ND	F1	98.8	51.1	F1	ug/Kg		52	58 - 138

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-74088-1 MS

Matrix: Solid

Analysis Batch: 208108

Client Sample ID: B-2,0.5 FT

Prep Type: Total/NA

Prep Batch: 208123

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec. Limits
	Result	Qualifier	Added	Result	Qualifier				
1,2,4-Trichlorobenzene	ND		98.8	56.4		ug/Kg		57	49 - 144
1,1,1-Trichloroethane	ND		98.8	107		ug/Kg		108	57 - 133
1,1,2-Trichloroethane	ND		98.8	101		ug/Kg		102	68 - 132
Trichloroethene	ND		98.8	93.3		ug/Kg		93	66 - 130
Trichlorofluoromethane	ND		98.8	110		ug/Kg		112	61 - 130
1,2,3-Trichloropropane	ND		98.8	127		ug/Kg		129	62 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		98.8	83.4		ug/Kg		84	52 - 130
1,2,4-Trimethylbenzene	ND		98.8	101		ug/Kg		103	64 - 140
1,3,5-Trimethylbenzene	ND		98.8	105		ug/Kg		106	67 - 134
Vinyl acetate	ND		98.8	127		ug/Kg		128	52 - 150
Vinyl chloride	ND		98.8	94.1		ug/Kg		95	62 - 130
m-Xylene & p-Xylene	ND		98.8	91.6		ug/Kg		93	70 - 130
o-Xylene	ND		98.8	89.4		ug/Kg		90	68 - 130
2,2-Dichloropropane	ND		98.8	118		ug/Kg		120	63 - 130

Surrogate	MS	MS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	87		45 - 131
1,2-Dichloroethane-d4 (Surr)	104		60 - 140
Toluene-d8 (Surr)	97		58 - 140

Lab Sample ID: 720-74088-1 MSD

Matrix: Solid

Analysis Batch: 208108

Client Sample ID: B-2,0.5 FT

Prep Type: Total/NA

Prep Batch: 208123

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
	Result	Qualifier	Added	Result	Qualifier						
Methyl tert-butyl ether	ND		99.2	110		ug/Kg		110	69 - 130	2	20
Acetone	ND		496	541		ug/Kg		109	37 - 150	3	20
Benzene	ND		99.2	100		ug/Kg		101	70 - 130	1	20
Dichlorobromomethane	ND		99.2	103		ug/Kg		104	64 - 135	1	20
Bromobenzene	ND		99.2	106		ug/Kg		107	70 - 130	1	20
Chlorobromomethane	ND		99.2	94.3		ug/Kg		95	65 - 130	1	20
Bromoform	ND		99.2	90.7		ug/Kg		91	58 - 132	1	20
Bromomethane	ND		99.2	98.1		ug/Kg		99	56 - 130	3	20
2-Butanone (MEK)	ND		496	455		ug/Kg		92	41 - 150	4	20
n-Butylbenzene	ND		99.2	85.7		ug/Kg		86	60 - 145	1	20
sec-Butylbenzene	ND		99.2	96.8		ug/Kg		98	64 - 137	2	20
tert-Butylbenzene	ND		99.2	102		ug/Kg		103	63 - 134	2	20
Carbon disulfide	ND		99.2	91.4		ug/Kg		92	10 - 150	1	20
Carbon tetrachloride	ND		99.2	109		ug/Kg		110	54 - 130	0	20
Chlorobenzene	ND		99.2	89.5		ug/Kg		90	70 - 130	1	20
Chloroethane	ND		99.2	105		ug/Kg		105	61 - 130	2	20
Chloroform	ND		99.2	99.2		ug/Kg		100	67 - 130	0	20
Chloromethane	ND		99.2	115		ug/Kg		116	50 - 131	3	20
2-Chlorotoluene	ND		99.2	110		ug/Kg		111	70 - 130	1	20
4-Chlorotoluene	ND		99.2	107		ug/Kg		108	70 - 130	1	20
Chlorodibromomethane	ND		99.2	92.7		ug/Kg		93	60 - 141	1	20
1,2-Dichlorobenzene	ND		99.2	88.7		ug/Kg		89	70 - 130	1	20

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-74088-1 MSD

Matrix: Solid

Analysis Batch: 208108

Client Sample ID: B-2,0.5 FT

Prep Type: Total/NA

Prep Batch: 208123

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits		Limit
1,3-Dichlorobenzene	ND		99.2	89.8		ug/Kg		91	70 - 130	0	20
1,4-Dichlorobenzene	ND		99.2	88.7		ug/Kg		89	70 - 130	0	20
1,3-Dichloropropane	ND		99.2	97.1		ug/Kg		98	70 - 130	0	20
1,1-Dichloropropene	ND		99.2	96.2		ug/Kg		97	67 - 130	0	20
1,2-Dibromo-3-Chloropropane	ND		99.2	102		ug/Kg		102	57 - 130	5	20
Ethylene Dibromide	ND		99.2	95.9		ug/Kg		97	66 - 135	2	20
Dibromomethane	ND		99.2	98.3		ug/Kg		99	65 - 131	3	20
Dichlorodifluoromethane	ND		99.2	109		ug/Kg		110	38 - 130	3	20
1,1-Dichloroethane	ND		99.2	103		ug/Kg		104	67 - 130	1	20
1,2-Dichloroethane	ND		99.2	104		ug/Kg		105	70 - 130	1	20
1,1-Dichloroethene	ND		99.2	86.7		ug/Kg		87	64 - 130	0	20
cis-1,2-Dichloroethene	ND		99.2	107		ug/Kg		108	68 - 131	1	20
trans-1,2-Dichloroethene	ND		99.2	98.1		ug/Kg		99	70 - 130	1	20
1,2-Dichloropropane	ND		99.2	107		ug/Kg		108	65 - 133	0	20
cis-1,3-Dichloropropene	ND		99.2	105		ug/Kg		106	46 - 139	1	20
trans-1,3-Dichloropropene	ND		99.2	101		ug/Kg		102	55 - 131	2	20
Ethylbenzene	ND		99.2	92.4		ug/Kg		93	65 - 130	1	20
Hexachlorobutadiene	ND	F1	99.2	52.0	F1	ug/Kg		52	58 - 132	0	20
2-Hexanone	ND		496	523		ug/Kg		105	44 - 150	5	20
Isopropylbenzene	ND		99.2	86.4		ug/Kg		87	65 - 130	1	20
4-Isopropyltoluene	ND		99.2	91.7		ug/Kg		92	69 - 134	2	20
Methylene Chloride	ND		99.2	102		ug/Kg		103	63 - 130	1	20
4-Methyl-2-pentanone (MIBK)	ND		496	532		ug/Kg		107	51 - 140	4	20
Naphthalene	ND		99.2	71.8		ug/Kg		72	45 - 146	2	20
N-Propylbenzene	ND		99.2	111		ug/Kg		112	70 - 130	2	20
Styrene	ND		99.2	88.9		ug/Kg		90	58 - 135	1	20
1,1,1,2-Tetrachloroethane	ND		99.2	95.3		ug/Kg		96	64 - 133	1	20
1,1,2,2-Tetrachloroethane	ND		99.2	123		ug/Kg		124	70 - 131	1	20
Tetrachloroethene	990	E	99.2	2170	E 4	ug/Kg		1188	67 - 130	2	20
Toluene	ND		99.2	96.0		ug/Kg		97	70 - 130	1	20
1,2,3-Trichlorobenzene	ND	F1	99.2	50.4	F1	ug/Kg		51	58 - 138	1	20
1,2,4-Trichlorobenzene	ND		99.2	56.2		ug/Kg		57	49 - 144	0	20
1,1,1-Trichloroethane	ND		99.2	107		ug/Kg		108	57 - 133	1	20
1,1,2-Trichloroethane	ND		99.2	98.6		ug/Kg		99	68 - 132	2	20
Trichloroethene	ND		99.2	92.6		ug/Kg		92	66 - 130	1	20
Trichlorofluoromethane	ND		99.2	112		ug/Kg		113	61 - 130	2	20
1,2,3-Trichloropropane	ND		99.2	124		ug/Kg		125	62 - 150	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		99.2	82.5		ug/Kg		83	52 - 130	1	20
1,2,4-Trimethylbenzene	ND		99.2	102		ug/Kg		103	64 - 140	1	20
1,3,5-Trimethylbenzene	ND		99.2	105		ug/Kg		106	67 - 134	0	20
Vinyl acetate	ND		99.2	114		ug/Kg		115	52 - 150	11	20
Vinyl chloride	ND		99.2	97.4		ug/Kg		98	62 - 130	3	20
m-Xylene & p-Xylene	ND		99.2	92.4		ug/Kg		93	70 - 130	1	20
o-Xylene	ND		99.2	90.6		ug/Kg		91	68 - 130	1	20
2,2-Dichloropropane	ND		99.2	126		ug/Kg		127	63 - 130	6	20

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-74088-1 MSD

Matrix: Solid

Analysis Batch: 208108

Client Sample ID: B-2,0.5 FT

Prep Type: Total/NA

Prep Batch: 208123

<i>Surrogate</i>	<i>MSD %Recovery</i>	<i>MSD Qualifier</i>	<i>Limits</i>
4-Bromofluorobenzene	88		45 - 131
1,2-Dichloroethane-d4 (Surr)	101		60 - 140
Toluene-d8 (Surr)	98		58 - 140

Lab Sample ID: MB 720-208127/4

Matrix: Solid

Analysis Batch: 208127

Client Sample ID: Method Blank

Prep Type: Total/NA

<i>Analyte</i>	<i>MB Result</i>	<i>MB Qualifier</i>	<i>RL</i>	<i>MDL</i>	<i>Unit</i>	<i>D</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Dil Fac</i>
Methyl tert-butyl ether	ND		5.0		ug/Kg			08/24/16 08:32	1
Acetone	ND		50		ug/Kg			08/24/16 08:32	1
Benzene	ND		5.0		ug/Kg			08/24/16 08:32	1
Dichlorobromomethane	ND		5.0		ug/Kg			08/24/16 08:32	1
Bromobenzene	ND		5.0		ug/Kg			08/24/16 08:32	1
Chlorobromomethane	ND		20		ug/Kg			08/24/16 08:32	1
Bromoform	ND		5.0		ug/Kg			08/24/16 08:32	1
Bromomethane	ND		10		ug/Kg			08/24/16 08:32	1
2-Butanone (MEK)	ND		50		ug/Kg			08/24/16 08:32	1
n-Butylbenzene	ND		5.0		ug/Kg			08/24/16 08:32	1
sec-Butylbenzene	ND		5.0		ug/Kg			08/24/16 08:32	1
tert-Butylbenzene	ND		5.0		ug/Kg			08/24/16 08:32	1
Carbon disulfide	ND		5.0		ug/Kg			08/24/16 08:32	1
Carbon tetrachloride	ND		5.0		ug/Kg			08/24/16 08:32	1
Chlorobenzene	ND		5.0		ug/Kg			08/24/16 08:32	1
Chloroethane	ND		10		ug/Kg			08/24/16 08:32	1
Chloroform	ND		5.0		ug/Kg			08/24/16 08:32	1
Chloromethane	ND		10		ug/Kg			08/24/16 08:32	1
2-Chlorotoluene	ND		5.0		ug/Kg			08/24/16 08:32	1
4-Chlorotoluene	ND		5.0		ug/Kg			08/24/16 08:32	1
Chlorodibromomethane	ND		5.0		ug/Kg			08/24/16 08:32	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			08/24/16 08:32	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			08/24/16 08:32	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			08/24/16 08:32	1
1,3-Dichloropropane	ND		5.0		ug/Kg			08/24/16 08:32	1
1,1-Dichloropropene	ND		5.0		ug/Kg			08/24/16 08:32	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			08/24/16 08:32	1
Ethylene Dibromide	ND		5.0		ug/Kg			08/24/16 08:32	1
Dibromomethane	ND		10		ug/Kg			08/24/16 08:32	1
Dichlorodifluoromethane	ND		10		ug/Kg			08/24/16 08:32	1
1,1-Dichloroethane	ND		5.0		ug/Kg			08/24/16 08:32	1
1,2-Dichloroethane	ND		5.0		ug/Kg			08/24/16 08:32	1
1,1-Dichloroethene	ND		5.0		ug/Kg			08/24/16 08:32	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			08/24/16 08:32	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			08/24/16 08:32	1
1,2-Dichloropropane	ND		5.0		ug/Kg			08/24/16 08:32	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			08/24/16 08:32	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			08/24/16 08:32	1
Ethylbenzene	ND		5.0		ug/Kg			08/24/16 08:32	1

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-208127/4

Matrix: Solid

Analysis Batch: 208127

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Hexachlorobutadiene	ND		5.0		ug/Kg			08/24/16 08:32	1
2-Hexanone	ND		50		ug/Kg			08/24/16 08:32	1
Isopropylbenzene	ND		5.0		ug/Kg			08/24/16 08:32	1
4-Isopropyltoluene	ND		5.0		ug/Kg			08/24/16 08:32	1
Methylene Chloride	ND		10		ug/Kg			08/24/16 08:32	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			08/24/16 08:32	1
Naphthalene	ND		10		ug/Kg			08/24/16 08:32	1
N-Propylbenzene	ND		5.0		ug/Kg			08/24/16 08:32	1
Styrene	ND		5.0		ug/Kg			08/24/16 08:32	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			08/24/16 08:32	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			08/24/16 08:32	1
Tetrachloroethene	ND		5.0		ug/Kg			08/24/16 08:32	1
Toluene	ND		5.0		ug/Kg			08/24/16 08:32	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			08/24/16 08:32	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			08/24/16 08:32	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			08/24/16 08:32	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			08/24/16 08:32	1
Trichloroethene	ND		5.0		ug/Kg			08/24/16 08:32	1
Trichlorofluoromethane	ND		5.0		ug/Kg			08/24/16 08:32	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			08/24/16 08:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			08/24/16 08:32	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			08/24/16 08:32	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			08/24/16 08:32	1
Vinyl acetate	ND		20		ug/Kg			08/24/16 08:32	1
Vinyl chloride	ND		5.0		ug/Kg			08/24/16 08:32	1
Xylenes, Total	ND		10		ug/Kg			08/24/16 08:32	1
2,2-Dichloropropane	ND		5.0		ug/Kg			08/24/16 08:32	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	95		45 - 131		08/24/16 08:32	1
1,2-Dichloroethane-d4 (Surr)	105		60 - 140		08/24/16 08:32	1
Toluene-d8 (Surr)	99		58 - 140		08/24/16 08:32	1

Lab Sample ID: LCS 720-208127/5

Matrix: Solid

Analysis Batch: 208127

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec. Limits
		Result	Qualifier				
Methyl tert-butyl ether	50.0	57.2		ug/Kg		114	70 - 144
Acetone	250	247		ug/Kg		99	30 - 162
Benzene	50.0	54.7		ug/Kg		109	70 - 130
Dichlorobromomethane	50.0	56.0		ug/Kg		112	70 - 140
Bromobenzene	50.0	47.5		ug/Kg		95	70 - 130
Chlorobromomethane	50.0	50.9		ug/Kg		102	70 - 130
Bromoform	50.0	49.2		ug/Kg		98	59 - 158
Bromomethane	50.0	48.6		ug/Kg		97	59 - 132
2-Butanone (MEK)	250	232		ug/Kg		93	53 - 133
n-Butylbenzene	50.0	53.0		ug/Kg		106	70 - 142

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-208127/5

Matrix: Solid

Analysis Batch: 208127

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
sec-Butylbenzene	50.0	52.2		ug/Kg		104	70 - 136
tert-Butylbenzene	50.0	50.8		ug/Kg		102	70 - 130
Carbon disulfide	50.0	55.0		ug/Kg		110	60 - 140
Carbon tetrachloride	50.0	62.6		ug/Kg		125	70 - 142
Chlorobenzene	50.0	47.9		ug/Kg		96	70 - 130
Chloroethane	50.0	51.7		ug/Kg		103	65 - 130
Chloroform	50.0	53.4		ug/Kg		107	77 - 127
Chloromethane	50.0	59.0		ug/Kg		118	55 - 140
2-Chlorotoluene	50.0	52.1		ug/Kg		104	70 - 138
4-Chlorotoluene	50.0	52.2		ug/Kg		104	70 - 136
Chlorodibromomethane	50.0	52.1		ug/Kg		104	70 - 146
1,2-Dichlorobenzene	50.0	48.0		ug/Kg		96	70 - 130
1,3-Dichlorobenzene	50.0	47.4		ug/Kg		95	70 - 131
1,4-Dichlorobenzene	50.0	47.8		ug/Kg		96	70 - 130
1,3-Dichloropropane	50.0	53.0		ug/Kg		106	70 - 140
1,1-Dichloropropene	50.0	55.5		ug/Kg		111	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	47.6		ug/Kg		95	60 - 145
Ethylene Dibromide	50.0	54.2		ug/Kg		108	70 - 140
Dibromomethane	50.0	54.3		ug/Kg		109	70 - 139
Dichlorodifluoromethane	50.0	54.5		ug/Kg		109	37 - 158
1,1-Dichloroethane	50.0	55.3		ug/Kg		111	70 - 130
1,2-Dichloroethane	50.0	56.2		ug/Kg		112	70 - 130
1,1-Dichloroethene	50.0	50.4		ug/Kg		101	74 - 122
cis-1,2-Dichloroethene	50.0	57.0		ug/Kg		114	70 - 138
trans-1,2-Dichloroethene	50.0	54.4		ug/Kg		109	67 - 130
1,2-Dichloropropane	50.0	57.6		ug/Kg		115	73 - 127
cis-1,3-Dichloropropene	50.0	56.9		ug/Kg		114	68 - 147
trans-1,3-Dichloropropene	50.0	55.5		ug/Kg		111	70 - 155
Ethylbenzene	50.0	50.8		ug/Kg		102	80 - 137
Hexachlorobutadiene	50.0	46.8		ug/Kg		94	70 - 132
2-Hexanone	250	267		ug/Kg		107	44 - 133
Isopropylbenzene	50.0	51.4		ug/Kg		103	70 - 130
4-Isopropyltoluene	50.0	50.2		ug/Kg		100	70 - 133
Methylene Chloride	50.0	52.8		ug/Kg		106	70 - 134
4-Methyl-2-pentanone (MIBK)	250	275		ug/Kg		110	60 - 160
Naphthalene	50.0	47.5		ug/Kg		95	60 - 147
N-Propylbenzene	50.0	54.0		ug/Kg		108	70 - 130
Styrene	50.0	49.3		ug/Kg		99	70 - 130
1,1,1,2-Tetrachloroethane	50.0	48.1		ug/Kg		96	70 - 130
1,1,1,2,2-Tetrachloroethane	50.0	50.9		ug/Kg		102	70 - 146
Tetrachloroethene	50.0	50.1		ug/Kg		100	70 - 132
Toluene	50.0	49.9		ug/Kg		100	75 - 120
1,2,3-Trichlorobenzene	50.0	43.8		ug/Kg		88	60 - 140
1,2,4-Trichlorobenzene	50.0	46.2		ug/Kg		92	60 - 140
1,1,1-Trichloroethane	50.0	59.3		ug/Kg		119	70 - 130
1,1,2-Trichloroethane	50.0	55.0		ug/Kg		110	70 - 130
Trichloroethene	50.0	51.3		ug/Kg		103	70 - 133
Trichlorofluoromethane	50.0	56.7		ug/Kg		113	60 - 140

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-208127/5

Matrix: Solid

Analysis Batch: 208127

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,3-Trichloropropane	50.0	50.6		ug/Kg		101	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	51.4		ug/Kg		103	60 - 140
1,2,4-Trimethylbenzene	50.0	51.5		ug/Kg		103	70 - 130
1,3,5-Trimethylbenzene	50.0	51.9		ug/Kg		104	70 - 131
Vinyl acetate	50.0	74.8		ug/Kg		150	38 - 176
Vinyl chloride	50.0	48.6		ug/Kg		97	58 - 125
m-Xylene & p-Xylene	50.0	50.7		ug/Kg		101	70 - 146
o-Xylene	50.0	49.9		ug/Kg		100	70 - 140
2,2-Dichloropropane	50.0	67.8		ug/Kg		136	70 - 162

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	94		45 - 131
1,2-Dichloroethane-d4 (Surr)	101		60 - 140
Toluene-d8 (Surr)	100		58 - 140

Lab Sample ID: LCSD 720-208127/6

Matrix: Solid

Analysis Batch: 208127

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	60.3		ug/Kg		121	70 - 144	5	20
Acetone	250	261		ug/Kg		105	30 - 162	6	30
Benzene	50.0	54.5		ug/Kg		109	70 - 130	0	20
Dichlorobromomethane	50.0	57.3		ug/Kg		115	70 - 140	2	20
Bromobenzene	50.0	47.9		ug/Kg		96	70 - 130	1	20
Chlorobromomethane	50.0	51.5		ug/Kg		103	70 - 130	1	20
Bromoform	50.0	50.9		ug/Kg		102	59 - 158	3	20
Bromomethane	50.0	47.3		ug/Kg		95	59 - 132	3	20
2-Butanone (MEK)	250	250		ug/Kg		100	53 - 133	8	20
n-Butylbenzene	50.0	51.9		ug/Kg		104	70 - 142	2	20
sec-Butylbenzene	50.0	51.0		ug/Kg		102	70 - 136	2	20
tert-Butylbenzene	50.0	49.5		ug/Kg		99	70 - 130	2	20
Carbon disulfide	50.0	53.4		ug/Kg		107	60 - 140	3	20
Carbon tetrachloride	50.0	61.6		ug/Kg		123	70 - 142	2	20
Chlorobenzene	50.0	47.6		ug/Kg		95	70 - 130	0	20
Chloroethane	50.0	50.0		ug/Kg		100	65 - 130	3	20
Chloroform	50.0	53.6		ug/Kg		107	77 - 127	0	20
Chloromethane	50.0	57.1		ug/Kg		114	55 - 140	3	20
2-Chlorotoluene	50.0	51.4		ug/Kg		103	70 - 138	1	20
4-Chlorotoluene	50.0	51.3		ug/Kg		103	70 - 136	2	20
Chlorodibromomethane	50.0	54.7		ug/Kg		109	70 - 146	5	20
1,2-Dichlorobenzene	50.0	48.5		ug/Kg		97	70 - 130	1	20
1,3-Dichlorobenzene	50.0	47.9		ug/Kg		96	70 - 131	1	20
1,4-Dichlorobenzene	50.0	47.6		ug/Kg		95	70 - 130	0	20
1,3-Dichloropropane	50.0	54.6		ug/Kg		109	70 - 140	3	20
1,1-Dichloropropene	50.0	54.7		ug/Kg		109	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	50.0	49.6		ug/Kg		99	60 - 145	4	20

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-208127/6

Matrix: Solid

Analysis Batch: 208127

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD	RPD
	Added	Result	Qualifier				Limits		
Ethylene Dibromide	50.0	56.3		ug/Kg		113	70 - 140	4	20
Dibromomethane	50.0	56.0		ug/Kg		112	70 - 139	3	20
Dichlorodifluoromethane	50.0	53.3		ug/Kg		107	37 - 158	2	20
1,1-Dichloroethane	50.0	55.2		ug/Kg		110	70 - 130	0	20
1,2-Dichloroethane	50.0	58.4		ug/Kg		117	70 - 130	4	20
1,1-Dichloroethene	50.0	48.3		ug/Kg		97	74 - 122	4	20
cis-1,2-Dichloroethene	50.0	56.2		ug/Kg		112	70 - 138	1	20
trans-1,2-Dichloroethene	50.0	53.1		ug/Kg		106	67 - 130	2	20
1,2-Dichloropropane	50.0	58.2		ug/Kg		116	73 - 127	1	20
cis-1,3-Dichloropropene	50.0	58.0		ug/Kg		116	68 - 147	2	20
trans-1,3-Dichloropropene	50.0	56.7		ug/Kg		113	70 - 155	2	20
Ethylbenzene	50.0	49.6		ug/Kg		99	80 - 137	2	20
Hexachlorobutadiene	50.0	46.0		ug/Kg		92	70 - 132	2	20
2-Hexanone	250	295		ug/Kg		118	44 - 133	10	20
Isopropylbenzene	50.0	50.2		ug/Kg		100	70 - 130	2	20
4-Isopropyltoluene	50.0	49.1		ug/Kg		98	70 - 133	2	20
Methylene Chloride	50.0	53.0		ug/Kg		106	70 - 134	1	20
4-Methyl-2-pentanone (MIBK)	250	298		ug/Kg		119	60 - 160	8	20
Naphthalene	50.0	51.3		ug/Kg		103	60 - 147	8	20
N-Propylbenzene	50.0	52.9		ug/Kg		106	70 - 130	2	20
Styrene	50.0	49.2		ug/Kg		98	70 - 130	0	20
1,1,1,2-Tetrachloroethane	50.0	48.9		ug/Kg		98	70 - 130	2	20
1,1,1,2,2-Tetrachloroethane	50.0	53.4		ug/Kg		107	70 - 146	5	20
Tetrachloroethene	50.0	49.5		ug/Kg		99	70 - 132	1	20
Toluene	50.0	48.4		ug/Kg		97	75 - 120	3	20
1,2,3-Trichlorobenzene	50.0	47.2		ug/Kg		94	60 - 140	8	20
1,2,4-Trichlorobenzene	50.0	48.3		ug/Kg		97	60 - 140	5	20
1,1,1-Trichloroethane	50.0	58.6		ug/Kg		117	70 - 130	1	20
1,1,2-Trichloroethane	50.0	56.6		ug/Kg		113	70 - 130	3	20
Trichloroethene	50.0	50.4		ug/Kg		101	70 - 133	2	20
Trichlorofluoromethane	50.0	55.8		ug/Kg		112	60 - 140	2	20
1,2,3-Trichloropropane	50.0	53.0		ug/Kg		106	70 - 146	4	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	48.9		ug/Kg		98	60 - 140	5	20
1,2,4-Trimethylbenzene	50.0	50.3		ug/Kg		101	70 - 130	2	20
1,3,5-Trimethylbenzene	50.0	51.1		ug/Kg		102	70 - 131	2	20
Vinyl acetate	50.0	79.7		ug/Kg		159	38 - 176	6	20
Vinyl chloride	50.0	46.5		ug/Kg		93	58 - 125	4	20
m-Xylene & p-Xylene	50.0	49.6		ug/Kg		99	70 - 146	2	20
o-Xylene	50.0	49.2		ug/Kg		98	70 - 140	1	20
2,2-Dichloropropane	50.0	67.7		ug/Kg		135	70 - 162	0	20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	96		45 - 131
1,2-Dichloroethane-d4 (Surr)	107		60 - 140
Toluene-d8 (Surr)	102		58 - 140

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-208139/4

Matrix: Solid

Analysis Batch: 208139

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		5.0		ug/Kg			08/24/16 09:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	107		45 - 131					08/24/16 09:52	1
1,2-Dichloroethane-d4 (Surr)	100		60 - 140					08/24/16 09:52	1
Toluene-d8 (Surr)	106		58 - 140					08/24/16 09:52	1

Lab Sample ID: LCS 720-208139/5

Matrix: Solid

Analysis Batch: 208139

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	50.0	52.8		ug/Kg		106	70 - 132
Surrogate	%Recovery	Qualifier	Limits				
4-Bromofluorobenzene	105		45 - 131				
1,2-Dichloroethane-d4 (Surr)	98		60 - 140				
Toluene-d8 (Surr)	107		58 - 140				

Lab Sample ID: LCSD 720-208139/6

Matrix: Solid

Analysis Batch: 208139

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tetrachloroethene	50.0	52.6		ug/Kg		105	70 - 132	0	20
Surrogate	%Recovery	Qualifier	Limits						
4-Bromofluorobenzene	105		45 - 131						
1,2-Dichloroethane-d4 (Surr)	96		60 - 140						
Toluene-d8 (Surr)	107		58 - 140						

QC Association Summary

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

GC/MS VOA

Analysis Batch: 208108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-74088-1	B-2,0.5 FT	Total/NA	Solid	8260B	208123
720-74088-2	C-2,0.5 FT	Total/NA	Solid	8260B	208123
720-74088-3	NSW1,2.0 FT	Total/NA	Solid	8260B	208123
720-74088-4	NSW1,4.0 FT	Total/NA	Solid	8260B	208123
720-74088-5	BS1,4.0 FT	Total/NA	Solid	8260B	208123
720-74088-6	A-2,5.2 FT	Total/NA	Solid	8260B	208123
720-74088-7	ESW1,2.0 FT	Total/NA	Solid	8260B	208123
720-74088-8	ESW1,4.0 FT	Total/NA	Solid	8260B	208123
720-74088-11	ESW2,2.0 FT	Total/NA	Solid	8260B	208123
720-74088-12	ESW2,4.0 FT	Total/NA	Solid	8260B	208123
720-74088-14	ESW3,4.0 FT	Total/NA	Solid	8260B	208123
720-74088-15	SSW1,2.0 FT	Total/NA	Solid	8260B	208123
720-74088-16	SSW1,4.0 FT	Total/NA	Solid	8260B	208123
720-74088-17	SSW2,2.0 FT	Total/NA	Solid	8260B	208123
720-74088-18	SSW2,4.0 FT	Total/NA	Solid	8260B	208123
720-74088-19	NSW2,2.0 FT	Total/NA	Solid	8260B	208123
720-74088-20	NSW2,4.0 FT	Total/NA	Solid	8260B	208123
MB 720-208108/4	Method Blank	Total/NA	Solid	8260B	
LCS 720-208108/5	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 720-208108/6	Lab Control Sample Dup	Total/NA	Solid	8260B	
720-74088-1 MS	B-2,0.5 FT	Total/NA	Solid	8260B	208123
720-74088-1 MSD	B-2,0.5 FT	Total/NA	Solid	8260B	208123

Prep Batch: 208123

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-74088-1	B-2,0.5 FT	Total/NA	Solid	5030B	
720-74088-2	C-2,0.5 FT	Total/NA	Solid	5030B	
720-74088-3	NSW1,2.0 FT	Total/NA	Solid	5030B	
720-74088-4	NSW1,4.0 FT	Total/NA	Solid	5030B	
720-74088-5	BS1,4.0 FT	Total/NA	Solid	5030B	
720-74088-6	A-2,5.2 FT	Total/NA	Solid	5030B	
720-74088-7	ESW1,2.0 FT	Total/NA	Solid	5030B	
720-74088-8	ESW1,4.0 FT	Total/NA	Solid	5030B	
720-74088-11	ESW2,2.0 FT	Total/NA	Solid	5030B	
720-74088-12	ESW2,4.0 FT	Total/NA	Solid	5030B	
720-74088-13	ESW3,2.0 FT	Total/NA	Solid	5030B	
720-74088-14	ESW3,4.0 FT	Total/NA	Solid	5030B	
720-74088-15	SSW1,2.0 FT	Total/NA	Solid	5030B	
720-74088-16	SSW1,4.0 FT	Total/NA	Solid	5030B	
720-74088-17	SSW2,2.0 FT	Total/NA	Solid	5030B	
720-74088-18	SSW2,4.0 FT	Total/NA	Solid	5030B	
720-74088-19	NSW2,2.0 FT	Total/NA	Solid	5030B	
720-74088-20	NSW2,4.0 FT	Total/NA	Solid	5030B	
720-74088-1 MS	B-2,0.5 FT	Total/NA	Solid	5030B	
720-74088-1 MSD	B-2,0.5 FT	Total/NA	Solid	5030B	

Analysis Batch: 208127

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-74088-13	ESW3,2.0 FT	Total/NA	Solid	8260B	208123
MB 720-208127/4	Method Blank	Total/NA	Solid	8260B	
LCS 720-208127/5	Lab Control Sample	Total/NA	Solid	8260B	

TestAmerica Pleasanton

QC Association Summary

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

GC/MS VOA (Continued)

Analysis Batch: 208127 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 720-208127/6	Lab Control Sample Dup	Total/NA	Solid	8260B	

Analysis Batch: 208139

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-74088-1	B-2,0.5 FT	Total/NA	Solid	8260B	208140
720-74088-2	C-2,0.5 FT	Total/NA	Solid	8260B	208140
720-74088-3	NSW1,2.0 FT	Total/NA	Solid	8260B	208140
720-74088-13	ESW3,2.0 FT	Total/NA	Solid	8260B	208140
MB 720-208139/4	Method Blank	Total/NA	Solid	8260B	
LCS 720-208139/5	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 720-208139/6	Lab Control Sample Dup	Total/NA	Solid	8260B	

Prep Batch: 208140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-74088-1	B-2,0.5 FT	Total/NA	Solid	5030B	
720-74088-2	C-2,0.5 FT	Total/NA	Solid	5030B	
720-74088-3	NSW1,2.0 FT	Total/NA	Solid	5030B	
720-74088-13	ESW3,2.0 FT	Total/NA	Solid	5030B	

Lab Chronicle

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: B-2,0.5 FT

Lab Sample ID: 720-74088-1

Date Collected: 08/23/16 11:00

Matrix: Solid

Date Received: 08/23/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208123	08/23/16 19:07	CTD	TAL PLS
Total/NA	Analysis	8260B		1	208108	08/23/16 21:56	LPL	TAL PLS
Total/NA	Prep	5030B			208140	08/24/16 09:31	LPL	TAL PLS
Total/NA	Analysis	8260B		1	208139	08/24/16 12:54	LPL	TAL PLS

Client Sample ID: C-2,0.5 FT

Lab Sample ID: 720-74088-2

Date Collected: 08/23/16 11:00

Matrix: Solid

Date Received: 08/23/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208123	08/23/16 19:07	CTD	TAL PLS
Total/NA	Analysis	8260B		1	208108	08/23/16 22:25	LPL	TAL PLS
Total/NA	Prep	5030B			208140	08/24/16 09:31	LPL	TAL PLS
Total/NA	Analysis	8260B		1	208139	08/24/16 12:23	LPL	TAL PLS

Client Sample ID: NSW1,2.0 FT

Lab Sample ID: 720-74088-3

Date Collected: 08/23/16 12:30

Matrix: Solid

Date Received: 08/23/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208123	08/23/16 19:07	CTD	TAL PLS
Total/NA	Analysis	8260B		1	208108	08/23/16 22:54	LPL	TAL PLS
Total/NA	Prep	5030B			208140	08/24/16 09:31	LPL	TAL PLS
Total/NA	Analysis	8260B		1	208139	08/24/16 13:55	LPL	TAL PLS

Client Sample ID: NSW1,4.0 FT

Lab Sample ID: 720-74088-4

Date Collected: 08/23/16 12:30

Matrix: Solid

Date Received: 08/23/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208123	08/23/16 19:08	CTD	TAL PLS
Total/NA	Analysis	8260B		1	208108	08/23/16 23:24	LPL	TAL PLS

Client Sample ID: BS1,4.0 FT

Lab Sample ID: 720-74088-5

Date Collected: 08/23/16 12:30

Matrix: Solid

Date Received: 08/23/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208123	08/23/16 19:08	CTD	TAL PLS
Total/NA	Analysis	8260B		1	208108	08/23/16 23:53	LPL	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: A-2,5.2 FT

Lab Sample ID: 720-74088-6

Date Collected: 08/23/16 13:05

Matrix: Solid

Date Received: 08/23/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208123	08/23/16 19:08	CTD	TAL PLS
Total/NA	Analysis	8260B		1	208108	08/24/16 00:23	LPL	TAL PLS

Client Sample ID: ESW1,2.0 FT

Lab Sample ID: 720-74088-7

Date Collected: 08/23/16 13:45

Matrix: Solid

Date Received: 08/23/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208123	08/23/16 19:08	CTD	TAL PLS
Total/NA	Analysis	8260B		1	208108	08/24/16 00:52	LPL	TAL PLS

Client Sample ID: ESW1,4.0 FT

Lab Sample ID: 720-74088-8

Date Collected: 08/23/16 13:45

Matrix: Solid

Date Received: 08/23/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208123	08/23/16 19:08	CTD	TAL PLS
Total/NA	Analysis	8260B		1	208108	08/24/16 01:21	LPL	TAL PLS

Client Sample ID: ESW2,2.0 FT

Lab Sample ID: 720-74088-11

Date Collected: 08/23/16 13:55

Matrix: Solid

Date Received: 08/23/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208123	08/23/16 19:08	CTD	TAL PLS
Total/NA	Analysis	8260B		1	208108	08/24/16 01:50	LPL	TAL PLS

Client Sample ID: ESW2,4.0 FT

Lab Sample ID: 720-74088-12

Date Collected: 08/23/16 13:55

Matrix: Solid

Date Received: 08/23/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208123	08/23/16 19:08	CTD	TAL PLS
Total/NA	Analysis	8260B		1	208108	08/24/16 02:19	LPL	TAL PLS

Client Sample ID: ESW3,2.0 FT

Lab Sample ID: 720-74088-13

Date Collected: 08/23/16 14:10

Matrix: Solid

Date Received: 08/23/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208123	08/23/16 19:08	CTD	TAL PLS
Total/NA	Analysis	8260B		1	208127	08/24/16 10:59	LPL	TAL PLS
Total/NA	Prep	5030B			208140	08/24/16 13:54	LPL	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: ESW3,2.0 FT

Lab Sample ID: 720-74088-13

Date Collected: 08/23/16 14:10

Matrix: Solid

Date Received: 08/23/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		1	208139	08/24/16 14:26	LPL	TAL PLS

Client Sample ID: ESW3,4.0 FT

Lab Sample ID: 720-74088-14

Date Collected: 08/23/16 14:10

Matrix: Solid

Date Received: 08/23/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208123	08/23/16 19:08	CTD	TAL PLS
Total/NA	Analysis	8260B		1	208108	08/24/16 02:49	LPL	TAL PLS

Client Sample ID: SSW1,2.0 FT

Lab Sample ID: 720-74088-15

Date Collected: 08/23/16 15:15

Matrix: Solid

Date Received: 08/23/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208123	08/23/16 19:08	CTD	TAL PLS
Total/NA	Analysis	8260B		1	208108	08/24/16 03:18	LPL	TAL PLS

Client Sample ID: SSW1,4.0 FT

Lab Sample ID: 720-74088-16

Date Collected: 08/23/16 15:15

Matrix: Solid

Date Received: 08/23/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208123	08/23/16 19:08	CTD	TAL PLS
Total/NA	Analysis	8260B		1	208108	08/24/16 03:48	LPL	TAL PLS

Client Sample ID: SSW2,2.0 FT

Lab Sample ID: 720-74088-17

Date Collected: 08/23/16 15:20

Matrix: Solid

Date Received: 08/23/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208123	08/23/16 19:08	CTD	TAL PLS
Total/NA	Analysis	8260B		1	208108	08/24/16 04:17	LPL	TAL PLS

Client Sample ID: SSW2,4.0 FT

Lab Sample ID: 720-74088-18

Date Collected: 08/23/16 15:20

Matrix: Solid

Date Received: 08/23/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208123	08/23/16 19:08	CTD	TAL PLS
Total/NA	Analysis	8260B		1	208108	08/24/16 04:46	LPL	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Client Sample ID: NSW2,2.0 FT

Lab Sample ID: 720-74088-19

Date Collected: 08/23/16 13:30

Matrix: Solid

Date Received: 08/23/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208123	08/23/16 19:08	CTD	TAL PLS
Total/NA	Analysis	8260B		1	208108	08/24/16 05:15	LPL	TAL PLS

Client Sample ID: NSW2,4.0 FT

Lab Sample ID: 720-74088-20

Date Collected: 08/23/16 13:30

Matrix: Solid

Date Received: 08/23/16 16:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208123	08/23/16 19:08	CTD	TAL PLS
Total/NA	Analysis	8260B		1	208108	08/24/16 05:44	LPL	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-18

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Method Summary

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919



Sample Summary

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74088-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-74088-1	B-2,0.5 FT	Solid	08/23/16 11:00	08/23/16 16:10
720-74088-2	C-2,0.5 FT	Solid	08/23/16 11:00	08/23/16 16:10
720-74088-3	NSW1,2.0 FT	Solid	08/23/16 12:30	08/23/16 16:10
720-74088-4	NSW1,4.0 FT	Solid	08/23/16 12:30	08/23/16 16:10
720-74088-5	BS1,4.0 FT	Solid	08/23/16 12:30	08/23/16 16:10
720-74088-6	A-2,5.2 FT	Solid	08/23/16 13:05	08/23/16 16:10
720-74088-7	ESW1,2.0 FT	Solid	08/23/16 13:45	08/23/16 16:10
720-74088-8	ESW1,4.0 FT	Solid	08/23/16 13:45	08/23/16 16:10
720-74088-11	ESW2,2.0 FT	Solid	08/23/16 13:55	08/23/16 16:10
720-74088-12	ESW2,4.0 FT	Solid	08/23/16 13:55	08/23/16 16:10
720-74088-13	ESW3,2.0 FT	Solid	08/23/16 14:10	08/23/16 16:10
720-74088-14	ESW3,4.0 FT	Solid	08/23/16 14:10	08/23/16 16:10
720-74088-15	SSW1,2.0 FT	Solid	08/23/16 15:15	08/23/16 16:10
720-74088-16	SSW1,4.0 FT	Solid	08/23/16 15:15	08/23/16 16:10
720-74088-17	SSW2,2.0 FT	Solid	08/23/16 15:20	08/23/16 16:10
720-74088-18	SSW2,4.0 FT	Solid	08/23/16 15:20	08/23/16 16:10
720-74088-19	NSW2,2.0 FT	Solid	08/23/16 13:30	08/23/16 16:10
720-74088-20	NSW2,4.0 FT	Solid	08/23/16 13:30	08/23/16 16:10

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ATC Project No: 1191600012

Report To

Analysis Request

720-74088

TESTAMERICA Pleasanton Chain of Custody
 1220 Quarry Lane • Pleasanton CA 94566-4756
 Phone: (925) 484-1919 • Fax: (925) 600-3002

Reference #: 170574

Date 8-23-16 Page 1 of 2

8/24/2016

Attn: Kym Thedi
 Company: ATC Group Services
 Address: 3400 Carmine Ranch, St 360, Concord
 Email: kim.thedi@atcgroupservices.com
 Bill To: _____
 Attn: _____
 Phone: 925-804-2864
 Sampled By: KT/G.S

Sample ID	Date	Time	Met	Preserv
B-2-0.5 FT	08/23/16	11:00	SO	NONE
C-2-0.5 FT		11:00	SO	NONE
NSW1, 2.0 FT		12:30	SO	NONE
NSW1, 4.0 FT		12:30	SO	NONE
BS1, 4.0 FT		12:30	SO	NONE
A-2, 5.1 FT		13:05	SO	NONE
ESW1, 2.0 FT		13:45	SO	NONE
ESW1, 4.0 FT		13:45	SO	NONE
ESW2, 2.0 FT		13:45	SO	NONE
ESW2, 4.0 FT		13:45	SO	NONE

Volatile Organics GC/MS (VOCs) <input checked="" type="checkbox"/> EPA 8260B HVOCS by <input type="checkbox"/> EPA 8260B EPA 8260B: <input type="checkbox"/> Gas <input type="checkbox"/> BTEX <input type="checkbox"/> 5 Oxygenates <input type="checkbox"/> DCA, ED6 <input type="checkbox"/> Ethanol TEPH EPA 8015B <input type="checkbox"/> Silica Gel <input type="checkbox"/> Diesel <input type="checkbox"/> Motor Oil <input type="checkbox"/> Other _____ SemiVolatile Organics GC/MS <input type="checkbox"/> EPA 8270C PNA/PAH's by <input type="checkbox"/> 8270C <input type="checkbox"/> 8270C SIM Oil and Grease <input type="checkbox"/> Petroleum (EPA 1664/9071) <input type="checkbox"/> Total Pesticides <input type="checkbox"/> EPA 8081 <input type="checkbox"/> PCBs <input type="checkbox"/> EPA 8082 CAM17 Metals (EPA 6010/7470/7471) Metals: <input type="checkbox"/> 6010B <input type="checkbox"/> 200.7 <input type="checkbox"/> Lead <input type="checkbox"/> LUFT <input type="checkbox"/> RCRA <input type="checkbox"/> Other _____ Metals: <input type="checkbox"/> 6020 <input type="checkbox"/> 200.8 (ICP-MS): _____ <input type="checkbox"/> W.E.T (STLC) <input type="checkbox"/> W.E.T (Di) <input type="checkbox"/> TCLP Hex. Chrom by <input type="checkbox"/> EPA 7196 <input type="checkbox"/> or EPA 7199 pH: <input type="checkbox"/> 9040 <input type="checkbox"/> SM4500 <input type="checkbox"/> Spec. Cond. <input type="checkbox"/> Alkalinity <input type="checkbox"/> TSS <input type="checkbox"/> SS <input type="checkbox"/> TDS Anions: <input type="checkbox"/> Cl <input type="checkbox"/> SO4 <input type="checkbox"/> NO3 <input type="checkbox"/> F <input type="checkbox"/> Br <input type="checkbox"/> NO2 <input type="checkbox"/> PO4 <input type="checkbox"/> Perchlorate by EPA 314.0 COD <input type="checkbox"/> EPA 410.4 <input type="checkbox"/> SM5220D <input type="checkbox"/> Turbidity	1) Received by: _____ Signature: _____ Printed Name: <u>Gabe Strivela</u> Date: <u>8-23-16</u> Company: <u>ATC</u>	2) Relinquished by: _____ Signature: _____ Printed Name: _____ Date: _____ Company: _____	3) Relinquished by: _____ Signature: _____ Printed Name: _____ Date: _____ Company: _____
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RUSBY

RUSBY

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ATC Project No: 1191600712

TESTAMERICA Pleasanton Chain of Custody
 1220 Quarry Lane • Pleasanton CA 94566-4756
 Phone: (925) 484-1919 • Fax: (925) 600-3002

Reference #:

170578

Date: 8-23-16 Page 2 of 2

8/24/2016

Report To

Analysis/Request

Attn: Kim Thai
 Company: ATC Group Services
 Address: 2400 Camino Ramon, Ste 360, San Ramon, CA 94583
 Email: Kim.Thai@atcassociates.com
 Bill To:
 Sampled By: kt./e.s.
 Phone: 925-804-2864

Sample ID	Date	Time	Mat	Preserv
ESW2, 2,0FT	082816	13:55	SO	NONE
ESW2, 4,0FT	"	"	"	"
NSW3, 2,0FT	"	14:10	SO	"
NSW3, 4,0FT	"	"	"	"
SSW1, 2,0FT	"	15:15	"	"
SSW1, 4,0FT	"	"	"	"
SSW2, 2,0FT	"	15:20	"	"
SSW2, 4,0FT	"	"	"	"

Project Info
 Project Name: #1191600712
 GSD Market Place, Castro Valley

Sample Receipt
 # of Containers:
 Head Space:
 Temp:

Credit Card
 YIN: If yes, please call with payment information ASAP

Report: Routine Level 3 Level 4 EDD EDF
 Special Instructions / Comments: Global ID

See Terms and Conditions on reverse

Volatile Organics GC/MS (VOCs)
 EPA 8260B
 HVOCs by EPA 8260B
 EPA 8260B: Gas BTEX
 5 Oxygenates DCA, ED6 Ethanol
 TEPH EPA 8015B Silica Gel
 Diesel Motor Oil Other
 SemiVolatile Organics GC/MS
 EPA 8270C
 PNA/PAH's by 8270C
 8270C SIM
 Oil and Grease Petroleum
 (EPA 1664/9071) Total
 Pesticides EPA 8081
 PCBs EPA 8082
 CAM17 Metals
 (EPA 6010/7470/7471)
 Metals: 6010B 200.7
 Lead LUFT RCRA
 Other:
 Metals: 6020 200.8
 (ICP-MS):
 W.E.T (STLC)
 W.E.T (DI) TCLP
 Hex. Chrom by EPA 7196
 or EPA 7199
 pH: 9040
 SM4500
 Spec. Cond. Alkalinity
 TSS SS TDS
 Anions: Cl SO₄ NO₃ F
 Br NO₂ PO₄
 Perchlorate by EPA 314.0
 COD EPA 410.4 SM5220D
 Turbidity

1) Received by: *[Signature]* Time: 8-23-16
 Printed Name: Gabe Stivala
 Date: 16:10
 Company: ATC

2) Relinquished by: *[Signature]* Time: _____
 Printed Name: _____
 Date: _____
 Company: _____

3) Relinquished by: *[Signature]* Time: _____
 Printed Name: _____
 Date: _____
 Company: _____

1) Received by: *[Signature]* Time: 8-23-16
 Printed Name: Vanessa Nava
 Date: 16:10
 Company: XN

2) Received by: *[Signature]* Time: _____
 Printed Name: _____
 Date: _____
 Company: _____

3) Received by: *[Signature]* Time: _____
 Printed Name: _____
 Date: _____
 Company: _____

Login Sample Receipt Checklist

Client: ATC Group Services LLC.

Job Number: 720-74088-1

Login Number: 74088

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Arauz, Dennis

Question	Answer	Comment
Radioactivity wasn't checked or is <=/ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

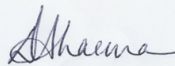
ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Pleasanton
1220 Quarry Lane
Pleasanton, CA 94566
Tel: (925)484-1919

TestAmerica Job ID: 720-74113-1
Client Project/Site: 580 Market Place

For:
ATC Group Services LLC.
2400 Camino Ramon
Suite 360
San Ramon, California 94583

Attn: Kim Thai



Authorized for release by:
8/26/2016 5:07:21 PM

Dimple Sharma, Senior Project Manager
(925)484-1919
dimple.sharma@testamericainc.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:
www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

1

2

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5

6

7

8

9

10

11

12

13

14

15



Table of Contents

Cover Page	1
Table of Contents	2
Definitions/Glossary	3
Case Narrative	4
Detection Summary	5
Client Sample Results	7
Surrogate Summary	41
QC Sample Results	43
QC Association Summary	53
Lab Chronicle	55
Certification Summary	59
Method Summary	60
Sample Summary	61
Chain of Custody	62
Receipt Checklists	66

Definitions/Glossary

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Case Narrative

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Job ID: 720-74113-1

Laboratory: TestAmerica Pleasanton

Narrative

Job Narrative
720-74113-1

Comments

No additional comments.

Receipt

The samples were received on 8/24/2016 1:50 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperature of the cooler at receipt was 8.8° C.

Receipt Exceptions

Received 2 samples not listed on the coc. BS3, 4.0 ft and BS4, 4.0 ft. Added for analyses per client's email.

GC/MS VOA

No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
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- 14
- 15

Detection Summary

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: WSW1,2.0 ft

Lab Sample ID: 720-74113-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	30		4.7		ug/Kg	1		8260B	Total/NA
Trichloroethene	26		4.7		ug/Kg	1		8260B	Total/NA

Client Sample ID: WSW1,4.0 ft

Lab Sample ID: 720-74113-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	8.2		4.9		ug/Kg	1		8260B	Total/NA
Trichloroethene	10		4.9		ug/Kg	1		8260B	Total/NA

Client Sample ID: WSW2,2.0 ft

Lab Sample ID: 720-74113-3

No Detections.

Client Sample ID: WSW2,4.0 ft

Lab Sample ID: 720-74113-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	120		48		ug/Kg	1		8260B	Total/NA

Client Sample ID: CL1, 2.0 ft

Lab Sample ID: 720-74113-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	63		4.9		ug/Kg	1		8260B	Total/NA
Tetrachloroethene	65000		2400		ug/Kg	500		8260B	Total/NA

Client Sample ID: LAT 1 ft

Lab Sample ID: 720-74113-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	23		4.9		ug/Kg	1		8260B	Total/NA

Client Sample ID: LAT 4 ft

Lab Sample ID: 720-74113-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	14		5.0		ug/Kg	1		8260B	Total/NA

Client Sample ID: WSW1, 1.0 ft

Lab Sample ID: 720-74113-8

No Detections.

Client Sample ID: NSW4, 2.0 ft

Lab Sample ID: 720-74113-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	11		4.9		ug/Kg	1		8260B	Total/NA
Tetrachloroethene	890		490		ug/Kg	100		8260B	Total/NA
Trichloroethene	87		4.9		ug/Kg	1		8260B	Total/NA

Client Sample ID: NSW4, 3.0 ft

Lab Sample ID: 720-74113-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	42		4.9		ug/Kg	1		8260B	Total/NA
Tetrachloroethene	1900		460		ug/Kg	100		8260B	Total/NA
Trichloroethene	120		4.9		ug/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Detection Summary

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: NSW1, 5.0 ft

Lab Sample ID: 720-74113-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	190		5.0		ug/Kg	1		8260B	Total/NA
Trichloroethene	69		5.0		ug/Kg	1		8260B	Total/NA

Client Sample ID: B-1, 5.0 ft

Lab Sample ID: 720-74113-12

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	84		49		ug/Kg	1		8260B	Total/NA
cis-1,2-Dichloroethene	79		4.9		ug/Kg	1		8260B	Total/NA
Trichloroethene	120		4.9		ug/Kg	1		8260B	Total/NA

Client Sample ID: NSW3, 5.0 ft

Lab Sample ID: 720-74113-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	23		4.9		ug/Kg	1		8260B	Total/NA

Client Sample ID: BS2, 5.0 ft

Lab Sample ID: 720-74113-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	11		4.8		ug/Kg	1		8260B	Total/NA

Client Sample ID: C2, 4.0 ft

Lab Sample ID: 720-74113-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	9.2		4.9		ug/Kg	1		8260B	Total/NA
Trichloroethene	10		4.9		ug/Kg	1		8260B	Total/NA

Client Sample ID: BS3, 4.0 ft

Lab Sample ID: 720-74113-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	5.0		5.0		ug/Kg	1		8260B	Total/NA
Tetrachloroethene	8.7		5.0		ug/Kg	1		8260B	Total/NA

Client Sample ID: BS4, 4.0 ft

Lab Sample ID: 720-74113-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
cis-1,2-Dichloroethene	17		4.9		ug/Kg	1		8260B	Total/NA

This Detection Summary does not include radiochemical test results.

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: WSW1,2.0 ft

Lab Sample ID: 720-74113-1

Date Collected: 08/24/16 09:55

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Acetone	ND		47		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Benzene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Dichlorobromomethane	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Bromobenzene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Chlorobromomethane	ND		19		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Bromoform	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Bromomethane	ND		9.4		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
2-Butanone (MEK)	ND		47		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
n-Butylbenzene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
sec-Butylbenzene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
tert-Butylbenzene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Carbon disulfide	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Carbon tetrachloride	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Chlorobenzene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Chloroethane	ND		9.4		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Chloroform	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Chloromethane	ND		9.4		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
2-Chlorotoluene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
4-Chlorotoluene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Chlorodibromomethane	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
1,2-Dichlorobenzene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
1,3-Dichlorobenzene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
1,4-Dichlorobenzene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
1,3-Dichloropropane	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
1,1-Dichloropropene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
1,2-Dibromo-3-Chloropropane	ND		9.4		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Ethylene Dibromide	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Dibromomethane	ND		9.4		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Dichlorodifluoromethane	ND		9.4		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
1,1-Dichloroethane	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
1,2-Dichloroethane	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
1,1-Dichloroethene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
cis-1,2-Dichloroethene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
trans-1,2-Dichloroethene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
1,2-Dichloropropane	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
cis-1,3-Dichloropropene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
trans-1,3-Dichloropropene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Ethylbenzene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Hexachlorobutadiene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
2-Hexanone	ND		47		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Isopropylbenzene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
4-Isopropyltoluene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Methylene Chloride	ND		9.4		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
4-Methyl-2-pentanone (MIBK)	ND		47		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Naphthalene	ND		9.4		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
N-Propylbenzene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Styrene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
1,1,1,2-Tetrachloroethane	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: WSW1,2.0 ft

Lab Sample ID: 720-74113-1

Date Collected: 08/24/16 09:55

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Tetrachloroethene	30		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Toluene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
1,2,3-Trichlorobenzene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
1,2,4-Trichlorobenzene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
1,1,1-Trichloroethane	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
1,1,2-Trichloroethane	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Trichloroethene	26		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Trichlorofluoromethane	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
1,2,3-Trichloropropane	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
1,2,4-Trimethylbenzene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
1,3,5-Trimethylbenzene	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Vinyl acetate	ND		19		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Vinyl chloride	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
Xylenes, Total	ND		9.4		ug/Kg		08/24/16 17:22	08/24/16 21:15	1
2,2-Dichloropropane	ND		4.7		ug/Kg		08/24/16 17:22	08/24/16 21:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	94		45 - 131	08/24/16 17:22	08/24/16 21:15	1
1,2-Dichloroethane-d4 (Surr)	100		60 - 140	08/24/16 17:22	08/24/16 21:15	1
Toluene-d8 (Surr)	101		58 - 140	08/24/16 17:22	08/24/16 21:15	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: WSW1,4.0 ft

Lab Sample ID: 720-74113-2

Date Collected: 08/24/16 10:00

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Acetone	ND		49		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Benzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Dichlorobromomethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Bromobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Chlorobromomethane	ND		20		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Bromoform	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Bromomethane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
2-Butanone (MEK)	ND		49		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
n-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
sec-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
tert-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Carbon disulfide	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Carbon tetrachloride	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Chlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Chloroethane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Chloroform	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Chloromethane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
2-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
4-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Chlorodibromomethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
1,3-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
1,1-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Ethylene Dibromide	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Dibromomethane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Dichlorodifluoromethane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
1,1-Dichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
1,2-Dichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
1,1-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
1,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Ethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Hexachlorobutadiene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
2-Hexanone	ND		49		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Isopropylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
4-Isopropyltoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Methylene Chloride	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Naphthalene	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
N-Propylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Styrene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: WSW1,4.0 ft

Lab Sample ID: 720-74113-2

Date Collected: 08/24/16 10:00

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Tetrachloroethene	8.2		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Toluene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Trichloroethene	10		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Trichlorofluoromethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Vinyl acetate	ND		20		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Vinyl chloride	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
Xylenes, Total	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 21:44	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 21:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	92		45 - 131	08/24/16 17:22	08/24/16 21:44	1
1,2-Dichloroethane-d4 (Surr)	99		60 - 140	08/24/16 17:22	08/24/16 21:44	1
Toluene-d8 (Surr)	101		58 - 140	08/24/16 17:22	08/24/16 21:44	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: WSW2,2.0 ft

Lab Sample ID: 720-74113-3

Date Collected: 08/24/16 10:30

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Acetone	ND		49		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Benzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Dichlorobromomethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Bromobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Chlorobromomethane	ND		20		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Bromoform	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Bromomethane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
2-Butanone (MEK)	ND		49		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
n-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
sec-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
tert-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Carbon disulfide	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Carbon tetrachloride	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Chlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Chloroethane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Chloroform	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Chloromethane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
2-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
4-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Chlorodibromomethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
1,3-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
1,1-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Ethylene Dibromide	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Dibromomethane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Dichlorodifluoromethane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
1,1-Dichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
1,2-Dichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
1,1-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
1,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Ethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Hexachlorobutadiene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
2-Hexanone	ND		49		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Isopropylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
4-Isopropyltoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Methylene Chloride	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Naphthalene	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
N-Propylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Styrene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: WSW2,2.0 ft

Lab Sample ID: 720-74113-3

Date Collected: 08/24/16 10:30

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Tetrachloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Toluene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Trichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Trichlorofluoromethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Vinyl acetate	ND		20		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Vinyl chloride	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
Xylenes, Total	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 22:13	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 22:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		45 - 131	08/24/16 17:22	08/24/16 22:13	1
1,2-Dichloroethane-d4 (Surr)	100		60 - 140	08/24/16 17:22	08/24/16 22:13	1
Toluene-d8 (Surr)	101		58 - 140	08/24/16 17:22	08/24/16 22:13	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: WSW2,4.0 ft

Lab Sample ID: 720-74113-4

Date Collected: 08/24/16 10:50

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Acetone	120		48		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Benzene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Dichlorobromomethane	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Bromobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Chlorobromomethane	ND		19		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Bromoform	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Bromomethane	ND		9.7		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
2-Butanone (MEK)	ND		48		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
n-Butylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
sec-Butylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
tert-Butylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Carbon disulfide	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Carbon tetrachloride	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Chlorobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Chloroethane	ND		9.7		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Chloroform	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Chloromethane	ND		9.7		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
2-Chlorotoluene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
4-Chlorotoluene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Chlorodibromomethane	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
1,3-Dichloropropane	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
1,1-Dichloropropane	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Ethylene Dibromide	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Dibromomethane	ND		9.7		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Dichlorodifluoromethane	ND		9.7		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
1,1-Dichloroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
1,2-Dichloroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
1,1-Dichloroethene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
1,2-Dichloropropane	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Ethylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Hexachlorobutadiene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
2-Hexanone	ND		48		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Isopropylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
4-Isopropyltoluene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Methylene Chloride	ND		9.7		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Naphthalene	ND		9.7		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
N-Propylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Styrene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: WSW2,4.0 ft

Lab Sample ID: 720-74113-4

Date Collected: 08/24/16 10:50

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Tetrachloroethene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Toluene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Trichloroethene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Trichlorofluoromethane	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Vinyl acetate	ND		19		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Vinyl chloride	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
Xylenes, Total	ND		9.7		ug/Kg		08/24/16 17:22	08/24/16 22:42	1
2,2-Dichloropropane	ND		4.8		ug/Kg		08/24/16 17:22	08/24/16 22:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	88		45 - 131	08/24/16 17:22	08/24/16 22:42	1
1,2-Dichloroethane-d4 (Surr)	98		60 - 140	08/24/16 17:22	08/24/16 22:42	1
Toluene-d8 (Surr)	101		58 - 140	08/24/16 17:22	08/24/16 22:42	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: CL1, 2.0 ft

Date Collected: 08/24/16 09:45

Date Received: 08/24/16 13:50

Lab Sample ID: 720-74113-5

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Acetone	ND		49		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Benzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Dichlorobromomethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Bromobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Chlorobromomethane	ND		20		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Bromoform	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Bromomethane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
2-Butanone (MEK)	ND		49		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
n-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
sec-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
tert-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Carbon disulfide	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Carbon tetrachloride	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Chlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Chloroethane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Chloroform	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Chloromethane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
2-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
4-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Chlorodibromomethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
1,3-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
1,1-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Ethylene Dibromide	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Dibromomethane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Dichlorodifluoromethane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
1,1-Dichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
1,2-Dichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
1,1-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
cis-1,2-Dichloroethene	63		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
1,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Ethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Hexachlorobutadiene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
2-Hexanone	ND		49		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Isopropylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
4-Isopropyltoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Methylene Chloride	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Naphthalene	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
N-Propylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Styrene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: CL1, 2.0 ft

Lab Sample ID: 720-74113-5

Date Collected: 08/24/16 09:45

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Tetrachloroethene	65000		2400		ug/Kg		08/25/16 09:26	08/26/16 13:13	500
Toluene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Trichlorofluoromethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Vinyl acetate	ND		20		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Vinyl chloride	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Xylenes, Total	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:11	1
Trichloroethene	ND		2400		ug/Kg		08/25/16 09:26	08/26/16 13:13	500

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	89		45 - 131	08/24/16 17:22	08/24/16 23:11	1
4-Bromofluorobenzene	102		66 - 148	08/25/16 09:26	08/26/16 13:13	500
1,2-Dichloroethane-d4 (Surr)	97		60 - 140	08/24/16 17:22	08/24/16 23:11	1
1,2-Dichloroethane-d4 (Surr)	95		62 - 137	08/25/16 09:26	08/26/16 13:13	500
Toluene-d8 (Surr)	99		58 - 140	08/24/16 17:22	08/24/16 23:11	1
Toluene-d8 (Surr)	101		65 - 141	08/25/16 09:26	08/26/16 13:13	500

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: LAT 1 ft

Date Collected: 08/24/16 09:40

Date Received: 08/24/16 13:50

Lab Sample ID: 720-74113-6

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Acetone	ND		49		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Benzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Dichlorobromomethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Bromobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Chlorobromomethane	ND		20		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Bromoform	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Bromomethane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
2-Butanone (MEK)	ND		49		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
n-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
sec-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
tert-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Carbon disulfide	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Carbon tetrachloride	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Chlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Chloroethane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Chloroform	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Chloromethane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
2-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
4-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Chlorodibromomethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
1,3-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
1,1-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Ethylene Dibromide	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Dibromomethane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Dichlorodifluoromethane	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
1,1-Dichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
1,2-Dichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
1,1-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
1,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Ethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Hexachlorobutadiene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
2-Hexanone	ND		49		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Isopropylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
4-Isopropyltoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Methylene Chloride	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Naphthalene	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
N-Propylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Styrene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: LAT 1 ft

Lab Sample ID: 720-74113-6

Date Collected: 08/24/16 09:40

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Tetrachloroethene	23		4.9		ug/Kg		08/25/16 14:45	08/25/16 15:10	1
Toluene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Trichloroethene	ND		4.9		ug/Kg		08/25/16 14:45	08/25/16 15:10	1
Trichlorofluoromethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Vinyl acetate	ND		20		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Vinyl chloride	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
Xylenes, Total	ND		9.8		ug/Kg		08/24/16 17:22	08/24/16 23:40	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/24/16 23:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		45 - 131	08/24/16 17:22	08/24/16 23:40	1
4-Bromofluorobenzene	101		45 - 131	08/25/16 14:45	08/25/16 15:10	1
1,2-Dichloroethane-d4 (Surr)	98		60 - 140	08/24/16 17:22	08/24/16 23:40	1
1,2-Dichloroethane-d4 (Surr)	98		60 - 140	08/25/16 14:45	08/25/16 15:10	1
Toluene-d8 (Surr)	100		58 - 140	08/24/16 17:22	08/24/16 23:40	1
Toluene-d8 (Surr)	101		58 - 140	08/25/16 14:45	08/25/16 15:10	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: LAT 4 ft

Date Collected: 08/24/16 09:50

Date Received: 08/24/16 13:50

Lab Sample ID: 720-74113-7

Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Acetone	ND		49		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Benzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Dichlorobromomethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Bromobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Chlorobromomethane	ND		20		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Bromoform	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Bromomethane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
2-Butanone (MEK)	ND		49		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
n-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
sec-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
tert-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Carbon disulfide	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Carbon tetrachloride	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Chlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Chloroethane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Chloroform	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Chloromethane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
2-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
4-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Chlorodibromomethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
1,3-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
1,1-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Ethylene Dibromide	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Dibromomethane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Dichlorodifluoromethane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
1,1-Dichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
1,2-Dichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
1,1-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
cis-1,2-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
1,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Ethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Hexachlorobutadiene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
2-Hexanone	ND		49		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Isopropylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
4-Isopropyltoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Methylene Chloride	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Naphthalene	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
N-Propylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Styrene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: LAT 4 ft

Lab Sample ID: 720-74113-7

Date Collected: 08/24/16 09:50

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Tetrachloroethene	14		5.0		ug/Kg		08/25/16 09:15	08/25/16 11:37	1
Toluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Trichloroethene	ND		5.0		ug/Kg		08/25/16 09:15	08/25/16 11:37	1
Trichlorofluoromethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Vinyl acetate	ND		20		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Vinyl chloride	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
Xylenes, Total	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 00:09	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 00:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		45 - 131	08/24/16 17:22	08/25/16 00:09	1
4-Bromofluorobenzene	103		45 - 131	08/25/16 09:15	08/25/16 11:37	1
1,2-Dichloroethane-d4 (Surr)	102		60 - 140	08/24/16 17:22	08/25/16 00:09	1
1,2-Dichloroethane-d4 (Surr)	101		60 - 140	08/25/16 09:15	08/25/16 11:37	1
Toluene-d8 (Surr)	102		58 - 140	08/24/16 17:22	08/25/16 00:09	1
Toluene-d8 (Surr)	102		58 - 140	08/25/16 09:15	08/25/16 11:37	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: WSW1, 1.0 ft

Lab Sample ID: 720-74113-8

Date Collected: 08/24/16 10:00

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Acetone	ND		48		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Benzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Dichlorobromomethane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Bromobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Chlorobromomethane	ND		19		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Bromoform	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Bromomethane	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
2-Butanone (MEK)	ND		48		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
n-Butylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
sec-Butylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
tert-Butylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Carbon disulfide	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Carbon tetrachloride	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Chlorobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Chloroethane	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Chloroform	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Chloromethane	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
2-Chlorotoluene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
4-Chlorotoluene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Chlorodibromomethane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
1,3-Dichloropropane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
1,1-Dichloropropane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Ethylene Dibromide	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Dibromomethane	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Dichlorodifluoromethane	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
1,1-Dichloroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
1,2-Dichloroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
1,1-Dichloroethene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
cis-1,2-Dichloroethene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
1,2-Dichloropropane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Ethylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Hexachlorobutadiene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
2-Hexanone	ND		48		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Isopropylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
4-Isopropyltoluene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Methylene Chloride	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Naphthalene	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
N-Propylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Styrene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: WSW1, 1.0 ft

Lab Sample ID: 720-74113-8

Date Collected: 08/24/16 10:00

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Tetrachloroethene	ND		4.7		ug/Kg		08/25/16 09:15	08/25/16 11:06	1
Toluene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Trichloroethene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Trichlorofluoromethane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Vinyl acetate	ND		19		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Vinyl chloride	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
Xylenes, Total	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 00:38	1
2,2-Dichloropropane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 00:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		45 - 131	08/24/16 17:22	08/25/16 00:38	1
4-Bromofluorobenzene	101		45 - 131	08/25/16 09:15	08/25/16 11:06	1
1,2-Dichloroethane-d4 (Surr)	96		60 - 140	08/24/16 17:22	08/25/16 00:38	1
1,2-Dichloroethane-d4 (Surr)	97		60 - 140	08/25/16 09:15	08/25/16 11:06	1
Toluene-d8 (Surr)	100		58 - 140	08/24/16 17:22	08/25/16 00:38	1
Toluene-d8 (Surr)	103		58 - 140	08/25/16 09:15	08/25/16 11:06	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: NSW4, 2.0 ft

Lab Sample ID: 720-74113-9

Date Collected: 08/24/16 10:25

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Acetone	ND		49		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Benzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Dichlorobromomethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Bromobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Chlorobromomethane	ND		19		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Bromoform	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Bromomethane	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
2-Butanone (MEK)	ND		49		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
n-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
sec-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
tert-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Carbon disulfide	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Carbon tetrachloride	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Chlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Chloroethane	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Chloroform	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Chloromethane	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
2-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
4-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Chlorodibromomethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
1,3-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
1,1-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Ethylene Dibromide	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Dibromomethane	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Dichlorodifluoromethane	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
1,1-Dichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
1,2-Dichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
1,1-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
cis-1,2-Dichloroethene	11		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
1,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Ethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Hexachlorobutadiene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
2-Hexanone	ND		49		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Isopropylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
4-Isopropyltoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Methylene Chloride	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Naphthalene	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
N-Propylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Styrene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: NSW4, 2.0 ft

Lab Sample ID: 720-74113-9

Date Collected: 08/24/16 10:25

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Tetrachloroethene	890		490		ug/Kg		08/25/16 09:26	08/26/16 12:13	100
Toluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Trichloroethene	87		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Trichlorofluoromethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Vinyl acetate	ND		19		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Vinyl chloride	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Xylenes, Total	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	87		45 - 131				08/24/16 17:22	08/25/16 01:07	1
4-Bromofluorobenzene	102		66 - 148				08/25/16 09:26	08/26/16 12:13	100
1,2-Dichloroethane-d4 (Surr)	98		60 - 140				08/24/16 17:22	08/25/16 01:07	1
1,2-Dichloroethane-d4 (Surr)	94		62 - 137				08/25/16 09:26	08/26/16 12:13	100
Toluene-d8 (Surr)	99		58 - 140				08/24/16 17:22	08/25/16 01:07	1
Toluene-d8 (Surr)	103		65 - 141				08/25/16 09:26	08/26/16 12:13	100

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: NSW4, 3.0 ft

Lab Sample ID: 720-74113-10

Date Collected: 08/24/16 10:30

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Acetone	ND		49		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Benzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Dichlorobromomethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Bromobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Chlorobromomethane	ND		19		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Bromoform	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Bromomethane	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
2-Butanone (MEK)	ND		49		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
n-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
sec-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
tert-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Carbon disulfide	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Carbon tetrachloride	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Chlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Chloroethane	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Chloroform	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Chloromethane	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
2-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
4-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Chlorodibromomethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
1,3-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
1,1-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
1,2-Dibromo-3-Chloropropane	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Ethylene Dibromide	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Dibromomethane	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Dichlorodifluoromethane	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
1,1-Dichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
1,2-Dichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
1,1-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
cis-1,2-Dichloroethene	42		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
1,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Ethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Hexachlorobutadiene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
2-Hexanone	ND		49		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Isopropylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
4-Isopropyltoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Methylene Chloride	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Naphthalene	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
N-Propylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Styrene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: NSW4, 3.0 ft

Lab Sample ID: 720-74113-10

Date Collected: 08/24/16 10:30

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Tetrachloroethene	1900		460		ug/Kg		08/25/16 09:26	08/26/16 12:42	100
Toluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Trichloroethene	120		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Trichlorofluoromethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Vinyl acetate	ND		19		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Vinyl chloride	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
Xylenes, Total	ND		9.7		ug/Kg		08/24/16 17:22	08/25/16 01:36	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 01:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	83		45 - 131	08/24/16 17:22	08/25/16 01:36	1
4-Bromofluorobenzene	103		66 - 148	08/25/16 09:26	08/26/16 12:42	100
1,2-Dichloroethane-d4 (Surr)	97		60 - 140	08/24/16 17:22	08/25/16 01:36	1
1,2-Dichloroethane-d4 (Surr)	96		62 - 137	08/25/16 09:26	08/26/16 12:42	100
Toluene-d8 (Surr)	98		58 - 140	08/24/16 17:22	08/25/16 01:36	1
Toluene-d8 (Surr)	102		65 - 141	08/25/16 09:26	08/26/16 12:42	100

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: NSW1, 5.0 ft

Lab Sample ID: 720-74113-11

Date Collected: 08/24/16 11:10

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Acetone	ND		50		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Benzene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Dichlorobromomethane	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Bromobenzene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Chlorobromomethane	ND		20		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Bromoform	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Bromomethane	ND		10		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
2-Butanone (MEK)	ND		50		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
n-Butylbenzene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
sec-Butylbenzene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
tert-Butylbenzene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Carbon disulfide	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Carbon tetrachloride	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Chlorobenzene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Chloroethane	ND		10		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Chloroform	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Chloromethane	ND		10		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
2-Chlorotoluene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
4-Chlorotoluene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Chlorodibromomethane	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
1,3-Dichloropropane	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
1,1-Dichloropropane	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Ethylene Dibromide	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Dibromomethane	ND		10		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Dichlorodifluoromethane	ND		10		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
1,1-Dichloroethane	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
1,2-Dichloroethane	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
1,1-Dichloroethene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
cis-1,2-Dichloroethene	190		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
1,2-Dichloropropane	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Ethylbenzene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Hexachlorobutadiene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
2-Hexanone	ND		50		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Isopropylbenzene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
4-Isopropyltoluene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Methylene Chloride	ND		10		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Naphthalene	ND		10		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
N-Propylbenzene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Styrene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: NSW1, 5.0 ft

Lab Sample ID: 720-74113-11

Date Collected: 08/24/16 11:10

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Tetrachloroethene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Toluene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Trichloroethene	69		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Trichlorofluoromethane	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Vinyl acetate	ND		20		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Vinyl chloride	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
Xylenes, Total	ND		10		ug/Kg		08/24/16 17:22	08/25/16 02:05	1
2,2-Dichloropropane	ND		5.0		ug/Kg		08/24/16 17:22	08/25/16 02:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		45 - 131	08/24/16 17:22	08/25/16 02:05	1
1,2-Dichloroethane-d4 (Surr)	105		60 - 140	08/24/16 17:22	08/25/16 02:05	1
Toluene-d8 (Surr)	101		58 - 140	08/24/16 17:22	08/25/16 02:05	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: B-1, 5.0 ft
Date Collected: 08/24/16 11:00
Date Received: 08/24/16 13:50

Lab Sample ID: 720-74113-12
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Acetone	84		49		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Benzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Dichlorobromomethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Bromobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Chlorobromomethane	ND		20		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Bromoform	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Bromomethane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
2-Butanone (MEK)	ND		49		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
n-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
sec-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
tert-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Carbon disulfide	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Carbon tetrachloride	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Chlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Chloroethane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Chloroform	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Chloromethane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
2-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
4-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Chlorodibromomethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
1,3-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
1,1-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Ethylene Dibromide	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Dibromomethane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Dichlorodifluoromethane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
1,1-Dichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
1,2-Dichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
1,1-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
cis-1,2-Dichloroethene	79		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
1,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Ethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Hexachlorobutadiene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
2-Hexanone	ND		49		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Isopropylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
4-Isopropyltoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Methylene Chloride	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Naphthalene	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
N-Propylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Styrene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: B-1, 5.0 ft

Lab Sample ID: 720-74113-12

Date Collected: 08/24/16 11:00

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Tetrachloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Toluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Trichloroethene	120		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Trichlorofluoromethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Vinyl acetate	ND		20		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Vinyl chloride	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
Xylenes, Total	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 02:34	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 02:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	87		45 - 131	08/24/16 17:22	08/25/16 02:34	1
1,2-Dichloroethane-d4 (Surr)	99		60 - 140	08/24/16 17:22	08/25/16 02:34	1
Toluene-d8 (Surr)	101		58 - 140	08/24/16 17:22	08/25/16 02:34	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: NSW3, 5.0 ft

Lab Sample ID: 720-74113-13

Date Collected: 08/24/16 12:45

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Acetone	ND		49		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Benzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Dichlorobromomethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Bromobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Chlorobromomethane	ND		20		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Bromoform	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Bromomethane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
2-Butanone (MEK)	ND		49		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
n-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
sec-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
tert-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Carbon disulfide	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Carbon tetrachloride	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Chlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Chloroethane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Chloroform	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Chloromethane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
2-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
4-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Chlorodibromomethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
1,3-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
1,1-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Ethylene Dibromide	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Dibromomethane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Dichlorodifluoromethane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
1,1-Dichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
1,2-Dichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
1,1-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
cis-1,2-Dichloroethene	23		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
1,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Ethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Hexachlorobutadiene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
2-Hexanone	ND		49		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Isopropylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
4-Isopropyltoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Methylene Chloride	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Naphthalene	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
N-Propylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Styrene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: NSW3, 5.0 ft

Lab Sample ID: 720-74113-13

Date Collected: 08/24/16 12:45

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Tetrachloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Toluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Trichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Trichlorofluoromethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Vinyl acetate	ND		20		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Vinyl chloride	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
Xylenes, Total	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 03:03	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 03:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		45 - 131	08/24/16 17:22	08/25/16 03:03	1
1,2-Dichloroethane-d4 (Surr)	99		60 - 140	08/24/16 17:22	08/25/16 03:03	1
Toluene-d8 (Surr)	100		58 - 140	08/24/16 17:22	08/25/16 03:03	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: BS2, 5.0 ft

Lab Sample ID: 720-74113-14

Date Collected: 08/24/16 12:47

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Acetone	ND		48		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Benzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Dichlorobromomethane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Bromobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Chlorobromomethane	ND		19		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Bromoform	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Bromomethane	ND		9.6		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
2-Butanone (MEK)	ND		48		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
n-Butylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
sec-Butylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
tert-Butylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Carbon disulfide	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Carbon tetrachloride	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Chlorobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Chloroethane	ND		9.6		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Chloroform	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Chloromethane	ND		9.6		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
2-Chlorotoluene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
4-Chlorotoluene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Chlorodibromomethane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
1,2-Dichlorobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
1,3-Dichlorobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
1,4-Dichlorobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
1,3-Dichloropropane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
1,1-Dichloropropane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
1,2-Dibromo-3-Chloropropane	ND		9.6		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Ethylene Dibromide	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Dibromomethane	ND		9.6		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Dichlorodifluoromethane	ND		9.6		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
1,1-Dichloroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
1,2-Dichloroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
1,1-Dichloroethene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
cis-1,2-Dichloroethene	11		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
trans-1,2-Dichloroethene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
1,2-Dichloropropane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
cis-1,3-Dichloropropene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
trans-1,3-Dichloropropene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Ethylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Hexachlorobutadiene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
2-Hexanone	ND		48		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Isopropylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
4-Isopropyltoluene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Methylene Chloride	ND		9.6		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
4-Methyl-2-pentanone (MIBK)	ND		48		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Naphthalene	ND		9.6		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
N-Propylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Styrene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
1,1,1,2-Tetrachloroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: BS2, 5.0 ft

Lab Sample ID: 720-74113-14

Date Collected: 08/24/16 12:47

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Tetrachloroethene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Toluene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
1,2,3-Trichlorobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
1,2,4-Trichlorobenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
1,1,1-Trichloroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
1,1,2-Trichloroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Trichloroethene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Trichlorofluoromethane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
1,2,3-Trichloropropane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
1,2,4-Trimethylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
1,3,5-Trimethylbenzene	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Vinyl acetate	ND		19		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Vinyl chloride	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
Xylenes, Total	ND		9.6		ug/Kg		08/24/16 17:22	08/25/16 03:32	1
2,2-Dichloropropane	ND		4.8		ug/Kg		08/24/16 17:22	08/25/16 03:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		45 - 131	08/24/16 17:22	08/25/16 03:32	1
1,2-Dichloroethane-d4 (Surr)	96		60 - 140	08/24/16 17:22	08/25/16 03:32	1
Toluene-d8 (Surr)	100		58 - 140	08/24/16 17:22	08/25/16 03:32	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: C2, 4.0 ft

Lab Sample ID: 720-74113-15

Date Collected: 08/24/16 12:30

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Acetone	ND		49		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Benzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Dichlorobromomethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Bromobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Chlorobromomethane	ND		20		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Bromoform	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Bromomethane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
2-Butanone (MEK)	ND		49		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
n-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
sec-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
tert-Butylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Carbon disulfide	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Carbon tetrachloride	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Chlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Chloroethane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Chloroform	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Chloromethane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
2-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
4-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Chlorodibromomethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
1,3-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
1,1-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Ethylene Dibromide	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Dibromomethane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Dichlorodifluoromethane	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
1,1-Dichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
1,2-Dichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
1,1-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
cis-1,2-Dichloroethene	9.2		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
1,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Ethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Hexachlorobutadiene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
2-Hexanone	ND		49		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Isopropylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
4-Isopropyltoluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Methylene Chloride	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Naphthalene	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
N-Propylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Styrene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: C2, 4.0 ft
Date Collected: 08/24/16 12:30
Date Received: 08/24/16 13:50

Lab Sample ID: 720-74113-15
Matrix: Solid

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Tetrachloroethene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Toluene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Trichloroethene	10		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Trichlorofluoromethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Vinyl acetate	ND		20		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Vinyl chloride	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Xylenes, Total	ND		9.8		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 17:22	08/25/16 04:00	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		45 - 131				08/24/16 17:22	08/25/16 04:00	1
1,2-Dichloroethane-d4 (Surr)	97		60 - 140				08/24/16 17:22	08/25/16 04:00	1
Toluene-d8 (Surr)	100		58 - 140				08/24/16 17:22	08/25/16 04:00	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: BS3, 4.0 ft

Lab Sample ID: 720-74113-16

Date Collected: 08/24/16 09:15

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Acetone	ND		50		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Benzene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Dichlorobromomethane	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Bromobenzene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Chlorobromomethane	ND		20		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Bromoform	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Bromomethane	ND		9.9		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
2-Butanone (MEK)	ND		50		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
n-Butylbenzene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
sec-Butylbenzene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
tert-Butylbenzene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Carbon disulfide	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Carbon tetrachloride	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Chlorobenzene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Chloroethane	ND		9.9		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Chloroform	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Chloromethane	ND		9.9		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
2-Chlorotoluene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
4-Chlorotoluene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Chlorodibromomethane	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
1,3-Dichloropropane	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
1,1-Dichloropropane	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
1,2-Dibromo-3-Chloropropane	ND		9.9		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Ethylene Dibromide	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Dibromomethane	ND		9.9		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Dichlorodifluoromethane	ND		9.9		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
1,1-Dichloroethane	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
1,2-Dichloroethane	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
1,1-Dichloroethene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
cis-1,2-Dichloroethene	5.0		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
trans-1,2-Dichloroethene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
1,2-Dichloropropane	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Ethylbenzene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Hexachlorobutadiene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
2-Hexanone	ND		50		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Isopropylbenzene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
4-Isopropyltoluene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Methylene Chloride	ND		9.9		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Naphthalene	ND		9.9		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
N-Propylbenzene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Styrene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: BS3, 4.0 ft

Lab Sample ID: 720-74113-16

Date Collected: 08/24/16 09:15

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Tetrachloroethene	8.7		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Toluene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Trichloroethene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Trichlorofluoromethane	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Vinyl acetate	ND		20		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Vinyl chloride	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
Xylenes, Total	ND		9.9		ug/Kg		08/24/16 20:35	08/25/16 04:29	1
2,2-Dichloropropane	ND		5.0		ug/Kg		08/24/16 20:35	08/25/16 04:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	90		45 - 131	08/24/16 20:35	08/25/16 04:29	1
1,2-Dichloroethane-d4 (Surr)	97		60 - 140	08/24/16 20:35	08/25/16 04:29	1
Toluene-d8 (Surr)	100		58 - 140	08/24/16 20:35	08/25/16 04:29	1

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: BS4, 4.0 ft

Lab Sample ID: 720-74113-17

Date Collected: 08/24/16 09:15

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Acetone	ND		49		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Benzene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Dichlorobromomethane	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Bromobenzene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Chlorobromomethane	ND		20		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Bromoform	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Bromomethane	ND		9.8		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
2-Butanone (MEK)	ND		49		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
n-Butylbenzene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
sec-Butylbenzene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
tert-Butylbenzene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Carbon disulfide	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Carbon tetrachloride	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Chlorobenzene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Chloroethane	ND		9.8		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Chloroform	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Chloromethane	ND		9.8		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
2-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
4-Chlorotoluene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Chlorodibromomethane	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
1,2-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
1,3-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
1,4-Dichlorobenzene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
1,3-Dichloropropane	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
1,1-Dichloropropene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
1,2-Dibromo-3-Chloropropane	ND		9.8		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Ethylene Dibromide	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Dibromomethane	ND		9.8		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Dichlorodifluoromethane	ND		9.8		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
1,1-Dichloroethane	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
1,2-Dichloroethane	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
1,1-Dichloroethene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
cis-1,2-Dichloroethene	17		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
trans-1,2-Dichloroethene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
1,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
cis-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
trans-1,3-Dichloropropene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Ethylbenzene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Hexachlorobutadiene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
2-Hexanone	ND		49		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Isopropylbenzene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
4-Isopropyltoluene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Methylene Chloride	ND		9.8		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
4-Methyl-2-pentanone (MIBK)	ND		49		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Naphthalene	ND		9.8		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
N-Propylbenzene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Styrene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
1,1,1,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1

TestAmerica Pleasanton

Client Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: BS4, 4.0 ft

Lab Sample ID: 720-74113-17

Date Collected: 08/24/16 09:15

Matrix: Solid

Date Received: 08/24/16 13:50

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Tetrachloroethene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Toluene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
1,2,3-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
1,2,4-Trichlorobenzene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
1,1,1-Trichloroethane	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
1,1,2-Trichloroethane	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Trichloroethene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Trichlorofluoromethane	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
1,2,3-Trichloropropane	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
1,2,4-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
1,3,5-Trimethylbenzene	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Vinyl acetate	ND		20		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Vinyl chloride	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
Xylenes, Total	ND		9.8		ug/Kg		08/24/16 20:35	08/25/16 04:58	1
2,2-Dichloropropane	ND		4.9		ug/Kg		08/24/16 20:35	08/25/16 04:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	91		45 - 131	08/24/16 20:35	08/25/16 04:58	1
1,2-Dichloroethane-d4 (Surr)	100		60 - 140	08/24/16 20:35	08/25/16 04:58	1
Toluene-d8 (Surr)	101		58 - 140	08/24/16 20:35	08/25/16 04:58	1

Surrogate Summary

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (45-131)	12DCE (60-140)	TOL (58-140)
720-74113-1	WSW1, 2.0 ft	94	100	101
720-74113-1 MS	WSW1, 2.0 ft	99	99	102
720-74113-1 MSD	WSW1, 2.0 ft	97	96	103
720-74113-2	WSW1, 4.0 ft	92	99	101
720-74113-3	WSW2, 2.0 ft	93	100	101
720-74113-4	WSW2, 4.0 ft	88	98	101
720-74113-5	CL1, 2.0 ft	89	97	99
720-74113-6	LAT 1 ft	91	98	100
720-74113-6	LAT 1 ft	101	98	101
720-74113-7	LAT 4 ft	93	102	102
720-74113-7	LAT 4 ft	103	101	102
720-74113-8	WSW1, 1.0 ft	90	96	100
720-74113-8	WSW1, 1.0 ft	101	97	103
720-74113-9	NSW4, 2.0 ft	87	98	99
720-74113-10	NSW4, 3.0 ft	83	97	98
720-74113-11	NSW1, 5.0 ft	91	105	101
720-74113-12	B-1, 5.0 ft	87	99	101
720-74113-13	NSW3, 5.0 ft	91	99	100
720-74113-14	BS2, 5.0 ft	91	96	100
720-74113-15	C2, 4.0 ft	90	97	100
720-74113-16	BS3, 4.0 ft	90	97	100
720-74113-17	BS4, 4.0 ft	91	100	101
LCS 720-208207/4	Lab Control Sample	99	98	102
LCS 720-208224/5	Lab Control Sample	102	96	104
LCSD 720-208207/5	Lab Control Sample Dup	101	101	103
LCSD 720-208224/6	Lab Control Sample Dup	104	98	104
MB 720-208207/3	Method Blank	93	99	101
MB 720-208224/4	Method Blank	103	98	103

Surrogate Legend

BFB = 4-Bromofluorobenzene
12DCE = 1,2-Dichloroethane-d4 (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)		
		BFB (66-148)	12DCE (62-137)	TOL (65-141)
720-74113-5	CL1, 2.0 ft	102	95	101
720-74113-9	NSW4, 2.0 ft	102	94	103
720-74113-10	NSW4, 3.0 ft	103	96	102
LCS 720-208293/5	Lab Control Sample	104	91	103
LCSD 720-208293/6	Lab Control Sample Dup	101	94	103
MB 720-208293/4	Method Blank	103	94	103

Surrogate Legend

BFB = 4-Bromofluorobenzene
12DCE = 1,2-Dichloroethane-d4 (Surr)

TestAmerica Pleasanton

Surrogate Summary

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

TOL = Toluene-d8 (Surr)

1

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QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: 720-74113-1 MS

Matrix: Solid

Analysis Batch: 208207

Client Sample ID: WSW1,2.0 ft

Prep Type: Total/NA

Prep Batch: 208140

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	Limits
	Result	Qualifier	Added	Result	Qualifier				
Methyl tert-butyl ether	ND		49.5	57.5		ug/Kg		116	69 - 130
Acetone	ND		248	235		ug/Kg		95	37 - 150
Benzene	ND		49.5	56.3		ug/Kg		114	70 - 130
Dichlorobromomethane	ND		49.5	56.7		ug/Kg		115	64 - 135
Bromobenzene	ND		49.5	51.9		ug/Kg		105	70 - 130
Chlorobromomethane	ND		49.5	57.5		ug/Kg		116	65 - 130
Bromoform	ND		49.5	53.2		ug/Kg		107	58 - 132
Bromomethane	ND		49.5	56.3		ug/Kg		114	56 - 130
2-Butanone (MEK)	ND		248	230		ug/Kg		93	41 - 150
n-Butylbenzene	ND		49.5	53.0		ug/Kg		107	60 - 145
sec-Butylbenzene	ND		49.5	53.7		ug/Kg		108	64 - 137
tert-Butylbenzene	ND		49.5	51.7		ug/Kg		104	63 - 134
Carbon disulfide	ND		49.5	59.9		ug/Kg		121	10 - 150
Carbon tetrachloride	ND		49.5	56.9		ug/Kg		115	54 - 130
Chlorobenzene	ND		49.5	53.9		ug/Kg		109	70 - 130
Chloroethane	ND		49.5	55.0		ug/Kg		111	61 - 130
Chloroform	ND		49.5	55.8		ug/Kg		113	67 - 130
Chloromethane	ND		49.5	56.6		ug/Kg		114	50 - 131
2-Chlorotoluene	ND		49.5	51.9		ug/Kg		105	70 - 130
4-Chlorotoluene	ND		49.5	52.4		ug/Kg		106	70 - 130
Chlorodibromomethane	ND		49.5	53.4		ug/Kg		108	60 - 141
1,2-Dichlorobenzene	ND		49.5	53.3		ug/Kg		108	70 - 130
1,3-Dichlorobenzene	ND		49.5	53.5		ug/Kg		108	70 - 130
1,4-Dichlorobenzene	ND		49.5	54.3		ug/Kg		110	70 - 130
1,3-Dichloropropane	ND		49.5	56.8		ug/Kg		115	70 - 130
1,1-Dichloropropene	ND		49.5	56.1		ug/Kg		113	67 - 130
1,2-Dibromo-3-Chloropropane	ND		49.5	53.4		ug/Kg		108	57 - 130
Ethylene Dibromide	ND		49.5	61.8		ug/Kg		125	66 - 135
Dibromomethane	ND		49.5	57.8		ug/Kg		117	65 - 131
Dichlorodifluoromethane	ND		49.5	62.6		ug/Kg		126	38 - 130
1,1-Dichloroethane	ND		49.5	55.1		ug/Kg		111	67 - 130
1,2-Dichloroethane	ND		49.5	55.4		ug/Kg		112	70 - 130
1,1-Dichloroethene	ND		49.5	56.9		ug/Kg		115	64 - 130
cis-1,2-Dichloroethene	ND		49.5	60.6		ug/Kg		115	68 - 131
trans-1,2-Dichloroethene	ND		49.5	57.8		ug/Kg		117	70 - 130
1,2-Dichloropropane	ND		49.5	57.1		ug/Kg		115	65 - 133
cis-1,3-Dichloropropene	ND		49.5	58.2		ug/Kg		118	46 - 139
trans-1,3-Dichloropropene	ND		49.5	57.7		ug/Kg		117	55 - 131
Ethylbenzene	ND		49.5	54.1		ug/Kg		109	65 - 130
Hexachlorobutadiene	ND		49.5	51.8		ug/Kg		105	58 - 132
2-Hexanone	ND		248	218		ug/Kg		88	44 - 150
Isopropylbenzene	ND		49.5	55.6		ug/Kg		112	65 - 130
4-Isopropyltoluene	ND		49.5	54.0		ug/Kg		109	69 - 134
Methylene Chloride	ND		49.5	57.6		ug/Kg		116	63 - 130
4-Methyl-2-pentanone (MIBK)	ND		248	221		ug/Kg		89	51 - 140
Naphthalene	ND		49.5	53.5		ug/Kg		108	45 - 146
N-Propylbenzene	ND		49.5	51.8		ug/Kg		105	70 - 130
Styrene	ND		49.5	54.3		ug/Kg		110	58 - 135

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-74113-1 MS
Matrix: Solid
Analysis Batch: 208207

Client Sample ID: WSW1,2.0 ft
Prep Type: Total/NA
Prep Batch: 208140

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.	Limits
	Result	Qualifier	Added	Result	Qualifier					
1,1,1,2-Tetrachloroethane	ND		49.5	52.5		ug/Kg		106		64 - 133
1,1,2,2-Tetrachloroethane	ND		49.5	54.0		ug/Kg		109		70 - 131
Tetrachloroethene	30		49.5	91.4		ug/Kg		124		67 - 130
Toluene	ND		49.5	54.2		ug/Kg		109		70 - 130
1,2,3-Trichlorobenzene	ND		49.5	53.9		ug/Kg		109		58 - 138
1,2,4-Trichlorobenzene	ND		49.5	53.0		ug/Kg		107		49 - 144
1,1,1-Trichloroethane	ND		49.5	56.6		ug/Kg		114		57 - 133
1,1,2-Trichloroethane	ND		49.5	58.3		ug/Kg		118		68 - 132
Trichlorofluoromethane	ND		49.5	55.9		ug/Kg		113		61 - 130
1,2,3-Trichloropropane	ND		49.5	56.7		ug/Kg		115		62 - 150
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.5	60.2		ug/Kg		122		52 - 130
1,2,4-Trimethylbenzene	ND		49.5	52.8		ug/Kg		107		64 - 140
1,3,5-Trimethylbenzene	ND		49.5	53.1		ug/Kg		107		67 - 134
Vinyl acetate	ND		49.5	56.0		ug/Kg		113		52 - 150
Vinyl chloride	ND		49.5	56.3		ug/Kg		114		62 - 130
m-Xylene & p-Xylene	ND		49.5	54.1		ug/Kg		109		70 - 130
o-Xylene	ND		49.5	53.4		ug/Kg		108		68 - 130
2,2-Dichloropropane	ND		49.5	58.6		ug/Kg		118		63 - 130
Trichloroethene	26		49.5	85.2		ug/Kg		119		66 - 130
		MS	MS							
Surrogate		%Recovery	Qualifier	Limits						
4-Bromofluorobenzene		99		45 - 131						
1,2-Dichloroethane-d4 (Surr)		99		60 - 140						
Toluene-d8 (Surr)		102		58 - 140						

Lab Sample ID: 720-74113-1 MSD
Matrix: Solid
Analysis Batch: 208207

Client Sample ID: WSW1,2.0 ft
Prep Type: Total/NA
Prep Batch: 208140

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	Limits	RPD	Limit
	Result	Qualifier	Added	Result	Qualifier							
Methyl tert-butyl ether	ND		49.2	53.3		ug/Kg		108		69 - 130	8	20
Acetone	ND		246	203		ug/Kg		83		37 - 150	15	20
Benzene	ND		49.2	55.2		ug/Kg		112		70 - 130	2	20
Dichlorobromomethane	ND		49.2	55.1		ug/Kg		112		64 - 135	3	20
Bromobenzene	ND		49.2	51.6		ug/Kg		105		70 - 130	1	20
Chlorobromomethane	ND		49.2	55.0		ug/Kg		112		65 - 130	4	20
Bromoform	ND		49.2	50.2		ug/Kg		102		58 - 132	6	20
Bromomethane	ND		49.2	55.3		ug/Kg		112		56 - 130	2	20
2-Butanone (MEK)	ND		246	199		ug/Kg		81		41 - 150	14	20
n-Butylbenzene	ND		49.2	53.6		ug/Kg		109		60 - 145	1	20
sec-Butylbenzene	ND		49.2	53.8		ug/Kg		109		64 - 137	0	20
tert-Butylbenzene	ND		49.2	52.2		ug/Kg		106		63 - 134	1	20
Carbon disulfide	ND		49.2	59.6		ug/Kg		121		10 - 150	1	20
Carbon tetrachloride	ND		49.2	56.5		ug/Kg		115		54 - 130	1	20
Chlorobenzene	ND		49.2	53.0		ug/Kg		108		70 - 130	2	20
Chloroethane	ND		49.2	54.9		ug/Kg		112		61 - 130	0	20
Chloroform	ND		49.2	54.5		ug/Kg		111		67 - 130	2	20

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-74113-1 MSD
Matrix: Solid
Analysis Batch: 208207

Client Sample ID: WSW1,2.0 ft
Prep Type: Total/NA
Prep Batch: 208140

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloromethane	ND		49.2	56.7		ug/Kg		115	50 - 131	0	20
2-Chlorotoluene	ND		49.2	52.0		ug/Kg		106	70 - 130	0	20
4-Chlorotoluene	ND		49.2	52.2		ug/Kg		106	70 - 130	0	20
Chlorodibromomethane	ND		49.2	51.3		ug/Kg		104	60 - 141	4	20
1,2-Dichlorobenzene	ND		49.2	52.0		ug/Kg		106	70 - 130	2	20
1,3-Dichlorobenzene	ND		49.2	53.0		ug/Kg		108	70 - 130	1	20
1,4-Dichlorobenzene	ND		49.2	53.5		ug/Kg		109	70 - 130	1	20
1,3-Dichloropropane	ND		49.2	53.3		ug/Kg		108	70 - 130	6	20
1,1-Dichloropropene	ND		49.2	55.8		ug/Kg		113	67 - 130	1	20
1,2-Dibromo-3-Chloropropane	ND		49.2	48.2		ug/Kg		98	57 - 130	10	20
Ethylene Dibromide	ND		49.2	58.1		ug/Kg		118	66 - 135	6	20
Dibromomethane	ND		49.2	54.5		ug/Kg		111	65 - 131	6	20
Dichlorodifluoromethane	ND		49.2	63.0		ug/Kg		128	38 - 130	1	20
1,1-Dichloroethane	ND		49.2	54.1		ug/Kg		110	67 - 130	2	20
1,2-Dichloroethane	ND		49.2	52.6		ug/Kg		107	70 - 130	5	20
1,1-Dichloroethene	ND		49.2	56.6		ug/Kg		115	64 - 130	0	20
cis-1,2-Dichloroethene	ND		49.2	58.9		ug/Kg		113	68 - 131	3	20
trans-1,2-Dichloroethene	ND		49.2	57.1		ug/Kg		116	70 - 130	1	20
1,2-Dichloropropane	ND		49.2	55.7		ug/Kg		113	65 - 133	2	20
cis-1,3-Dichloropropene	ND		49.2	56.6		ug/Kg		115	46 - 139	3	20
trans-1,3-Dichloropropene	ND		49.2	55.1		ug/Kg		112	55 - 131	5	20
Ethylbenzene	ND		49.2	53.7		ug/Kg		109	65 - 130	1	20
Hexachlorobutadiene	ND		49.2	52.4		ug/Kg		106	58 - 132	1	20
2-Hexanone	ND		246	190		ug/Kg		77	44 - 150	14	20
Isopropylbenzene	ND		49.2	55.3		ug/Kg		112	65 - 130	1	20
4-Isopropyltoluene	ND		49.2	54.1		ug/Kg		110	69 - 134	0	20
Methylene Chloride	ND		49.2	56.3		ug/Kg		114	63 - 130	2	20
4-Methyl-2-pentanone (MIBK)	ND		246	196		ug/Kg		80	51 - 140	12	20
Naphthalene	ND		49.2	49.3		ug/Kg		100	45 - 146	8	20
N-Propylbenzene	ND		49.2	52.1		ug/Kg		106	70 - 130	1	20
Styrene	ND		49.2	52.9		ug/Kg		107	58 - 135	3	20
1,1,1,2-Tetrachloroethane	ND		49.2	51.3		ug/Kg		104	64 - 133	2	20
1,1,1,2-Tetrachloroethane	ND		49.2	49.6		ug/Kg		101	70 - 131	8	20
Tetrachloroethene	30		49.2	87.8		ug/Kg		117	67 - 130	4	20
Toluene	ND		49.2	53.9		ug/Kg		109	70 - 130	1	20
1,2,3-Trichlorobenzene	ND		49.2	52.0		ug/Kg		106	58 - 138	4	20
1,2,4-Trichlorobenzene	ND		49.2	51.1		ug/Kg		104	49 - 144	4	20
1,1,1-Trichloroethane	ND		49.2	56.2		ug/Kg		114	57 - 133	1	20
1,1,2-Trichloroethane	ND		49.2	54.5		ug/Kg		111	68 - 132	7	20
Trichlorofluoromethane	ND		49.2	55.6		ug/Kg		113	61 - 130	0	20
1,2,3-Trichloropropane	ND		49.2	52.1		ug/Kg		106	62 - 150	8	20
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		49.2	60.1		ug/Kg		122	52 - 130	0	20
1,2,4-Trimethylbenzene	ND		49.2	52.5		ug/Kg		107	64 - 140	1	20
1,3,5-Trimethylbenzene	ND		49.2	53.2		ug/Kg		108	67 - 134	0	20
Vinyl acetate	ND		49.2	51.4		ug/Kg		104	52 - 150	9	20
Vinyl chloride	ND		49.2	55.8		ug/Kg		113	62 - 130	1	20
m-Xylene & p-Xylene	ND		49.2	53.5		ug/Kg		109	70 - 130	1	20

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 720-74113-1 MSD
Matrix: Solid
Analysis Batch: 208207

Client Sample ID: WSW1,2.0 ft
Prep Type: Total/NA
Prep Batch: 208140

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
o-Xylene	ND		49.2	52.9		ug/Kg		107	68 - 130	1	20
2,2-Dichloropropane	ND		49.2	58.3		ug/Kg		118	63 - 130	0	20
Trichloroethene	26		49.2	80.2		ug/Kg		109	66 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene	97		45 - 131								
1,2-Dichloroethane-d4 (Surr)	96		60 - 140								
Toluene-d8 (Surr)	103		58 - 140								

Lab Sample ID: MB 720-208207/3
Matrix: Solid
Analysis Batch: 208207

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	ND		5.0		ug/Kg			08/24/16 18:50	1
Acetone	ND		50		ug/Kg			08/24/16 18:50	1
Benzene	ND		5.0		ug/Kg			08/24/16 18:50	1
Dichlorobromomethane	ND		5.0		ug/Kg			08/24/16 18:50	1
Bromobenzene	ND		5.0		ug/Kg			08/24/16 18:50	1
Chlorobromomethane	ND		20		ug/Kg			08/24/16 18:50	1
Bromoform	ND		5.0		ug/Kg			08/24/16 18:50	1
Bromomethane	ND		10		ug/Kg			08/24/16 18:50	1
2-Butanone (MEK)	ND		50		ug/Kg			08/24/16 18:50	1
n-Butylbenzene	ND		5.0		ug/Kg			08/24/16 18:50	1
sec-Butylbenzene	ND		5.0		ug/Kg			08/24/16 18:50	1
tert-Butylbenzene	ND		5.0		ug/Kg			08/24/16 18:50	1
Carbon disulfide	ND		5.0		ug/Kg			08/24/16 18:50	1
Carbon tetrachloride	ND		5.0		ug/Kg			08/24/16 18:50	1
Chlorobenzene	ND		5.0		ug/Kg			08/24/16 18:50	1
Chloroethane	ND		10		ug/Kg			08/24/16 18:50	1
Chloroform	ND		5.0		ug/Kg			08/24/16 18:50	1
Chloromethane	ND		10		ug/Kg			08/24/16 18:50	1
2-Chlorotoluene	ND		5.0		ug/Kg			08/24/16 18:50	1
4-Chlorotoluene	ND		5.0		ug/Kg			08/24/16 18:50	1
Chlorodibromomethane	ND		5.0		ug/Kg			08/24/16 18:50	1
1,2-Dichlorobenzene	ND		5.0		ug/Kg			08/24/16 18:50	1
1,3-Dichlorobenzene	ND		5.0		ug/Kg			08/24/16 18:50	1
1,4-Dichlorobenzene	ND		5.0		ug/Kg			08/24/16 18:50	1
1,3-Dichloropropane	ND		5.0		ug/Kg			08/24/16 18:50	1
1,1-Dichloropropene	ND		5.0		ug/Kg			08/24/16 18:50	1
1,2-Dibromo-3-Chloropropane	ND		10		ug/Kg			08/24/16 18:50	1
Ethylene Dibromide	ND		5.0		ug/Kg			08/24/16 18:50	1
Dibromomethane	ND		10		ug/Kg			08/24/16 18:50	1
Dichlorodifluoromethane	ND		10		ug/Kg			08/24/16 18:50	1
1,1-Dichloroethane	ND		5.0		ug/Kg			08/24/16 18:50	1
1,2-Dichloroethane	ND		5.0		ug/Kg			08/24/16 18:50	1
1,1-Dichloroethene	ND		5.0		ug/Kg			08/24/16 18:50	1
cis-1,2-Dichloroethene	ND		5.0		ug/Kg			08/24/16 18:50	1

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-208207/3
Matrix: Solid
Analysis Batch: 208207

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
trans-1,2-Dichloroethene	ND		5.0		ug/Kg			08/24/16 18:50	1
1,2-Dichloropropane	ND		5.0		ug/Kg			08/24/16 18:50	1
cis-1,3-Dichloropropene	ND		5.0		ug/Kg			08/24/16 18:50	1
trans-1,3-Dichloropropene	ND		5.0		ug/Kg			08/24/16 18:50	1
Ethylbenzene	ND		5.0		ug/Kg			08/24/16 18:50	1
Hexachlorobutadiene	ND		5.0		ug/Kg			08/24/16 18:50	1
2-Hexanone	ND		50		ug/Kg			08/24/16 18:50	1
Isopropylbenzene	ND		5.0		ug/Kg			08/24/16 18:50	1
4-Isopropyltoluene	ND		5.0		ug/Kg			08/24/16 18:50	1
Methylene Chloride	ND		10		ug/Kg			08/24/16 18:50	1
4-Methyl-2-pentanone (MIBK)	ND		50		ug/Kg			08/24/16 18:50	1
Naphthalene	ND		10		ug/Kg			08/24/16 18:50	1
N-Propylbenzene	ND		5.0		ug/Kg			08/24/16 18:50	1
Styrene	ND		5.0		ug/Kg			08/24/16 18:50	1
1,1,1,2-Tetrachloroethane	ND		5.0		ug/Kg			08/24/16 18:50	1
1,1,2,2-Tetrachloroethane	ND		5.0		ug/Kg			08/24/16 18:50	1
Tetrachloroethene	ND		5.0		ug/Kg			08/24/16 18:50	1
Toluene	ND		5.0		ug/Kg			08/24/16 18:50	1
1,2,3-Trichlorobenzene	ND		5.0		ug/Kg			08/24/16 18:50	1
1,2,4-Trichlorobenzene	ND		5.0		ug/Kg			08/24/16 18:50	1
1,1,1-Trichloroethane	ND		5.0		ug/Kg			08/24/16 18:50	1
1,1,2-Trichloroethane	ND		5.0		ug/Kg			08/24/16 18:50	1
Trichlorofluoromethane	ND		5.0		ug/Kg			08/24/16 18:50	1
1,2,3-Trichloropropane	ND		5.0		ug/Kg			08/24/16 18:50	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		5.0		ug/Kg			08/24/16 18:50	1
1,2,4-Trimethylbenzene	ND		5.0		ug/Kg			08/24/16 18:50	1
1,3,5-Trimethylbenzene	ND		5.0		ug/Kg			08/24/16 18:50	1
Vinyl acetate	ND		20		ug/Kg			08/24/16 18:50	1
Vinyl chloride	ND		5.0		ug/Kg			08/24/16 18:50	1
Xylenes, Total	ND		10		ug/Kg			08/24/16 18:50	1
2,2-Dichloropropane	ND		5.0		ug/Kg			08/24/16 18:50	1
Trichloroethene	ND		5.0		ug/Kg			08/24/16 18:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	93		45 - 131		08/24/16 18:50	1
1,2-Dichloroethane-d4 (Surr)	99		60 - 140		08/24/16 18:50	1
Toluene-d8 (Surr)	101		58 - 140		08/24/16 18:50	1

Lab Sample ID: LCS 720-208207/4
Matrix: Solid
Analysis Batch: 208207

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Methyl tert-butyl ether	50.0	56.2		ug/Kg		112	70 - 144
Acetone	250	224		ug/Kg		90	30 - 162
Benzene	50.0	56.6		ug/Kg		113	70 - 130
Dichlorobromomethane	50.0	56.7		ug/Kg		113	70 - 140
Bromobenzene	50.0	51.1		ug/Kg		102	70 - 130

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-208207/4

Matrix: Solid

Analysis Batch: 208207

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobromomethane	50.0	56.6		ug/Kg		113	70 - 130
Bromoform	50.0	51.8		ug/Kg		104	59 - 158
Bromomethane	50.0	56.0		ug/Kg		112	59 - 132
2-Butanone (MEK)	250	227		ug/Kg		91	53 - 133
n-Butylbenzene	50.0	54.0		ug/Kg		108	70 - 142
sec-Butylbenzene	50.0	53.7		ug/Kg		107	70 - 136
tert-Butylbenzene	50.0	50.9		ug/Kg		102	70 - 130
Carbon disulfide	50.0	58.1		ug/Kg		116	60 - 140
Carbon tetrachloride	50.0	56.1		ug/Kg		112	70 - 142
Chlorobenzene	50.0	54.0		ug/Kg		108	70 - 130
Chloroethane	50.0	54.6		ug/Kg		109	65 - 130
Chloroform	50.0	55.7		ug/Kg		111	77 - 127
Chloromethane	50.0	55.8		ug/Kg		112	55 - 140
2-Chlorotoluene	50.0	51.4		ug/Kg		103	70 - 138
4-Chlorotoluene	50.0	52.2		ug/Kg		104	70 - 136
Chlorodibromomethane	50.0	53.3		ug/Kg		107	70 - 146
1,2-Dichlorobenzene	50.0	53.5		ug/Kg		107	70 - 130
1,3-Dichlorobenzene	50.0	54.5		ug/Kg		109	70 - 131
1,4-Dichlorobenzene	50.0	55.1		ug/Kg		110	70 - 130
1,3-Dichloropropane	50.0	56.7		ug/Kg		113	70 - 140
1,1-Dichloropropene	50.0	56.2		ug/Kg		112	70 - 130
1,2-Dibromo-3-Chloropropane	50.0	52.0		ug/Kg		104	60 - 145
Ethylene Dibromide	50.0	61.4		ug/Kg		123	70 - 140
Dibromomethane	50.0	57.3		ug/Kg		115	70 - 139
Dichlorodifluoromethane	50.0	63.0		ug/Kg		126	37 - 158
1,1-Dichloroethane	50.0	54.5		ug/Kg		109	70 - 130
1,2-Dichloroethane	50.0	55.1		ug/Kg		110	70 - 130
1,1-Dichloroethene	50.0	55.0		ug/Kg		110	74 - 122
cis-1,2-Dichloroethene	50.0	56.7		ug/Kg		113	70 - 138
trans-1,2-Dichloroethene	50.0	57.1		ug/Kg		114	67 - 130
1,2-Dichloropropane	50.0	57.2		ug/Kg		114	73 - 127
cis-1,3-Dichloropropene	50.0	58.7		ug/Kg		117	68 - 147
trans-1,3-Dichloropropene	50.0	57.7		ug/Kg		115	70 - 155
Ethylbenzene	50.0	54.5		ug/Kg		109	80 - 137
Hexachlorobutadiene	50.0	53.2		ug/Kg		106	70 - 132
2-Hexanone	250	214		ug/Kg		86	44 - 133
Isopropylbenzene	50.0	56.1		ug/Kg		112	70 - 130
4-Isopropyltoluene	50.0	54.3		ug/Kg		109	70 - 133
Methylene Chloride	50.0	55.6		ug/Kg		111	70 - 134
4-Methyl-2-pentanone (MIBK)	250	220		ug/Kg		88	60 - 160
Naphthalene	50.0	54.2		ug/Kg		108	60 - 147
N-Propylbenzene	50.0	51.2		ug/Kg		102	70 - 130
Styrene	50.0	54.6		ug/Kg		109	70 - 130
1,1,1,2-Tetrachloroethane	50.0	52.6		ug/Kg		105	70 - 130
1,1,1,2,2-Tetrachloroethane	50.0	52.8		ug/Kg		106	70 - 146
Tetrachloroethene	50.0	58.6		ug/Kg		117	70 - 132
Toluene	50.0	54.2		ug/Kg		108	75 - 120
1,2,3-Trichlorobenzene	50.0	56.3		ug/Kg		113	60 - 140

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 720-208207/4

Matrix: Solid

Analysis Batch: 208207

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	50.0	54.9		ug/Kg		110	60 - 140
1,1,1-Trichloroethane	50.0	55.5		ug/Kg		111	70 - 130
1,1,2-Trichloroethane	50.0	58.3		ug/Kg		117	70 - 130
Trichlorofluoromethane	50.0	53.8		ug/Kg		108	60 - 140
1,2,3-Trichloropropane	50.0	55.0		ug/Kg		110	70 - 146
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	58.0		ug/Kg		116	60 - 140
1,2,4-Trimethylbenzene	50.0	52.6		ug/Kg		105	70 - 130
1,3,5-Trimethylbenzene	50.0	52.9		ug/Kg		106	70 - 131
Vinyl acetate	50.0	57.5		ug/Kg		115	38 - 176
Vinyl chloride	50.0	55.7		ug/Kg		111	58 - 125
m-Xylene & p-Xylene	50.0	54.1		ug/Kg		108	70 - 146
o-Xylene	50.0	53.9		ug/Kg		108	70 - 140
2,2-Dichloropropane	50.0	56.8		ug/Kg		114	70 - 162
Trichloroethene	50.0	57.6		ug/Kg		115	70 - 133

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	99		45 - 131
1,2-Dichloroethane-d4 (Surr)	98		60 - 140
Toluene-d8 (Surr)	102		58 - 140

Lab Sample ID: LCSD 720-208207/5

Matrix: Solid

Analysis Batch: 208207

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Methyl tert-butyl ether	50.0	58.5		ug/Kg		117	70 - 144	4	20
Acetone	250	226		ug/Kg		90	30 - 162	1	30
Benzene	50.0	57.2		ug/Kg		114	70 - 130	1	20
Dichlorobromomethane	50.0	57.9		ug/Kg		116	70 - 140	2	20
Bromobenzene	50.0	52.6		ug/Kg		105	70 - 130	3	20
Chlorobromomethane	50.0	58.5		ug/Kg		117	70 - 130	3	20
Bromoform	50.0	54.5		ug/Kg		109	59 - 158	5	20
Bromomethane	50.0	57.1		ug/Kg		114	59 - 132	2	20
2-Butanone (MEK)	250	230		ug/Kg		92	53 - 133	2	20
n-Butylbenzene	50.0	54.4		ug/Kg		109	70 - 142	1	20
sec-Butylbenzene	50.0	53.9		ug/Kg		108	70 - 136	0	20
tert-Butylbenzene	50.0	51.9		ug/Kg		104	70 - 130	2	20
Carbon disulfide	50.0	59.1		ug/Kg		118	60 - 140	2	20
Carbon tetrachloride	50.0	56.8		ug/Kg		114	70 - 142	1	20
Chlorobenzene	50.0	54.8		ug/Kg		110	70 - 130	1	20
Chloroethane	50.0	55.5		ug/Kg		111	65 - 130	2	20
Chloroform	50.0	56.8		ug/Kg		114	77 - 127	2	20
Chloromethane	50.0	57.5		ug/Kg		115	55 - 140	3	20
2-Chlorotoluene	50.0	52.4		ug/Kg		105	70 - 138	2	20
4-Chlorotoluene	50.0	53.0		ug/Kg		106	70 - 136	1	20
Chlorodibromomethane	50.0	55.0		ug/Kg		110	70 - 146	3	20
1,2-Dichlorobenzene	50.0	54.5		ug/Kg		109	70 - 130	2	20

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-208207/5

Client Sample ID: Lab Control Sample Dup

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 208207

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,3-Dichlorobenzene	50.0	54.9		ug/Kg		110	70 - 131	1	20
1,4-Dichlorobenzene	50.0	55.1		ug/Kg		110	70 - 130	0	20
1,3-Dichloropropane	50.0	58.0		ug/Kg		116	70 - 140	2	20
1,1-Dichloropropene	50.0	56.7		ug/Kg		113	70 - 130	1	20
1,2-Dibromo-3-Chloropropane	50.0	52.7		ug/Kg		105	60 - 145	1	20
Ethylene Dibromide	50.0	63.3		ug/Kg		127	70 - 140	3	20
Dibromomethane	50.0	58.7		ug/Kg		117	70 - 139	2	20
Dichlorodifluoromethane	50.0	65.1		ug/Kg		130	37 - 158	3	20
1,1-Dichloroethane	50.0	55.9		ug/Kg		112	70 - 130	3	20
1,2-Dichloroethane	50.0	56.8		ug/Kg		114	70 - 130	3	20
1,1-Dichloroethene	50.0	57.3		ug/Kg		115	74 - 122	4	20
cis-1,2-Dichloroethene	50.0	57.7		ug/Kg		115	70 - 138	2	20
trans-1,2-Dichloroethene	50.0	58.0		ug/Kg		116	67 - 130	2	20
1,2-Dichloropropane	50.0	58.2		ug/Kg		116	73 - 127	2	20
cis-1,3-Dichloropropene	50.0	60.3		ug/Kg		121	68 - 147	3	20
trans-1,3-Dichloropropene	50.0	59.2		ug/Kg		118	70 - 155	3	20
Ethylbenzene	50.0	55.0		ug/Kg		110	80 - 137	1	20
Hexachlorobutadiene	50.0	53.5		ug/Kg		107	70 - 132	1	20
2-Hexanone	250	219		ug/Kg		87	44 - 133	2	20
Isopropylbenzene	50.0	56.7		ug/Kg		113	70 - 130	1	20
4-Isopropyltoluene	50.0	54.8		ug/Kg		110	70 - 133	1	20
Methylene Chloride	50.0	57.7		ug/Kg		115	70 - 134	4	20
4-Methyl-2-pentanone (MIBK)	250	225		ug/Kg		90	60 - 160	2	20
Naphthalene	50.0	55.2		ug/Kg		110	60 - 147	2	20
N-Propylbenzene	50.0	52.2		ug/Kg		104	70 - 130	2	20
Styrene	50.0	55.7		ug/Kg		111	70 - 130	2	20
1,1,1,2-Tetrachloroethane	50.0	53.9		ug/Kg		108	70 - 130	2	20
1,1,1,2,2-Tetrachloroethane	50.0	54.0		ug/Kg		108	70 - 146	2	20
Tetrachloroethene	50.0	59.5		ug/Kg		119	70 - 132	2	20
Toluene	50.0	55.0		ug/Kg		110	75 - 120	1	20
1,2,3-Trichlorobenzene	50.0	56.7		ug/Kg		113	60 - 140	1	20
1,2,4-Trichlorobenzene	50.0	55.3		ug/Kg		111	60 - 140	1	20
1,1,1-Trichloroethane	50.0	56.0		ug/Kg		112	70 - 130	1	20
1,1,2-Trichloroethane	50.0	59.4		ug/Kg		119	70 - 130	2	20
Trichlorofluoromethane	50.0	54.8		ug/Kg		110	60 - 140	2	20
1,2,3-Trichloropropane	50.0	56.4		ug/Kg		113	70 - 146	2	20
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	60.2		ug/Kg		120	60 - 140	4	20
1,2,4-Trimethylbenzene	50.0	53.4		ug/Kg		107	70 - 130	1	20
1,3,5-Trimethylbenzene	50.0	53.7		ug/Kg		107	70 - 131	1	20
Vinyl acetate	50.0	59.0		ug/Kg		118	38 - 176	3	20
Vinyl chloride	50.0	57.2		ug/Kg		114	58 - 125	3	20
m-Xylene & p-Xylene	50.0	54.9		ug/Kg		110	70 - 146	1	20
o-Xylene	50.0	54.7		ug/Kg		109	70 - 140	1	20
2,2-Dichloropropane	50.0	56.4		ug/Kg		113	70 - 162	1	20
Trichloroethene	50.0	58.2		ug/Kg		116	70 - 133	1	20

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 720-208207/5

Matrix: Solid

Analysis Batch: 208207

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	101		45 - 131
1,2-Dichloroethane-d4 (Surr)	101		60 - 140
Toluene-d8 (Surr)	103		58 - 140

Lab Sample ID: MB 720-208224/4

Matrix: Solid

Analysis Batch: 208224

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Tetrachloroethene	ND		5.0		ug/Kg			08/25/16 08:35	1
Trichloroethene	ND		5.0		ug/Kg			08/25/16 08:35	1

Surrogate	MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene	103		45 - 131		08/25/16 08:35	1
1,2-Dichloroethane-d4 (Surr)	98		60 - 140		08/25/16 08:35	1
Toluene-d8 (Surr)	103		58 - 140		08/25/16 08:35	1

Lab Sample ID: LCS 720-208224/5

Matrix: Solid

Analysis Batch: 208224

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Trichloroethene	50.0	49.6		ug/Kg		99	70 - 133

Surrogate	LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	102		45 - 131
1,2-Dichloroethane-d4 (Surr)	96		60 - 140
Toluene-d8 (Surr)	104		58 - 140

Lab Sample ID: LCSD 720-208224/6

Matrix: Solid

Analysis Batch: 208224

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Trichloroethene	50.0	49.3		ug/Kg		99	70 - 133	1	20

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene	104		45 - 131
1,2-Dichloroethane-d4 (Surr)	98		60 - 140
Toluene-d8 (Surr)	104		58 - 140

TestAmerica Pleasanton

QC Sample Results

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Method: 8260B - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 720-208293/4

Matrix: Solid

Analysis Batch: 208293

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		500		ug/Kg			08/26/16 08:41	100
Trichloroethene	ND		500		ug/Kg			08/26/16 08:41	100

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene	103		66 - 148		08/26/16 08:41	100
1,2-Dichloroethane-d4 (Surr)	94		62 - 137		08/26/16 08:41	100
Toluene-d8 (Surr)	103		65 - 141		08/26/16 08:41	100

Lab Sample ID: LCS 720-208293/5

Matrix: Solid

Analysis Batch: 208293

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Tetrachloroethene	5000	4990		ug/Kg		100	79 - 130
Trichloroethene	5000	4980		ug/Kg		100	69 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	104		66 - 148
1,2-Dichloroethane-d4 (Surr)	91		62 - 137
Toluene-d8 (Surr)	103		65 - 141

Lab Sample ID: LCSD 720-208293/6

Matrix: Solid

Analysis Batch: 208293

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Tetrachloroethene	5000	4780		ug/Kg		96	79 - 130	4	20
Trichloroethene	5000	4800		ug/Kg		96	69 - 129	4	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene	101		66 - 148
1,2-Dichloroethane-d4 (Surr)	94		62 - 137
Toluene-d8 (Surr)	103		65 - 141

TestAmerica Pleasanton

QC Association Summary

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

GC/MS VOA

Prep Batch: 208140

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-74113-1	WSW1,2.0 ft	Total/NA	Solid	5030B	
720-74113-2	WSW1,4.0 ft	Total/NA	Solid	5030B	
720-74113-3	WSW2,2.0 ft	Total/NA	Solid	5030B	
720-74113-4	WSW2,4.0 ft	Total/NA	Solid	5030B	
720-74113-5	CL1, 2.0 ft	Total/NA	Solid	5030B	
720-74113-6	LAT 1 ft	Total/NA	Solid	5030B	
720-74113-7	LAT 4 ft	Total/NA	Solid	5030B	
720-74113-8	WSW1, 1.0 ft	Total/NA	Solid	5030B	
720-74113-9	NSW4, 2.0 ft	Total/NA	Solid	5030B	
720-74113-10	NSW4, 3.0 ft	Total/NA	Solid	5030B	
720-74113-11	NSW1, 5.0 ft	Total/NA	Solid	5030B	
720-74113-12	B-1, 5.0 ft	Total/NA	Solid	5030B	
720-74113-13	NSW3, 5.0 ft	Total/NA	Solid	5030B	
720-74113-14	BS2, 5.0 ft	Total/NA	Solid	5030B	
720-74113-15	C2, 4.0 ft	Total/NA	Solid	5030B	
720-74113-16	BS3, 4.0 ft	Total/NA	Solid	5030B	
720-74113-17	BS4, 4.0 ft	Total/NA	Solid	5030B	
720-74113-1 MS	WSW1,2.0 ft	Total/NA	Solid	5030B	
720-74113-1 MSD	WSW1,2.0 ft	Total/NA	Solid	5030B	

Analysis Batch: 208207

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-74113-1	WSW1,2.0 ft	Total/NA	Solid	8260B	208140
720-74113-2	WSW1,4.0 ft	Total/NA	Solid	8260B	208140
720-74113-3	WSW2,2.0 ft	Total/NA	Solid	8260B	208140
720-74113-4	WSW2,4.0 ft	Total/NA	Solid	8260B	208140
720-74113-5	CL1, 2.0 ft	Total/NA	Solid	8260B	208140
720-74113-6	LAT 1 ft	Total/NA	Solid	8260B	208140
720-74113-7	LAT 4 ft	Total/NA	Solid	8260B	208140
720-74113-8	WSW1, 1.0 ft	Total/NA	Solid	8260B	208140
720-74113-9	NSW4, 2.0 ft	Total/NA	Solid	8260B	208140
720-74113-10	NSW4, 3.0 ft	Total/NA	Solid	8260B	208140
720-74113-11	NSW1, 5.0 ft	Total/NA	Solid	8260B	208140
720-74113-12	B-1, 5.0 ft	Total/NA	Solid	8260B	208140
720-74113-13	NSW3, 5.0 ft	Total/NA	Solid	8260B	208140
720-74113-14	BS2, 5.0 ft	Total/NA	Solid	8260B	208140
720-74113-15	C2, 4.0 ft	Total/NA	Solid	8260B	208140
720-74113-16	BS3, 4.0 ft	Total/NA	Solid	8260B	208140
720-74113-17	BS4, 4.0 ft	Total/NA	Solid	8260B	208140
MB 720-208207/3	Method Blank	Total/NA	Solid	8260B	
LCS 720-208207/4	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 720-208207/5	Lab Control Sample Dup	Total/NA	Solid	8260B	
720-74113-1 MS	WSW1,2.0 ft	Total/NA	Solid	8260B	208140
720-74113-1 MSD	WSW1,2.0 ft	Total/NA	Solid	8260B	208140

Analysis Batch: 208224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-74113-6	LAT 1 ft	Total/NA	Solid	8260B	208233
720-74113-7	LAT 4 ft	Total/NA	Solid	8260B	208233
720-74113-8	WSW1, 1.0 ft	Total/NA	Solid	8260B	208233
MB 720-208224/4	Method Blank	Total/NA	Solid	8260B	

TestAmerica Pleasanton

QC Association Summary

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

GC/MS VOA (Continued)

Analysis Batch: 208224 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 720-208224/5	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 720-208224/6	Lab Control Sample Dup	Total/NA	Solid	8260B	

Prep Batch: 208233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-74113-6	LAT 1 ft	Total/NA	Solid	5030B	
720-74113-7	LAT 4 ft	Total/NA	Solid	5030B	
720-74113-8	WSW1, 1.0 ft	Total/NA	Solid	5030B	

Prep Batch: 208234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-74113-5	CL1, 2.0 ft	Total/NA	Solid	5030B	
720-74113-9	NSW4, 2.0 ft	Total/NA	Solid	5030B	
720-74113-10	NSW4, 3.0 ft	Total/NA	Solid	5030B	

Analysis Batch: 208293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
720-74113-5	CL1, 2.0 ft	Total/NA	Solid	8260B	208234
720-74113-9	NSW4, 2.0 ft	Total/NA	Solid	8260B	208234
720-74113-10	NSW4, 3.0 ft	Total/NA	Solid	8260B	208234
MB 720-208293/4	Method Blank	Total/NA	Solid	8260B	
LCS 720-208293/5	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 720-208293/6	Lab Control Sample Dup	Total/NA	Solid	8260B	

Lab Chronicle

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: WSW1,2.0 ft

Date Collected: 08/24/16 09:55

Date Received: 08/24/16 13:50

Lab Sample ID: 720-74113-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208140	08/24/16 17:22	LPL	TAL PLS
Total/NA	Analysis	8260B		1	208207	08/24/16 21:15	LPL	TAL PLS

Client Sample ID: WSW1,4.0 ft

Date Collected: 08/24/16 10:00

Date Received: 08/24/16 13:50

Lab Sample ID: 720-74113-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208140	08/24/16 17:22	LPL	TAL PLS
Total/NA	Analysis	8260B		1	208207	08/24/16 21:44	LPL	TAL PLS

Client Sample ID: WSW2,2.0 ft

Date Collected: 08/24/16 10:30

Date Received: 08/24/16 13:50

Lab Sample ID: 720-74113-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208140	08/24/16 17:22	LPL	TAL PLS
Total/NA	Analysis	8260B		1	208207	08/24/16 22:13	LPL	TAL PLS

Client Sample ID: WSW2,4.0 ft

Date Collected: 08/24/16 10:50

Date Received: 08/24/16 13:50

Lab Sample ID: 720-74113-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208140	08/24/16 17:22	LPL	TAL PLS
Total/NA	Analysis	8260B		1	208207	08/24/16 22:42	LPL	TAL PLS

Client Sample ID: CL1, 2.0 ft

Date Collected: 08/24/16 09:45

Date Received: 08/24/16 13:50

Lab Sample ID: 720-74113-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208140	08/24/16 17:22	LPL	TAL PLS
Total/NA	Analysis	8260B		1	208207	08/24/16 23:11	LPL	TAL PLS
Total/NA	Prep	5030B			208234	08/25/16 09:26	JRM	TAL PLS
Total/NA	Analysis	8260B		500	208293	08/26/16 13:13	LPL	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: LAT 1 ft

Date Collected: 08/24/16 09:40

Date Received: 08/24/16 13:50

Lab Sample ID: 720-74113-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208140	08/24/16 17:22	LPL	TAL PLS
Total/NA	Analysis	8260B		1	208207	08/24/16 23:40	LPL	TAL PLS
Total/NA	Prep	5030B			208233	08/25/16 14:45	JRM	TAL PLS
Total/NA	Analysis	8260B		1	208224	08/25/16 15:10	LPL	TAL PLS

Client Sample ID: LAT 4 ft

Date Collected: 08/24/16 09:50

Date Received: 08/24/16 13:50

Lab Sample ID: 720-74113-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208140	08/24/16 17:22	LPL	TAL PLS
Total/NA	Analysis	8260B		1	208207	08/25/16 00:09	LPL	TAL PLS
Total/NA	Prep	5030B			208233	08/25/16 09:15	JRM	TAL PLS
Total/NA	Analysis	8260B		1	208224	08/25/16 11:37	LPL	TAL PLS

Client Sample ID: WSW1, 1.0 ft

Date Collected: 08/24/16 10:00

Date Received: 08/24/16 13:50

Lab Sample ID: 720-74113-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208140	08/24/16 17:22	LPL	TAL PLS
Total/NA	Analysis	8260B		1	208207	08/25/16 00:38	LPL	TAL PLS
Total/NA	Prep	5030B			208233	08/25/16 09:15	JRM	TAL PLS
Total/NA	Analysis	8260B		1	208224	08/25/16 11:06	LPL	TAL PLS

Client Sample ID: NSW4, 2.0 ft

Date Collected: 08/24/16 10:25

Date Received: 08/24/16 13:50

Lab Sample ID: 720-74113-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208140	08/24/16 17:22	LPL	TAL PLS
Total/NA	Analysis	8260B		1	208207	08/25/16 01:07	LPL	TAL PLS
Total/NA	Prep	5030B			208234	08/25/16 09:26	JRM	TAL PLS
Total/NA	Analysis	8260B		100	208293	08/26/16 12:13	LPL	TAL PLS

Client Sample ID: NSW4, 3.0 ft

Date Collected: 08/24/16 10:30

Date Received: 08/24/16 13:50

Lab Sample ID: 720-74113-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208140	08/24/16 17:22	LPL	TAL PLS
Total/NA	Analysis	8260B		1	208207	08/25/16 01:36	LPL	TAL PLS
Total/NA	Prep	5030B			208234	08/25/16 09:26	JRM	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: NSW4, 3.0 ft

Lab Sample ID: 720-74113-10

Date Collected: 08/24/16 10:30

Matrix: Solid

Date Received: 08/24/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260B		100	208293	08/26/16 12:42	LPL	TAL PLS

Client Sample ID: NSW1, 5.0 ft

Lab Sample ID: 720-74113-11

Date Collected: 08/24/16 11:10

Matrix: Solid

Date Received: 08/24/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208140	08/24/16 17:22	LPL	TAL PLS
Total/NA	Analysis	8260B		1	208207	08/25/16 02:05	LPL	TAL PLS

Client Sample ID: B-1, 5.0 ft

Lab Sample ID: 720-74113-12

Date Collected: 08/24/16 11:00

Matrix: Solid

Date Received: 08/24/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208140	08/24/16 17:22	LPL	TAL PLS
Total/NA	Analysis	8260B		1	208207	08/25/16 02:34	LPL	TAL PLS

Client Sample ID: NSW3, 5.0 ft

Lab Sample ID: 720-74113-13

Date Collected: 08/24/16 12:45

Matrix: Solid

Date Received: 08/24/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208140	08/24/16 17:22	LPL	TAL PLS
Total/NA	Analysis	8260B		1	208207	08/25/16 03:03	LPL	TAL PLS

Client Sample ID: BS2, 5.0 ft

Lab Sample ID: 720-74113-14

Date Collected: 08/24/16 12:47

Matrix: Solid

Date Received: 08/24/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208140	08/24/16 17:22	LPL	TAL PLS
Total/NA	Analysis	8260B		1	208207	08/25/16 03:32	LPL	TAL PLS

Client Sample ID: C2, 4.0 ft

Lab Sample ID: 720-74113-15

Date Collected: 08/24/16 12:30

Matrix: Solid

Date Received: 08/24/16 13:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208140	08/24/16 17:22	LPL	TAL PLS
Total/NA	Analysis	8260B		1	208207	08/25/16 04:00	LPL	TAL PLS

TestAmerica Pleasanton

Lab Chronicle

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Client Sample ID: BS3, 4.0 ft

Date Collected: 08/24/16 09:15

Date Received: 08/24/16 13:50

Lab Sample ID: 720-74113-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208140	08/24/16 20:35	LPL	TAL PLS
Total/NA	Analysis	8260B		1	208207	08/25/16 04:29	LPL	TAL PLS

Client Sample ID: BS4, 4.0 ft

Date Collected: 08/24/16 09:15

Date Received: 08/24/16 13:50

Lab Sample ID: 720-74113-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			208140	08/24/16 20:35	LPL	TAL PLS
Total/NA	Analysis	8260B		1	208207	08/25/16 04:58	LPL	TAL PLS

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

Certification Summary

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Laboratory: TestAmerica Pleasanton

All certifications held by this laboratory are listed. Not all certifications are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
California	State Program	9	2496	01-31-18

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Method Summary

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	TAL PLS

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL PLS = TestAmerica Pleasanton, 1220 Quarry Lane, Pleasanton, CA 94566, TEL (925)484-1919

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
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- 14
- 15

Sample Summary

Client: ATC Group Services LLC.
Project/Site: 580 Market Place

TestAmerica Job ID: 720-74113-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
720-74113-1	WSW1,2.0 ft	Solid	08/24/16 09:55	08/24/16 13:50
720-74113-2	WSW1,4.0 ft	Solid	08/24/16 10:00	08/24/16 13:50
720-74113-3	WSW2,2.0 ft	Solid	08/24/16 10:30	08/24/16 13:50
720-74113-4	WSW2,4.0 ft	Solid	08/24/16 10:50	08/24/16 13:50
720-74113-5	CL1, 2.0 ft	Solid	08/24/16 09:45	08/24/16 13:50
720-74113-6	LAT 1 ft	Solid	08/24/16 09:40	08/24/16 13:50
720-74113-7	LAT 4 ft	Solid	08/24/16 09:50	08/24/16 13:50
720-74113-8	WSW1, 1.0 ft	Solid	08/24/16 10:00	08/24/16 13:50
720-74113-9	NSW4, 2.0 ft	Solid	08/24/16 10:25	08/24/16 13:50
720-74113-10	NSW4, 3.0 ft	Solid	08/24/16 10:30	08/24/16 13:50
720-74113-11	NSW1, 5.0 ft	Solid	08/24/16 11:10	08/24/16 13:50
720-74113-12	B-1, 5.0 ft	Solid	08/24/16 11:00	08/24/16 13:50
720-74113-13	NSW3, 5.0 ft	Solid	08/24/16 12:45	08/24/16 13:50
720-74113-14	BS2, 5.0 ft	Solid	08/24/16 12:47	08/24/16 13:50
720-74113-15	C2, 4.0 ft	Solid	08/24/16 12:30	08/24/16 13:50
720-74113-16	BS3, 4.0 ft	Solid	08/24/16 09:15	08/24/16 13:50
720-74113-17	BS4, 4.0 ft	Solid	08/24/16 09:15	08/24/16 13:50

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ATC Project No: 1191600012

TESTAMERICA Pleasanton Chain of Custody
 1220 Quarry Lane • Pleasanton CA 94566-4756
 Phone: (925) 609-3000

720-74113

Reference #: _____
 Date: 8/24/16 Page 1 of 2

Report To

Client: Kim Thai
 Company: ATC Group Services

Address: 2400 Gamma Ramon, #2360, San Ramon, CA 94583

Email: Kim.Thai@atcassociates.com

Bill To: _____
 Sampled By: KT

Phone: 925-804-2864

Alt#: _____

Sample ID	Date	Time	Mat	Preserv	Notes
WSW1, 2.0FT	8/24/16	09:57	SO	NONE	X
WSW1, 4.0FT	8/24/16	10:00			
WSW2, 2.0FT	8/24/16	10:30			
WSW2, 4.0FT	8/24/16	10:50			
QL1 2.0FT	"	09:45			
LAT 1 FT	"	09:40			
LAT 4 FT	"	09:50			
WSW1 2.0FT	"	09:55			
WSW1 4.0FT	"	10:00			
WSW1 1.0FT	"	10:00			

RUSH

RUSH

Project Info

Project Name: 1191600012

580 Market Place, Castro Valley

Head Space: _____

Temp: 88°

PO#: _____

Credit Card Y/N: _____

If yes, please call with payment information ASAP

Report: Routine Level 3 Level 4 EDD EDF

Special Instructions / Comments: Global ID _____

See Terms and Conditions on reverse

Sample Receipt

of Containers: _____

Signature: _____
 Kim Thai
 ATC
 Date: 8-24-16

Signature: _____
 Date: 1350

Signature: _____
 Date: 8-24-16

Signature: _____
 Date: 8-24-16

Signature: _____
 Date: 8-24-16

Signature: _____
 Date: 8-24-16

Signature: _____
 Date: 8-24-16

Signature: _____
 Date: 8-24-16

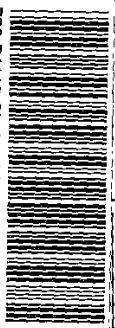
Signature: _____
 Date: 8-24-16

Signature: _____
 Date: 8-24-16

Signature: _____
 Date: 8-24-16

Analysis Request

Volatile Organics GC/MS (VOCs)
 EPA 8260B
 HVOCS by EPA 8260B
 EPA 8260B: Gas BTEX
 5 Oxygenates DCA, EDB Ethanol
 TEPH EPA 8015B Silica Gel
 Diesel Motor Oil Other _____
 SemiVolatile Organics GC/MS
 EPA 8270C
 PNA/PAH's by 8270C
 8270C SIM
 Oil and Grease Petroleum
 (EPA 1664/9071) Total
 Pesticides EPA 8081
 PCBs EPA 8082
 CAM17 Metals
 (EPA 6010/7470/7471)
 Metals: 6010B 200.7
 Lead LUFT RCR Other: _____
 Metals: 6020 200.8
 (ICP-MS): _____
 W.E.T (STLC)
 W.E.T (DI) TCLP
 Hex. Chrom by EPA 7196
 or EPA 7199
 pH 9040
 SM4500
 Spec. Cond. Alkalinity
 TSS SS TDS
 Anions: Cl SO₄ NO₃ F
 Br NO₂ PO₄
 Perchlorate by EPA 314.0
 COD EPA 410.4 SM5220D
 Turbidity



720-74113 Chain of Custody

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ATC Project No. 191600012

Report To

TESTAMERICA Pleasanton Chain of Custody
 1220 Quarry Lane • Pleasanton CA 94566-4756
 Phone: (925) 791-1919 Fax: (925) 600-3092

Analysis Request

Reference #: 170602
 Date 8-24-16 Page 2 of 2

8/26/2016

Attn: Kim Thai
 Company: ATC Group Services
 Address: 2000 Camino Ramon, Ste 360 San Ramon, CA
 Email: Kim.Thai@atcassessments.com
 Bill To:
 Sampled By: KFT
 Phone: 925-804-2864

Sample ID	Date	Time	Met	Preserv	Notes
NSW4, 2.0 FT	08/24/16	10:25	80	None	X
NSW4, 3.0 FT	"	10:30	"	"	X
NSW1, 5.0 FT	"	11:10	"	"	X
B-1, 5.0 FT	"	11:00	"	"	X
NSW3, 5.0 FT	"	12:45	"	"	X
BS2, 5.0 FT	"	12:47	"	"	X
CA, 4.0 FT	"	12:30	"	"	X

PUSH

PUSH

Project Info

Project Name/ #: 191600012
 # of Containers: 2
 Head Space:
 PO#: Castro Valley
 Temp: 8.8°C

Sample Receipt

Credit Card Y/N:
 If yes, please call with payment information ASAP

Report: Routine Level 3 Level 4 EDD EDF
 Special Instructions / Comments: Global ID

See Terms and Conditions on reverse

<p>1) Relinquished by: Signature: <i>[Signature]</i> Printed Name: Kim Thai Date: 8-24-16 Company: ATC</p>	<p>2) Relinquished by: Signature: Printed Name: Date: Company:</p>	<p>3) Relinquished by: Signature: Printed Name: Date: Company:</p>
<p>1) Received by: Signature: <i>[Signature]</i> Printed Name: Muller Date: 8-24-16 Company:</p>	<p>2) Received by: Signature: Printed Name: Date: Company:</p>	<p>3) Received by: Signature: Printed Name: Date: Company:</p>

Caparas, Criselda**720-74113-rev**

From: Sharma, Dimple
Sent: Wednesday, August 24, 2016 4:53 PM
To: Mullen, Joan
Cc: Caparas, Criselda
Subject: FW: TestAmerica Sample Login Confirmation files from 720-74113 580 Market Place

For the upcoming Labor Day holiday (observed Monday, September 5th) FedEx and UPS will not have scheduled service on Monday September 5th.

If you have BODs sampled August 29th, 30th or 31st, or short hold samples arriving Friday, September 2nd or on the weekend, we ask that you contact your Project Manager in advance to ensure your samples meet all holding time criteria.

We are thankful for your business and hope that you have a wonderful and safe holiday!

Dimple Sharma
Senior Project Manager

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

1220 Quarry Lane
Pleasanton, Ca 94566
Tel 925-484-1919
Fax 925-600-3002
www.testamericainc.com



720-74113 Chain of Custody

From: Kim Thai [mailto:Kim.Thai@atcassociates.com]
Sent: Wednesday, August 24, 2016 4:53 PM
To: Sharma, Dimple; gabe stivala
Subject: RE: TestAmerica Sample Login Confirmation files from 720-74113 580 Market Place

Yes, please include BS3, 4.0 ft and BS4, 4.0 ft in the analysis for 8260B.

Thanks,

Kim Thai | STAFF SCIENTIST | **ATC Group Services LLC**
+1 925 804 2864 | +1 408 396 1255 mobile

2400 Camino Ramon, Suite 360 | San Ramon, CA 94583
+1 925 328 1090 fax | kim.thai@atcassociates.com | www.atcgroupservices.com

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From: Sharma, Dimple [mailto:dimple.sharma@testamericainc.com]
Sent: Wednesday, August 24, 2016 4:01 PM

8/24/2016

Page 64 of 66

8/26/2016



To: gabe stivala; Kim Thai

Subject: TestAmerica Sample Login Confirmation files from 720-74113 580 Market Place

Hello,

Attached, please find the Sample Confirmation files for job 720-74113; 580 Market Place. Received 2 samples not listed on the coc. BS3, 4.0 ft and BS4, 4.0 ft. Logged on hold.

Please feel free to contact me if you have any questions.

Thank you.

Please let us know if we met your expectations by rating the service you received from TestAmerica on this project by visiting our website at: [Project Feedback](#)

DIMPLE SHARMA
Senior Project Manager

TestAmerica Pleasanton
THE LEADER IN ENVIRONMENTAL TESTING

Tel: 925.484.1919
www.testamericainc.com

Reference: [224036]
Attachments 3

Login Sample Receipt Checklist

Client: ATC Group Services LLC.

Job Number: 720-74113-1

Login Number: 74113

List Source: TestAmerica Pleasanton

List Number: 1

Creator: Mullen, Joan

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	False	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <math><6\text{mm}</math> (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



Technical Report for

ATC Group Services LLC

580 Market Place, 3735 E Castro Valley Blvd

1191600012

SGS Accutest Job Number: C46907

Sampling Date: 08/22/16



Report to:

**ATC Group Services LLC
2400 Camino Ramon, Suite 360
San Ramon, CA 94583
kim.thai@atcassociates.com; gabe.stivala@atcassociates.com
ATTN: Kim Thai**

Total number of pages in report: 32



Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Program and/or state specific certification programs as applicable.

**James J. Rhudy
Lab Director**

Client Service contact: Nutan Kabir 408-588-0200

Certifications: CA (ELAP 2910) AK (UST-092) AZ (AZ0762) NV (CA00150) OR (CA300006) WA (C925)
DoD ELAP (L-A-B L2242)

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Test results relate only to samples analyzed.

Table of Contents

-1-

Section 1: Sample Summary	3
Section 2: Summary of Hits	4
Section 3: Sample Results	5
3.1: C46907-1: BF-1	6
Section 4: Misc. Forms	11
4.1: Chain of Custody	12
Section 5: GC/MS Volatiles - QC Data Summaries	13
5.1: Method Blank Summary	14
5.2: Blank Spike Summary	17
Section 6: GC Semi-volatiles - QC Data Summaries	20
6.1: Method Blank Summary	21
6.2: Blank Spike/Blank Spike Duplicate Summary	22
Section 7: Metals Analysis - QC Data Summaries	23
7.1: Prep QC MP11721: Sb,As,Ba,Be,Cd,Cr,Co,Cu,Pb,Mo,Ni,Se,Ag,Tl,V,Zn	24
7.2: Prep QC MP11724: Hg	29

1

2

3

4

5

6

7



Sample Summary

ATC Group Services LLC

Job No: C46907

580 Market Place, 3735 E Castro Valley Blvd
Project No: 1191600012

Sample Number	Collected		Matrix			Client Sample ID
	Date	Time By	Received	Code	Type	
C46907-1	08/22/16	12:40	08/22/16	SO	Soil	BF-1

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Summary of Hits

Job Number: C46907
Account: ATC Group Services LLC
Project: 580 Market Place, 3735 E Castro Valley Blvd
Collected: 08/22/16

2

Lab Sample ID	Client Sample ID	Result/ Qual	RL	MDL	Units	Method
---------------	------------------	-----------------	----	-----	-------	--------

C46907-1 **BF-1**

TPH (C10-C28)	1.86 JB	3.3	1.5	mg/kg	SW846 8015B M
TPH (> C28-C40)	1.42 JB	3.3	1.3	mg/kg	SW846 8015B M
Barium	49.1	17		mg/kg	SW846 6010B
Chromium	41.9	0.86		mg/kg	SW846 6010B
Cobalt	11.2	0.86		mg/kg	SW846 6010B
Copper	20.8	2.2		mg/kg	SW846 6010B
Lead	2.5	1.7		mg/kg	SW846 6010B
Nickel	67.0	0.86		mg/kg	SW846 6010B
Vanadium	19.3	0.86		mg/kg	SW846 6010B
Zinc	33.9	1.7		mg/kg	SW846 6010B

Sample Results

Report of Analysis

Report of Analysis

Client Sample ID: BF-1		Date Sampled: 08/22/16
Lab Sample ID: C46907-1		Date Received: 08/22/16
Matrix: SO - Soil		Percent Solids: n/a ^a
Method: SW846 8260B		
Project: 580 Market Place, 3735 E Castro Valley Blvd		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L50515.D	1	08/24/16	JT	n/a	n/a	VL1517
Run #2							

Run #	Initial Weight
Run #1	5.01 g
Run #2	

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone ^b	ND	40	10	ug/kg	
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.50	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.50	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	0.50	ug/kg	
75-25-2	Bromoform	ND	5.0	0.50	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	0.50	ug/kg	
75-00-3	Chloroethane	ND	5.0	1.0	ug/kg	
67-66-3	Chloroform	ND	5.0	0.50	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	0.50	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	0.50	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	0.50	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	0.50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	0.50	ug/kg	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	0.50	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	0.50	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	0.50	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	0.50	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	0.50	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	0.50	ug/kg	

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BF-1	Date Sampled:	08/22/16
Lab Sample ID:	C46907-1	Date Received:	08/22/16
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8260B		
Project:	580 Market Place, 3735 E Castro Valley Blvd		

VOA 8260 List

CAS No.	Compound	Result	RL	MDL	Units	Q
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	0.50	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	5.0	0.50	ug/kg	
591-78-6	2-Hexanone	ND	20	2.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	1.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	0.50	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	20	2.0	ug/kg	
74-83-9	Methyl bromide	ND	5.0	1.0	ug/kg	
74-87-3	Methyl chloride	ND	5.0	1.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.50	ug/kg	
75-09-2	Methylene chloride	ND	20	5.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	20	2.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/kg	
100-42-5	Styrene	ND	5.0	0.50	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	40	10	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.50	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	0.50	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	0.50	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.0	ug/kg	
127-18-4	Tetrachloroethylene ^b	ND	5.0	0.60	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	0.50	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	1.0	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	105%		72-140%
2037-26-5	Toluene-D8	92%		87-113%

ND = Not detected MDL = Method Detection Limit

RL = Reporting Limit

E = Indicates value exceeds calibration range

J = Indicates an estimated value

B = Indicates analyte found in associated method blank

N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BF-1		Date Sampled: 08/22/16
Lab Sample ID: C46907-1		Date Received: 08/22/16
Matrix: SO - Soil		Percent Solids: n/a ^a
Method: SW846 8260B		
Project: 580 Market Place, 3735 E Castro Valley Blvd		

VOA 8260 List

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
460-00-4	4-Bromofluorobenzene	101%		81-115%

- (a) All results reported on a wet weight basis.
- (b) Associated ICV recovery outside of control limits (biased high); not detected in sample.

ND = Not detected MDL = Method Detection Limit J = Indicates an estimated value
 RL = Reporting Limit B = Indicates analyte found in associated method blank
 E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID:	BF-1	Date Sampled:	08/22/16
Lab Sample ID:	C46907-1	Date Received:	08/22/16
Matrix:	SO - Soil	Percent Solids:	n/a ^a
Method:	SW846 8015B M SW846 3550B		
Project:	580 Market Place, 3735 E Castro Valley Blvd		

Run #	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	BB6193.D	1	08/22/16	MT	08/22/16	OP14731	GBB199
Run #2							

Run #	Initial Weight	Final Volume
Run #1	30.2 g	1.0 ml
Run #2		

TPH Extractable

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28)	1.86	3.3	1.5	mg/kg	JB
	TPH (> C28-C40)	1.42	3.3	1.3	mg/kg	JB

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
630-01-3	Hexacosane	111%		38-146%

(a) All results reported on a wet weight basis.

ND = Not detected MDL = Method Detection Limit
 RL = Reporting Limit
 E = Indicates value exceeds calibration range

J = Indicates an estimated value
 B = Indicates analyte found in associated method blank
 N = Indicates presumptive evidence of a compound

Report of Analysis

Client Sample ID: BF-1	Date Sampled: 08/22/16
Lab Sample ID: C46907-1	Date Received: 08/22/16
Matrix: SO - Soil	Percent Solids: n/a ^a
Project: 580 Market Place, 3735 E Castro Valley Blvd	

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed By	Method	Prep Method
Antimony	< 1.7	1.7	mg/kg	1	08/23/16	08/23/16 RS	SW846 6010B ¹	SW846 3050B ³
Arsenic	< 1.7	1.7	mg/kg	1	08/23/16	08/23/16 RS	SW846 6010B ¹	SW846 3050B ³
Barium	49.1	17	mg/kg	1	08/23/16	08/23/16 RS	SW846 6010B ¹	SW846 3050B ³
Beryllium	< 0.86	0.86	mg/kg	1	08/23/16	08/23/16 RS	SW846 6010B ¹	SW846 3050B ³
Cadmium	< 0.86	0.86	mg/kg	1	08/23/16	08/23/16 RS	SW846 6010B ¹	SW846 3050B ³
Chromium	41.9	0.86	mg/kg	1	08/23/16	08/23/16 RS	SW846 6010B ¹	SW846 3050B ³
Cobalt	11.2	0.86	mg/kg	1	08/23/16	08/23/16 RS	SW846 6010B ¹	SW846 3050B ³
Copper	20.8	2.2	mg/kg	1	08/23/16	08/23/16 RS	SW846 6010B ¹	SW846 3050B ³
Lead	2.5	1.7	mg/kg	1	08/23/16	08/23/16 RS	SW846 6010B ¹	SW846 3050B ³
Mercury	< 0.014	0.014	mg/kg	1	08/23/16	08/23/16 EB	SW846 7471A ²	SW846 7471A ⁴
Molybdenum	< 1.7	1.7	mg/kg	1	08/23/16	08/23/16 RS	SW846 6010B ¹	SW846 3050B ³
Nickel	67.0	0.86	mg/kg	1	08/23/16	08/23/16 RS	SW846 6010B ¹	SW846 3050B ³
Selenium	< 1.7	1.7	mg/kg	1	08/23/16	08/23/16 RS	SW846 6010B ¹	SW846 3050B ³
Silver	< 0.86	0.86	mg/kg	1	08/23/16	08/23/16 RS	SW846 6010B ¹	SW846 3050B ³
Thallium	< 1.7	1.7	mg/kg	1	08/23/16	08/23/16 RS	SW846 6010B ¹	SW846 3050B ³
Vanadium	19.3	0.86	mg/kg	1	08/23/16	08/23/16 RS	SW846 6010B ¹	SW846 3050B ³
Zinc	33.9	1.7	mg/kg	1	08/23/16	08/23/16 RS	SW846 6010B ¹	SW846 3050B ³

(1) Instrument QC Batch: MA6070

(2) Instrument QC Batch: MA6072

(3) Prep QC Batch: MP11721

(4) Prep QC Batch: MP11724

(a) All results reported on a wet weight basis.

RL = Reporting Limit

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Chain of Custody



ACCUTEST

CHAIN OF CUSTODY

2105 Lundy Ave, San Jose, CA 95131
(408) 588-0200 FAX: (408) 588-0201

Form containing tracking information, client details, project information, analysis requested, matrix codes, and a chain of custody table with columns for date, time, received by, and relinquished by.

Handwritten notes: CAM 17 metals, 8260 full VOCs & naphthalene, 8015M TPH & TPH0

1 DAY

4.1 4

C46907: Chain of Custody

Page 1 of 1

GC/MS Volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C46907
Account: ATCCASR ATC Group Services LLC
Project: 580 Market Place, 3735 E Castro Valley Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL1517-MB	L50512.D	1	08/24/16	JT	n/a	n/a	VL1517

The QC reported here applies to the following samples:

Method: SW846 8260B

C46907-1

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	40	10	ug/kg	
71-43-2	Benzene	ND	5.0	0.50	ug/kg	
108-86-1	Bromobenzene	ND	5.0	0.50	ug/kg	
74-97-5	Bromochloromethane	ND	5.0	0.50	ug/kg	
75-27-4	Bromodichloromethane	ND	5.0	0.50	ug/kg	
75-25-2	Bromoform	ND	5.0	0.50	ug/kg	
104-51-8	n-Butylbenzene	ND	5.0	0.50	ug/kg	
135-98-8	sec-Butylbenzene	ND	5.0	0.50	ug/kg	
98-06-6	tert-Butylbenzene	ND	5.0	0.50	ug/kg	
108-90-7	Chlorobenzene	ND	5.0	0.50	ug/kg	
75-00-3	Chloroethane	ND	5.0	1.0	ug/kg	
67-66-3	Chloroform	ND	5.0	0.50	ug/kg	
95-49-8	o-Chlorotoluene	ND	5.0	0.50	ug/kg	
106-43-4	p-Chlorotoluene	ND	5.0	0.50	ug/kg	
56-23-5	Carbon tetrachloride	ND	5.0	0.50	ug/kg	
75-34-3	1,1-Dichloroethane	ND	5.0	0.50	ug/kg	
75-35-4	1,1-Dichloroethylene	ND	5.0	0.50	ug/kg	
563-58-6	1,1-Dichloropropene	ND	5.0	0.50	ug/kg	
96-12-8	1,2-Dibromo-3-chloropropane	ND	5.0	1.4	ug/kg	
106-93-4	1,2-Dibromoethane	ND	5.0	0.50	ug/kg	
107-06-2	1,2-Dichloroethane	ND	5.0	0.50	ug/kg	
78-87-5	1,2-Dichloropropane	ND	5.0	0.50	ug/kg	
142-28-9	1,3-Dichloropropane	ND	5.0	0.50	ug/kg	
108-20-3	Di-Isopropyl ether	ND	5.0	0.50	ug/kg	
594-20-7	2,2-Dichloropropane	ND	5.0	0.50	ug/kg	
124-48-1	Dibromochloromethane	ND	5.0	0.50	ug/kg	
75-71-8	Dichlorodifluoromethane	ND	5.0	1.0	ug/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	5.0	1.1	ug/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	5.0	0.50	ug/kg	
541-73-1	m-Dichlorobenzene	ND	5.0	0.50	ug/kg	
95-50-1	o-Dichlorobenzene	ND	5.0	0.50	ug/kg	
106-46-7	p-Dichlorobenzene	ND	5.0	0.50	ug/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	5.0	0.50	ug/kg	
10061-02-6	trans-1,3-Dichloropropene	ND	5.0	0.50	ug/kg	
100-41-4	Ethylbenzene	ND	5.0	0.50	ug/kg	
637-92-3	Ethyl tert-Butyl Ether	ND	5.0	0.50	ug/kg	

Method Blank Summary

Job Number: C46907
Account: ATCCASR ATC Group Services LLC
Project: 580 Market Place, 3735 E Castro Valley Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL1517-MB	L50512.D	1	08/24/16	JT	n/a	n/a	VL1517

The QC reported here applies to the following samples:

Method: SW846 8260B

C46907-1

CAS No.	Compound	Result	RL	MDL	Units	Q
591-78-6	2-Hexanone	ND	20	2.0	ug/kg	
87-68-3	Hexachlorobutadiene	ND	5.0	1.0	ug/kg	
98-82-8	Isopropylbenzene	ND	5.0	0.50	ug/kg	
99-87-6	p-Isopropyltoluene	ND	5.0	0.50	ug/kg	
108-10-1	4-Methyl-2-pentanone	ND	20	2.0	ug/kg	
74-83-9	Methyl bromide	ND	5.0	1.0	ug/kg	
74-87-3	Methyl chloride	ND	5.0	1.0	ug/kg	
74-95-3	Methylene bromide	ND	5.0	0.50	ug/kg	
75-09-2	Methylene chloride	ND	20	5.0	ug/kg	
78-93-3	Methyl ethyl ketone	ND	20	2.0	ug/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	5.0	1.0	ug/kg	
91-20-3	Naphthalene	ND	5.0	1.0	ug/kg	
103-65-1	n-Propylbenzene	ND	5.0	0.50	ug/kg	
100-42-5	Styrene	ND	5.0	0.50	ug/kg	
994-05-8	Tert-Amyl Methyl Ether	ND	5.0	0.50	ug/kg	
75-65-0	Tert Butyl Alcohol	ND	40	10	ug/kg	
630-20-6	1,1,1,2-Tetrachloroethane	ND	5.0	0.50	ug/kg	
71-55-6	1,1,1-Trichloroethane	ND	5.0	0.50	ug/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	5.0	0.50	ug/kg	
79-00-5	1,1,2-Trichloroethane	ND	5.0	0.50	ug/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	5.0	0.50	ug/kg	
96-18-4	1,2,3-Trichloropropane	ND	5.0	1.0	ug/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	5.0	0.50	ug/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	5.0	1.0	ug/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	5.0	1.0	ug/kg	
127-18-4	Tetrachloroethylene	ND	5.0	0.60	ug/kg	
108-88-3	Toluene	ND	5.0	0.50	ug/kg	
79-01-6	Trichloroethylene	ND	5.0	0.50	ug/kg	
75-69-4	Trichlorofluoromethane	ND	5.0	1.0	ug/kg	
75-01-4	Vinyl chloride	ND	5.0	1.0	ug/kg	
1330-20-7	Xylene (total)	ND	10	1.0	ug/kg	

CAS No.	Surrogate Recoveries	Limits
1868-53-7	Dibromofluoromethane	101% 72-140%

Method Blank Summary

Job Number: C46907
Account: ATCCASR ATC Group Services LLC
Project: 580 Market Place, 3735 E Castro Valley Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL1517-MB	L50512.D	1	08/24/16	JT	n/a	n/a	VL1517

The QC reported here applies to the following samples:

Method: SW846 8260B

C46907-1

CAS No.	Surrogate Recoveries	Limits
2037-26-5	Toluene-D8	94% 87-113%
460-00-4	4-Bromofluorobenzene	99% 81-115%

5.1.1
5

Blank Spike Summary

Job Number: C46907
Account: ATCCASR ATC Group Services LLC
Project: 580 Market Place, 3735 E Castro Valley Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL1517-BS	L50510.D	1	08/24/16	JT	n/a	n/a	VL1517

The QC reported here applies to the following samples:

Method: SW846 8260B

C46907-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
67-64-1	Acetone	160	201	126	47-163
71-43-2	Benzene	40	45.9	115	72-122
108-86-1	Bromobenzene	40	40.7	102	68-122
74-97-5	Bromochloromethane	40	51.4	129	71-129
75-27-4	Bromodichloromethane	40	43.9	110	68-122
75-25-2	Bromoform	40	41.3	103	69-126
104-51-8	n-Butylbenzene	40	38.3	96	66-121
135-98-8	sec-Butylbenzene	40	39.1	98	69-118
98-06-6	tert-Butylbenzene	40	44.4	111	69-117
108-90-7	Chlorobenzene	40	41.9	105	68-117
75-00-3	Chloroethane	40	45.2	113	66-134
67-66-3	Chloroform	40	47.4	119	68-124
95-49-8	o-Chlorotoluene	40	39.4	99	65-120
106-43-4	p-Chlorotoluene	40	39.4	99	64-123
56-23-5	Carbon tetrachloride	40	45.1	113	68-130
75-34-3	1,1-Dichloroethane	40	48.7	122	69-122
75-35-4	1,1-Dichloroethylene	40	47.9	120	69-120
563-58-6	1,1-Dichloropropene	40	43.5	109	69-120
96-12-8	1,2-Dibromo-3-chloropropane	40	37.7	94	64-132
106-93-4	1,2-Dibromoethane	40	42.3	106	70-122
107-06-2	1,2-Dichloroethane	40	42.5	106	69-125
78-87-5	1,2-Dichloropropane	40	46.5	116	71-122
142-28-9	1,3-Dichloropropane	40	43.9	110	74-123
108-20-3	Di-Isopropyl ether	40	44.6	112	69-122
594-20-7	2,2-Dichloropropane	40	48.5	121	63-132
124-48-1	Dibromochloromethane	40	43.9	110	68-121
75-71-8	Dichlorodifluoromethane	40	38.9	97	53-119
156-59-2	cis-1,2-Dichloroethylene	40	51.9	130	72-130
10061-01-5	cis-1,3-Dichloropropene	40	46.5	116	71-130
541-73-1	m-Dichlorobenzene	40	39.5	99	67-119
95-50-1	o-Dichlorobenzene	40	39.4	99	68-119
106-46-7	p-Dichlorobenzene	40	39.3	98	67-119
156-60-5	trans-1,2-Dichloroethylene	40	47.2	118* a	66-113
10061-02-6	trans-1,3-Dichloropropene	40	43.0	108	70-118
100-41-4	Ethylbenzene	40	42.3	106	71-118
637-92-3	Ethyl tert-Butyl Ether	40	45.0	113	69-125

* = Outside of Control Limits.

Blank Spike Summary

Job Number: C46907
Account: ATCCASR ATC Group Services LLC
Project: 580 Market Place, 3735 E Castro Valley Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL1517-BS	L50510.D	1	08/24/16	JT	n/a	n/a	VL1517

The QC reported here applies to the following samples:

Method: SW846 8260B

C46907-1

CAS No.	Compound	Spike ug/kg	BSP ug/kg	BSP %	Limits
591-78-6	2-Hexanone	160	169	106	53-153
87-68-3	Hexachlorobutadiene	40	36.9	92	65-125
98-82-8	Isopropylbenzene	40	41.6	104	70-119
99-87-6	p-Isopropyltoluene	40	39.6	99	68-120
108-10-1	4-Methyl-2-pentanone	160	176	110	60-145
74-83-9	Methyl bromide	40	42.7	107	66-130
74-87-3	Methyl chloride	40	39.9	100	50-140
74-95-3	Methylene bromide	40	45.7	114	72-127
75-09-2	Methylene chloride	40	48.0	120	69-121
78-93-3	Methyl ethyl ketone	160	194	121	59-147
1634-04-4	Methyl Tert Butyl Ether	40	43.0	108	68-121
91-20-3	Naphthalene	40	39.0	98	68-129
103-65-1	n-Propylbenzene	40	38.8	97	67-116
100-42-5	Styrene	40	43.3	108	68-120
994-05-8	Tert-Amyl Methyl Ether	40	47.1	118	70-129
75-65-0	Tert Butyl Alcohol	200	232	116	50-163
630-20-6	1,1,1,2-Tetrachloroethane	40	42.9	107	70-123
71-55-6	1,1,1-Trichloroethane	40	48.8	122	71-128
79-34-5	1,1,2,2-Tetrachloroethane	40	40.1	100	69-126
79-00-5	1,1,2-Trichloroethane	40	42.7	107	70-120
87-61-6	1,2,3-Trichlorobenzene	40	37.4	94	65-125
96-18-4	1,2,3-Trichloropropane	40	42.1	105	69-128
120-82-1	1,2,4-Trichlorobenzene	40	37.9	95	65-125
95-63-6	1,2,4-Trimethylbenzene	40	39.2	98	67-118
108-67-8	1,3,5-Trimethylbenzene	40	39.9	100	68-120
127-18-4	Tetrachloroethylene	40	47.6	119	66-125
108-88-3	Toluene	40	42.3	106	72-116
79-01-6	Trichloroethylene	40	46.1	115	70-126
75-69-4	Trichlorofluoromethane	40	42.2	106	70-138
75-01-4	Vinyl chloride	40	44.9	112	55-146
1330-20-7	Xylene (total)	120	127	106	68-118

CAS No.	Surrogate Recoveries	BSP	Limits
1868-53-7	Dibromofluoromethane	105%	72-140%

* = Outside of Control Limits.

5.2.1
 5

Blank Spike Summary

Job Number: C46907
Account: ATCCASR ATC Group Services LLC
Project: 580 Market Place, 3735 E Castro Valley Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
VL1517-BS	L50510.D	1	08/24/16	JT	n/a	n/a	VL1517

The QC reported here applies to the following samples:

Method: SW846 8260B

C46907-1

CAS No.	Surrogate Recoveries	BSP	Limits
2037-26-5	Toluene-D8	95%	87-113%
460-00-4	4-Bromofluorobenzene	103%	81-115%

(a) Outside laboratory control limits (high bias); not detected in associated samples.

* = Outside of Control Limits.

GC Semi-volatiles

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Blank Spike Summaries
- Matrix Spike and Duplicate Summaries

Method Blank Summary

Job Number: C46907
Account: ATCCASR ATC Group Services LLC
Project: 580 Market Place, 3735 E Castro Valley Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP14731-MB	BB6197.D	1	08/22/16	MT	08/22/16	OP14731	GBB199

The QC reported here applies to the following samples:

Method: SW846 8015B M

C46907-1

CAS No.	Compound	Result	RL	MDL	Units	Q
	TPH (C10-C28) ^a	2.04	3.3	1.5	mg/kg	J
	TPH (> C28-C40) ^a	1.63	3.3	1.3	mg/kg	J

CAS No.	Surrogate Recoveries	Limits
630-01-3	Hexacosane	118% 38-146%

(a) Associated sample(s) with "B" qualifiers indicate analyte is found at concentrations above MDL and less than 10 times of method blank concentration.

6.1.1
6

Blank Spike/Blank Spike Duplicate Summary

Job Number: C46907
Account: ATCCASR ATC Group Services LLC
Project: 580 Market Place, 3735 E Castro Valley Blvd

Sample	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
OP14731-BS	BB6194.D	1	08/22/16	MT	08/22/16	OP14731	GBB199
OP14731-BSD	BB6195.D	1	08/22/16	MT	08/22/16	OP14731	GBB199

The QC reported here applies to the following samples:

Method: SW846 8015B M

C46907-1

CAS No.	Compound	Spike mg/kg	BSP mg/kg	BSP %	BSD mg/kg	BSD %	RPD	Limits Rec/RPD
	TPH (C10-C28)	33.3	34.2	103	35.6	107	4	53-107/12
	TPH (> C28-C40)	33.3	24.4	73	24.6	74	1	59-120/14

CAS No.	Surrogate Recoveries	BSP	BSD	Limits
630-01-3	Hexacosane	117%	119%	38-146%

* = Outside of Control Limits.

Metals Analysis

QC Data Summaries

Includes the following where applicable:

- Method Blank Summaries
- Matrix Spike and Duplicate Summaries
- Blank Spike and Lab Control Sample Summaries
- Serial Dilution Summaries

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: C46907
Account: ATCCASR - ATC Group Services LLC
Project: 580 Market Place, 3735 E Castro Valley Blvd

QC Batch ID: MP11721
Matrix Type: SOLID

Methods: SW846 6010B
Units: mg/kg

Prep Date: 08/23/16

Metal	RL	IDL	MDL	MB raw	final
Aluminum	20	.54	1.5		
Antimony	2.0	.16	.18	0.14	<2.0
Arsenic	2.0	.17	.17	-0.12	<2.0
Barium	20	.025	.09	0.0	<20
Beryllium	1.0	.019	.01	0.0	<1.0
Boron	10	.27	.15		
Cadmium	1.0	.032	.031	-0.020	<1.0
Calcium	500	1.9	4.5		
Chromium	1.0	.12	.054	0.070	<1.0
Cobalt	1.0	.049	.025	0.020	<1.0
Copper	2.5	.1	.15	0.090	<2.5
Iron	20	.51	.76		
Lead	2.0	.11	.14	-0.010	<2.0
Magnesium	500	3.7	2.1		
Manganese	1.5	.021	.026		
Molybdenum	2.0	.11	.04	-0.040	<2.0
Nickel	1.0	.045	.047	-0.020	<1.0
Potassium	1000	2.9	4.6		
Selenium	2.0	.49	.33	-0.020	<2.0
Silicon	20	.22	.43		
Silver	1.0	.089	.067	0.020	<1.0
Sodium	1000	2.6	1.2		
Strontium	1.0	.014	.018		
Thallium	2.0	.39	.12	-0.18	<2.0
Tin	50	.3	.28		
Titanium	1.0	.076	.13		
Vanadium	1.0	.043	.074	0.0	<1.0
Zinc	2.0	.11	.22	0.050	<2.0

Associated samples MP11721: C46907-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

7.1.1
7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C46907
 Account: ATCCASR - ATC Group Services LLC
 Project: 580 Market Place, 3735 E Castro Valley Blvd

QC Batch ID: MP11721
 Matrix Type: SOLID

Methods: SW846 6010B
 Units: mg/kg

Prep Date: 08/23/16

Metal	C46907-1 Original MS		Spike lot MPIR5	% Rec	QC Limits
Aluminum					
Antimony	0.34	39.4	41.7	93.7	75-125
Arsenic	1.6	39.0	41.7	89.8	75-125
Barium	49.1	52.7	41.7	8.6N (a)	75-125
Beryllium	0.078	40.1	41.7	96.1	75-125
Boron					
Cadmium	0.14	38.8	41.7	92.8	75-125
Calcium					
Chromium	41.9	44.2	41.7	5.5N (a)	75-125
Cobalt	11.2	41.5	41.7	72.7N(a)	75-125
Copper	20.8	43.6	41.7	54.7N(a)	75-125
Iron					
Lead	2.5	37.9	41.7	85.0	75-125
Magnesium					
Manganese					
Molybdenum	0.0	38.6	41.7	92.6	75-125
Nickel	67.0	50.1	41.7	-40.6N(a)	75-125
Potassium					
Selenium	0.0	38.3	41.7	91.9	75-125
Silicon					
Silver	0.0	36.1	41.7	86.6	75-125
Sodium					
Strontium					
Thallium	0.0	39.8	41.7	95.5	75-125
Tin					
Titanium					
Vanadium	19.3	42.7	41.7	56.2N(a)	75-125
Zinc	33.9	48.1	41.7	34.1N(a)	75-125

Associated samples MP11721: C46907-1

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

7.1.2
 7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C46907
 Account: ATCCASR - ATC Group Services LLC
 Project: 580 Market Place, 3735 E Castro Valley Blvd

QC Batch ID: MP11721
 Matrix Type: SOLID

Methods: SW846 6010B
 Units: mg/kg

Prep Date: 08/23/16

Metal	C46907-1 Original	MSD	Spike lot MPIR5	% Rec	MSD RPD	QC Limit
Aluminum						
Antimony	0.34	38.6	43.9	87.2	2.1	20
Arsenic	1.6	41.6	43.9	91.2	6.5	20
Barium	49.1	79.2	43.9	68.6N(a)	40.2 (b)	20
Beryllium	0.078	41.9	43.9	95.4	4.4	20
Boron						
Cadmium	0.14	41.1	43.9	93.4	5.8	20
Calcium						
Chromium	41.9	59.2	43.9	39.4N(a)	29.0 (b)	20
Cobalt	11.2	46.5	43.9	80.5	11.4	20
Copper	20.8	55.4	43.9	78.9	23.8 (b)	20
Iron						
Lead	2.5	42.2	43.9	90.5	10.7	20
Magnesium						
Manganese						
Molybdenum	0.0	39.5	43.9	90.1	2.3	20
Nickel	67.0	71.2	43.9	9.6N (a)	34.8 (b)	20
Potassium						
Selenium	0.0	40.0	43.9	91.2	4.3	20
Silicon						
Silver	0.0	38.4	43.9	87.6	6.2	20
Sodium						
Strontium						
Thallium	0.0	41.5	43.9	94.6	4.2	20
Tin						
Titanium						
Vanadium	19.3	52.2	43.9	75.0	20.0	20
Zinc	33.9	62.3	43.9	64.8N(a)	25.7 (b)	20

Associated samples MP11721: C46907-1

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(N) Matrix Spike Rec. outside of QC limits

(anr) Analyte not requested

(a) Spike recovery indicates possible matrix interference and/or sample nonhomogeneity.

(b) High RPD indicates possible matrix interference and/or sample nonhomogeneity.

7.1.2
 7

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: C46907
 Account: ATCCASR - ATC Group Services LLC
 Project: 580 Market Place, 3735 E Castro Valley Blvd

QC Batch ID: MP11721
 Matrix Type: SOLID

Methods: SW846 6010B
 Units: mg/kg

Prep Date: 08/23/16 08/23/16

Metal	BSP Result	Spikelot MPIR5	% Rec	QC Limits	BSD Result	Spikelot MPIR5	% Rec	BSD RPD	QC Limit
Aluminum									
Antimony	50.9	50	101.8	80-120	51.1	50	102.2	0.4	
Arsenic	47.6	50	95.2	80-120	48.0	50	96.0	0.8	
Barium	48.9	50	97.8	80-120	49.4	50	98.8	1.0	
Beryllium	48.8	50	97.6	80-120	49.4	50	98.8	1.2	
Boron									
Cadmium	47.6	50	95.2	80-120	48.1	50	96.2	1.0	
Calcium									
Chromium	49.8	50	99.6	80-120	50.3	50	100.6	1.0	
Cobalt	50.8	50	101.6	80-120	51.0	50	102.0	0.4	
Copper	48.0	50	96.0	80-120	48.1	50	96.2	0.2	
Iron									
Lead	45.2	50	90.4	80-120	45.8	50	91.6	1.3	
Magnesium									
Manganese									
Molybdenum	48.0	50	96.0	80-120	48.3	50	96.6	0.6	
Nickel	45.5	50	91.0	80-120	45.9	50	91.8	0.9	
Potassium									
Selenium	46.4	50	92.8	80-120	46.8	50	93.6	0.9	
Silicon									
Silver	44.1	50	88.2	80-120	44.4	50	88.8	0.7	
Sodium									
Strontium									
Thallium	47.7	50	95.4	80-120	47.7	50	95.4	0.0	
Tin									
Titanium									
Vanadium	48.9	50	97.8	80-120	49.1	50	98.2	0.4	
Zinc	48.8	50	97.6	80-120	49.6	50	99.2	1.6	

Associated samples MP11721: C46907-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (anr) Analyte not requested

7.1.3
7

SERIAL DILUTION RESULTS SUMMARY

Login Number: C46907
 Account: ATCCASR - ATC Group Services LLC
 Project: 580 Market Place, 3735 E Castro Valley Blvd

QC Batch ID: MP11721
 Matrix Type: SOLID

Methods: SW846 6010B
 Units: ug/l

Prep Date: 08/23/16

Metal	C46907-1		%DIF	QC Limits
	Original	SDL 1:5		
Aluminum				
Antimony	4.00	0.00	100.0(a)	0-10
Arsenic	18.0	8.60	52.2 (a)	0-10
Barium	570	741	30.0*(b)	0-10
Beryllium	0.900	0.00	100.0(a)	0-10
Boron				
Cadmium	1.60	0.00	100.0(a)	0-10
Calcium				
Chromium	487	628	29.0*(b)	0-10
Cobalt	129	160	23.4*(b)	0-10
Copper	241	305	26.3*(b)	0-10
Iron				
Lead	29.5	35.8	21.4 (a)	0-10
Magnesium				
Manganese				
Molybdenum	0.00	0.00	NC	0-10
Nickel	777	902	16.1*(b)	0-10
Potassium				
Selenium	0.00	0.00	NC	0-10
Silicon				
Silver	0.00	0.00	NC	0-10
Sodium				
Strontium				
Thallium	0.00	0.00	NC	0-10
Tin				
Titanium				
Vanadium	224	287	27.8*(b)	0-10
Zinc	393	483	22.8*(b)	0-10

Associated samples MP11721: C46907-1

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) Percent difference acceptable due to low initial sample concentration (< 50 times IDL).

(b) Serial dilution indicates possible matrix interference.

7.1.4
7

BLANK RESULTS SUMMARY
Part 2 - Method Blanks

Login Number: C46907
Account: ATCCASR - ATC Group Services LLC
Project: 580 Market Place, 3735 E Castro Valley Blvd

QC Batch ID: MP11724
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 08/23/16

Metal	RL	IDL	MDL	MB raw	final
Mercury	0.017	.00035	.0037	0.025	* (a)

Associated samples MP11724: C46907-1

Results < IDL are shown as zero for calculation purposes

(*) Outside of QC limits

(anr) Analyte not requested

(a) MB > RL; all associated sample results < RL or > 10x method blank concentration.

7.2.1

7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C46907
 Account: ATCCASR - ATC Group Services LLC
 Project: 580 Market Place, 3735 E Castro Valley Blvd

QC Batch ID: MP11724
 Matrix Type: SOLID

Methods: SW846 7471A
 Units: mg/kg

Prep Date: 08/23/16

Metal	C46869-6 Original MS	SpikeLot HGPWS1	% Rec	QC Limits
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Mercury	0.0	0.20	0.161	124.0	75-125
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Associated samples MP11724: C46907-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested

7.2.2

7

MATRIX SPIKE AND DUPLICATE RESULTS SUMMARY

Login Number: C46907
 Account: ATCCASR - ATC Group Services LLC
 Project: 580 Market Place, 3735 E Castro Valley Blvd

QC Batch ID: MP11724
 Matrix Type: SOLID

Methods: SW846 7471A
 Units: mg/kg

Prep Date: 08/23/16

Metal	C46869-6 Original MSD	SpikeLot HGPWS1	% Rec	MSD RPD	QC Limit
Mercury	0.0	0.20	0.152	132.0N(a) 0.0	20

Associated samples MP11724: C46907-1

Results < IDL are shown as zero for calculation purposes
 (*) Outside of QC limits
 (N) Matrix Spike Rec. outside of QC limits
 (anr) Analyte not requested
 (a) Outside laboratory control limits.

7.2.2

7

SPIKE BLANK AND LAB CONTROL SAMPLE SUMMARY

Login Number: C46907
Account: ATCCASR - ATC Group Services LLC
Project: 580 Market Place, 3735 E Castro Valley Blvd

QC Batch ID: MP11724
Matrix Type: SOLID

Methods: SW846 7471A
Units: mg/kg

Prep Date: 08/23/16

Metal	BSP Result	Spikelot HGPWS1	% Rec	QC Limits
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Mercury 0.17 0.167 102.0 80-120

Associated samples MP11724: C46907-1

Results < IDL are shown as zero for calculation purposes
(*) Outside of QC limits
(anr) Analyte not requested

7.2.3

7