ARCADIS
Infrastructure, environment, buildings

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Ms. Carol C. Minsk
Project Manager

Mr. Lucas Berresford
Engineering Associate
Division of Site Assessment and Remediation
Bureau of Land and Waste Management
South Carolina Department of Health and Environmental Control
2600 Bull Street
Columbia, South Carolina 29201

Date:
March 31, 2010

Contact:
Mark B. Hanish

Phone:
724.742.7180

Email:
mark.hanish@arcadis-us.com

Our ref:
B0007393.0000

Subject:
PDG Building Post-Demolition Subgrade Sampling Report
AVX Corporation
801 17th Avenue South
Horry County, Myrtle Beach, South Carolina
SCD 062 690 557

Dear Ms. Minsk and Mr. Berresford:

On behalf of AVX Corporation (AVX), ARCADIS respectfully submits five copies of this *PDG Building Post-Demolition Sampling Report* (Post-Demo Report) to the South Carolina Department of Health and Environmental Control (SCDHEC) to provide results of the post-demolition subgrade soil screening and sampling for areas beneath and near the former PDG Building slab at the AVX facility located in Myrtle Beach, South Carolina (site) (Figure 1). This work was performed as a follow-up to the abovegrade and slab demolition of the PDG Building, as described in the *PDG Building Pre-Demolition Subgrade Sampling Report and Post-Demolition Subgrade Sampling Work Plan* (Work Plan), dated January 13, 2010. The Work Plan was approved by the SCDHEC on January 19, 2010.

The objective of the subgrade screening and sampling was to assess the soil quality within the demolition area with respect to the presence or absence of volatile organic compounds (VOCs).

Field Activities

Soil Screening

PDG Building demolition activities began in December 2009. On January 13, 2010, an AVX contractor (Thompkins & Associates, Inc.) began removing the concrete slab

and surrounding asphalt-covered areas, thereby providing access for ARCADIS personnel to screen soil across the area of demolition. Screening of the soil was performed on an approximate 10-foot by 10-foot grid (Figure 2). At each grid node, a small-diameter hole was created by driving a steel rod to a depth of approximately 6 inches below the residual subbase material and into native soil. The tip of a photoionization detector (PID) was then placed in the hole and the top of the hole was temporarily plugged to assess PID-measured subsurface vapor concentrations over a minimum measuring time of 10 seconds. The resulting soil screening concentrations were recorded.

Removal of PDG Building concrete slab

Soil Sampling

As discussed in the Work Plan, ARCADIS advanced 11 hand auger borings to depths of approximately 2 feet below ground surface (bgs) around the perimeter of the PDG Building (Figure 3). Soil removed from each boring was screened with a PID to assess for the presence of VOCs. Soil samples were collected from the interval exhibiting the highest observed PID concentrations, or the default depth of approximately 2 feet bgs.

Former PDG Building location, following concrete slab removal

After the PDG Building demolition activities progressed and the concrete slab and asphalt cover were removed, an additional 18 soil borings were advanced between January 14, 2010 and January 20, 2010. All soil borings were advanced via hand-auger to a depth of approximately 2 feet bgs at the locations depicted on Figure 3. ARCADIS screened soil cuttings with a PID and inspected soil cuttings for visual evidence of staining. No elevated PID readings or visual evidence of staining were observed at any of the soil borings; therefore, one soil sample was collected from near the bottom of each boring location at a depth of approximately 2 feet bgs. All samples were collected from the native underlying soil.

All samples were collected in laboratory-cleaned sampling containers and shipped in iced shipping coolers under chain of custody via overnight courier to the SGS Environmental Services Laboratory in Wilmington, North Carolina.

Additional Activities

On January 19, 2010, the 2-inch-diameter copper pipe, which conveyed groundwater from recovery well DPW-4SD to the air stripper, was broken during PDG Building demolition activities. The pipe sheared in two locations, including where the pipe transitioned to polyvinyl chloride (PVC) outside of the well-head vault structure and at the well-seal inside of the well-head vault.

The break in the pipe allowed groundwater to flow over a small area of soil adjacent to recovery well DPW-4SD and then via sheet flow over the adjacent asphalt surface to a catch basin depicted on Figure 3. An estimated 120 gallons of water flowed from broken piping before the recovery well pump could be turned off. At the time of the incident, the catch basin was dry, thereby providing sump storage that prevented the water from flowing beyond this basin. AVX personnel immediately placed absorbent pads and booms at the downstream side of the receiving catch basin and within the next downstream manhole to provide an additional measure of temporary containment to minimize the potential for off-site flow of untreated groundwater. After the pump was shut off and all water was contained, Mark Hanish of ARCADIS notified Carol Minsk of the SCDHEC on January 19, 2010. The water from both catch basins was then pumped into drums and treated on site. As Mr. Hanish and Ms. Minsk verbally agreed, a surface soil sample was collected from the 0 to 6-inch depth interval in an area where the water had traveled over exposed soil to confirm that the soil had not been impacted.

On January 21, 2010, Environmental Hydrogeological Consultants, Inc. made repairs to the subgrade and piping system by first pulling the submersible well pump and

associated piping out of the well. All of the 2-inch-diameter copper piping was replaced with threaded, 2-inch-diameter carbon steel pipe. The threaded steel pipe was installed from the pump, to above the well-seal, where it transitioned to 2-inch-diameter PVC inside of the vault, which was, in turn, reconnected to the existing 2-inch-diameter PVC conveyance piping to the air stripping system. A new well seal was also installed at the well head.

Results

Soil Screening

Approximately 390 soil locations were screened with the PID for the presence of VOCs. Of those 390 locations, only 19 displayed any PID response. The range of soil vapor concentrations at those 19 locations varied from 0.2 to 21.0 parts per million (ppm) on the PID based on calibration against an isobutylene standard. Figure 2 shows the location screening concentration at only those locations where the PID registered a non-zero value. All other locations registered 0.0 ppm.

Soil Sampling

All soil samples, including the surface soil sample collected near DPW-4SD, were analyzed for VOCs via United States Environmental Protection Agency SW-846 Method 8260. Only SB-PDG-3 contained chlorinated VOC concentrations above the laboratory quantitation limits, including 0.0274 milligrams per kilogram (mg/kg) of 1,1-dichloroethene and 0.00774 mg/kg of vinyl chloride.

The following other chlorinated and non-chlorinated VOCs, which are believed to not be site related but may be a laboratory artifact, were reported at concentrations below the laboratory quantitation limits:

- methylene chloride (four combined pre- and post-demolition sampling locations)
- acetone (24 combined pre- and post-demolition sampling locations)
- 2-butanone (one combined pre- and post-demolition sampling location)

The laboratory analytical results are summarized in Table 1 and on Figure 3. The laboratory analytical reports are included as Attachment 1.

Conclusions

Based on the findings of this Post-Demo Report, past activities in or near the PDG Building, including the pipe break at the recovery well vault, had no apparent environmental impact on soil that may warrant further action.

Recommendations

Based on the conclusions of this Post-Demo Report, ARCADIS recommends that the area beneath and near the former PDG Building be restored in a manner consistent with the future use of that portion of the property.

If you have any questions regarding this Post-Demo Report, please do not hesitate to call Mr. Larry Blue at 843.946.0395 or me at 724.742.9180, ext. 518.

Sincerely,

ARCADIS

Mark B. Hanish
Project Manager

Copies:
Ms. Myra Reece, South Carolina Department of Health and Environmental Control
Mr. Larry Blue, CHMM, AVX Corporation
Mr. Dave Martinelli, AVX Corporation
Mr. William Popham, ARCADIS
Mr. Jeff Beckner, ARCADIS

Table

Table 1
Summary of Soil Sample Analytical Results

PDG Building Post-Demolition Subgrade Sampling Report
Myrtle Beach, South Carolina

Location ID: Sample Depth (Feet): Date Collected:	USEPA Region 9 RSL[1]	Units	SB-PDG-1 1.5 - 2 06/02/09	SB-PDG-2 1 - 1.5 06/02/09	SB-PDG-3 1.5 - 2 06/02/09	SB-PDG-4 1.5 - 2 06/02/09	SB-PDG-5 1.5 - 2 06/02/09	SB-PDG-6 1.5 - 2 06/02/09	SB-PDG-7 1.5 - 2 06/02/09	SB-PDG-8 1.5 - 2 06/02/09	SB-PDG-9 1.5 - 2 06/02/09	SB-PDG-10 1.5 - 2 06/02/09
Volatile Organics												
1,1-Dichloroethene	1190	mg/kg	0.00440 U	0.00452 U	**0.0274**	0.00440 U	0.00441 U	0.00425 U	0.00444 U	0.00415 U	0.00463 U	0.00454 U
2-Butanone	- -	mg/kg	0.0220 U	0.0226 U	0.0226 U	0.0220 U	0.0221 U	0.0212 U	0.0222 U	0.0208 U	0.0231 U	0.0227 U
Acetone	114000	mg/kg	**0.0126 J**	**0.00714 J**	**0.0188 J**	**0.0244 J**	**0.0260 J**	**0.0113 J**	**0.0245 J**	**0.0147 J**	0.0463 U	0.0454 U
Methylene Chloride	53	mg/kg	0.0176 U	0.0181 U	0.0181 U	0.0176 U	0.0177 U	0.0170 U	0.0178 U	0.0166 U	0.0185 U	0.0182 U
Vinyl Chloride	1.67	mg/kg	0.00440 U	0.00452 U	**0.00774**	0.00440 U	0.00441 U	0.00425 U	0.00444 U	0.00415 U	0.00463 U	0.00454 U

Table 1
Summary of Soil Sample Analytical Results

PDG Building Post-Demolition Subgrade Sampling Report
Myrtle Beach, South Carolina

Location ID: Sample Depth (Feet): Date Collected:	USEPA Region 9 RSL[1]	Units	SB-PDG-11 1.5 - 2 06/02/09	SB-PDG-12 1.5 - 2 01/14/10	SB-PDG-13 1 - 1.5 01/14/10	SB-PDG-14 1.5 - 2 01/15/10	SB-PDG-15 1.5 - 2 01/15/10	SB-PDG-16 1.5 - 2 01/15/10	SB-PDG-17 1.5 - 2 01/19/10	SB-PDG-18 1.5 - 2 01/19/10	SB-PDG-19 1.5 - 2 01/19/10	SB-PDG-20 1.5 - 2 01/19/10
Volatile Organics												
1,1-Dichloroethene	1190	mg/kg	0.00469 U	0.00440 U	0.00422 U	0.00423 U	0.00387 U	0.00523 U	0.00674 U	0.00723 U	0.00707 U	0.00729 U
2-Butanone	- -	mg/kg	0.0234 U	**0.0128 J**	0.0211 U	0.0212 U	0.0194 U	0.0261 U	0.0337 U	0.0362 U	0.0354 U	0.0365 U
Acetone	114000	mg/kg	0.0469 U	**0.0737**	**0.0140 J**	**0.0162 J**	**0.0232 J**	**0.0108 J**	**0.0165 J**	**0.0213 J**	0.0707 U	**0.0184 J**
Methylene Chloride	53	mg/kg	0.0187 U	0.0176 U	0.0169 U	**0.00169 JB**	**0.00301 J**	**0.00231 JB**	0.0270 U	0.0289 U	**0.00223 J**	0.0292 U
Vinyl Chloride	1.67	mg/kg	0.00469 U	0.00440 U	0.00422 U	0.00423 U	0.00387 U	0.00523 U	0.00674 U	0.00723 U	0.00707 U	0.00729 U

Table 1
Summary of Soil Sample Analytical Results

PDG Building Post-Demolition Subgrade Sampling Report
Myrtle Beach, South Carolina

Location ID: Sample Depth (Feet): Date Collected:	USEPA Region 9 RSL[1]	Units	SB-PDG-21 1.5 - 2 01/20/10	SB-PDG-22 1.5 - 2 01/20/10	SB-PDG-23 1.5 - 2 01/20/10	SB-PDG-24 1.5 - 2 01/20/10	SB-PDG-25 1.5 - 2 01/20/10	SB-PDG-26 1.5 - 2 01/20/10	SB-PDG-27 1.5 - 2 01/20/10	SB-PDG-28 1.5 - 2 01/20/10	SB-PDG-29 1.5 - 2 01/20/10	SB-PDG-RW 0.0-0.5 01/20/10
Volatile Organics												
1,1-Dichloroethene	1190	mg/kg	0.0118 U	0.00727 U	0.00706 U	0.00683 U	0.00644 U	**0.00488 J**	0.00780 U	0.00882 U	0.00906 U	0.00864 U
2-Butanone	- -	mg/kg	0.0588 U	0.0364 U	0.0353 U	0.0341 U	0.0322 U	0.0372 U	0.0390 U	0.0441 U	0.0453 U	0.0432 U
Acetone	114000	mg/kg	0.118 U	**0.0246 J**	**0.0303 J**	**0.0270 J**	**0.0235 J**	**0.0145 J**	**0.0386 J**	**0.0441 J**	**0.0219 J**	**0.0180 J**
Methylene Chloride	53	mg/kg	0.0470 U	0.0291 U	0.0282 U	0.0273 U	0.0258 U	0.0297 U	0.0312 U	0.0353 U	0.0362 U	0.0346 U
Vinyl Chloride	1.67	mg/kg	0.0118 U	0.00727 U	0.00706 U	0.00683 U	0.00644 U	0.00744 U	0.00780 U	0.00882 U	0.00906 U	0.00864 U

Notes:
[1] - United States Environmental Protection Agency Regional Screening Level for Chemical Contaminants, Industrial Soil
mg/kg - milligrams per kilogram
J - Estimated concentration. Below calibration range and above Method Detection Limit.
B - Compound also detected in the batch blank.
U - The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

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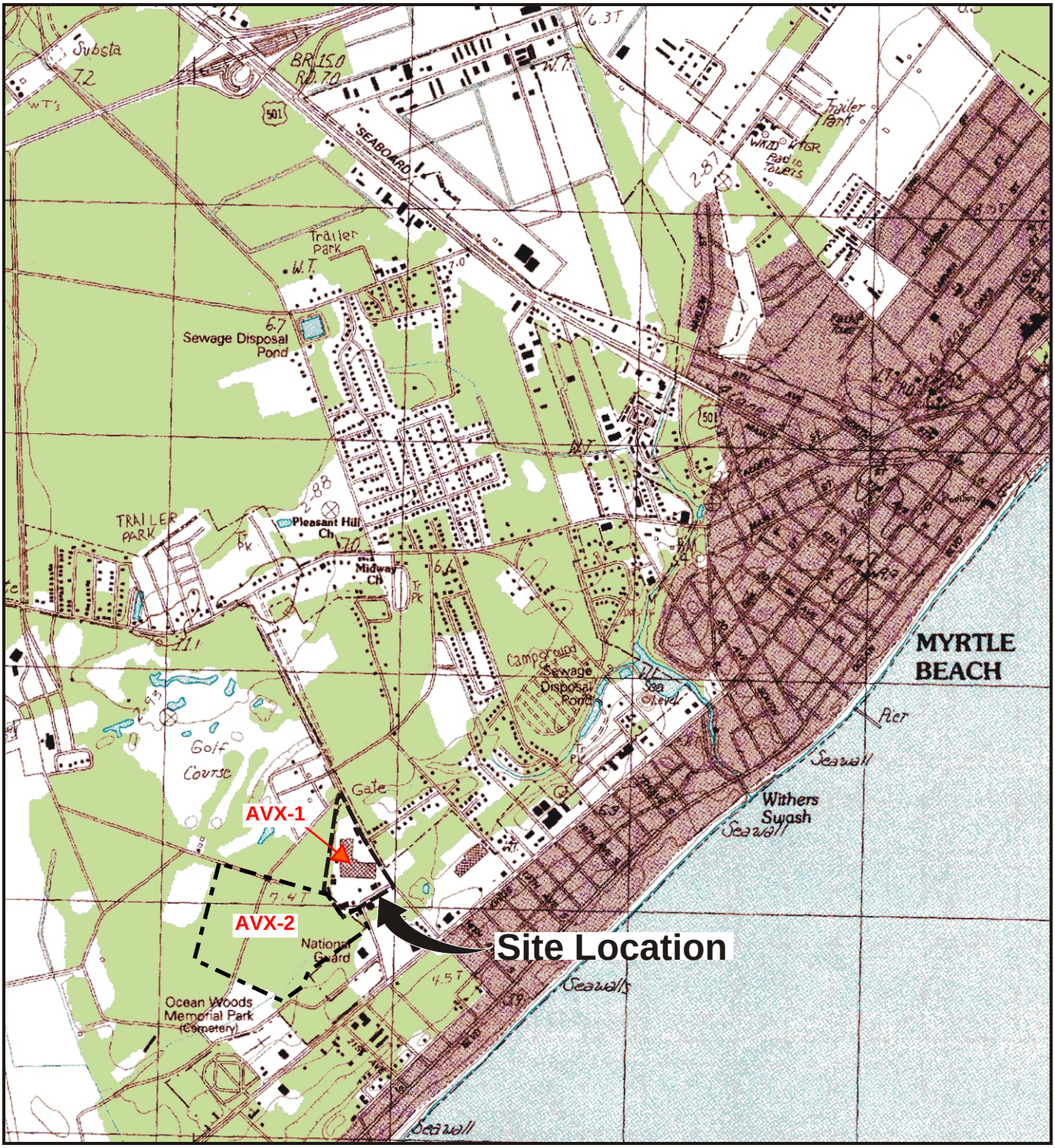
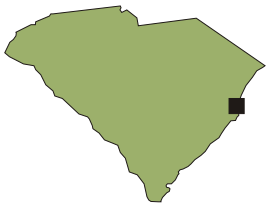
Figures



REFERENCE: BASE MAP USGS 7.5 MIN. QUAD., MYRTLE BEACH, SOUTH CAROLINA, PHOTOREVISED 1984.

2000' 0 2000'

Approximate Scale: 1" = 2000'



Area Location

AVX CORPORATION
MYRTLE BEACH FACILITY
MYRTLE BEACH, SOUTH CAROLINA

SITE LOCATION MAP

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FIGURE
1

01/31/08 SYR-D85-DJH
B0007393/0000/00001/CDR/07393N01.CDR

LEGEND:

- ▲ LOCATION OF PRE-DEMOLITION SOIL BORING
- △ LOCATION OF POST-DEMOLITION SOIL BORING
- △ GRID LOCATIONS NOT SAMPLED DUE TO PROXIMITY TO PRE-DEMOLITION SOIL BORING
- ● SOIL SCREENING LOCATION WITH OBSERVED PID DETECTION (SEE NOTE #3)
- APPROXIMATE LIMITS OF CONCRETE AND ASPHALT REMOVAL

NOTE:

1. ALL LOCATIONS ARE APPROXIMATE.
2. ppm = PARTS PER MILLION
3. ALL SAMPLING GRIDS WERE SCREENED, BUT ONLY GRIDS WHERE DETECTIONS WERE OBSERVED (i.e. READINGS >0.0 ppm) ARE PRESENTED.

0 30' 60'

GRAPHIC SCALE

AVX CORPORATION
MYRTLE BEACH FACILITY
MYRTLE BEACH, SOUTH CAROLINA

PDG BUILDING POST-DEMOLITION SOIL SCREENING RESULTS

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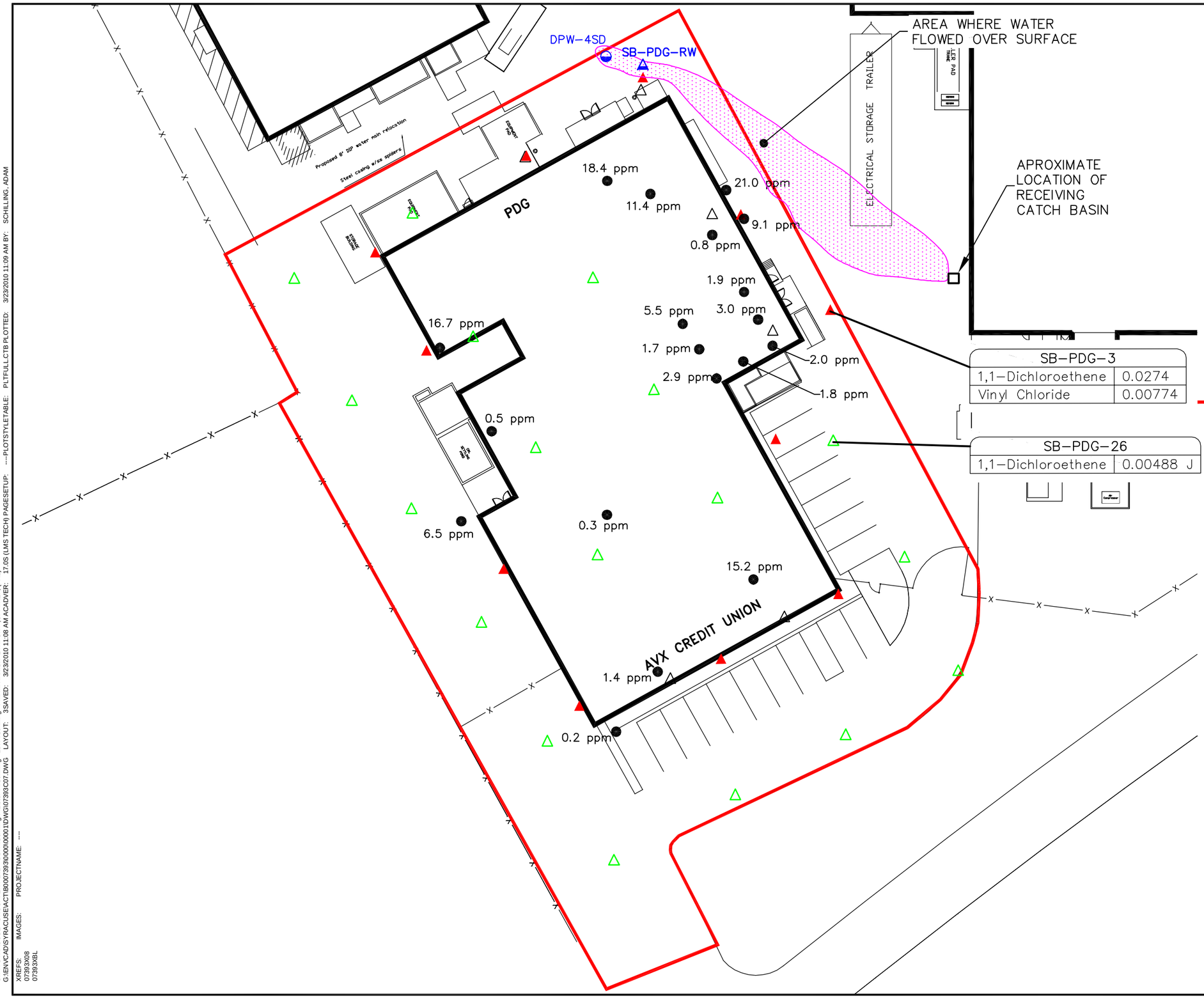
FIGURE 2

CITY: SYRACUSE GROUP: ENV-141 DB: A.Schilling P.Lister A.Schilling LD: A.Schilling PM: M. HANISH LYR: ON=*;OFF=REF; (FRZ)
G:\ENVCAD\SYRACUSE\ACT\B0007393000000001\DWG\07393C01.DWG LAYOUT: 2SAVED: 3/8/2010 10:52 AM ACADVER: 17.0S (LMS TECH) PAGESETUP:
XREFS: IMAGES: PROJECTNAME: ---
07393X08
07393XBL



LEGEND:

- LOCATION OF PRE-DEMOLITION SOIL BORING (JUNE 2009)
- LOCATION OF POST-DEMOLITION SOIL BORINGS (JANUARY 2010)
- GRID LOCATIONS NOT SAMPLED DUE TO PROXIMITY TO PRE-DEMOLITION BORING LOCATIONS
- LOCATION OF RECOVERY WELL SCREENED IN THE UPPER & LOWER TERRACE DEPOSITS
- SOIL SAMPLE FROM AREA WHERE WATER FLOWED FROM BROKEN PIPE AT DPW-4SD WELL HEAD (JANUARY 2010)
- APPROXIMATE LIMITS OF CONCRETE AND ASPHALT REMOVAL

NOTE:

1. ALL LOCATIONS ARE APPROXIMATE.
2. ONLY DETECTABLE CONCENTRATIONS ARE PRESENTED.
3. ALL CONCENTRATIONS ARE PRESENTED IN MILLIGRAMS PER KILOGRAM (mg/kg).
4. "J" FLAGS INDICATE AN ESTIMATED CONCENTRATION.
5. ACETONE DETECTIONS ARE BELIEVED TO BE A LABORATORY ANALYTICAL ARTIFACT, AND ARE NOT INCLUDED HERE.

0 30' 60'

GRAPHIC SCALE

AVX CORPORATION
MYRTLE BEACH FACILITY
MYRTLE BEACH, SOUTH CAROLINA

PDG BUILDING PRE AND POST-DEMOLITION SOIL BORING ANALYTICAL RESULTS

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FIGURE 3

CITY: SYRACUSE GROUP: ENV-141 DB: A.Schilling P.Lister A.Schilling LD: A.Schilling PM: M. HANISH LYR: ON=*;OFF=REF; (FR2)
G:\ENVCAD\SYRACUSE\ACTIB\007393\000\00001\DWG\07393C07.DWG LAYOUT: 3SAVED: 3/23/2010 11:08 AM ACADVER: 17.0S (LMS TECH) PAGESETUP: ---PLOTSTYLETABLE: PLTFULL.CTB PLOTTED: 3/23/2010 11:09 AM BY: SCHILLING, ADAM
XREFS:
07393X08
07393XBL
IMAGES:
PROJECTNAME: ---

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Attachment 1

Laboratory Analytical Reports

Mark Hanish
Arcadis
600 Waterfront Dr.
Pittsburgh, PA 15222

Report Number: G582-379

Client Project: AVX-Myrtle Beach

Dear Mark Hanish,

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or services performed during this project, please call Barbara Hager at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS Environmental Services for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America, Inc.

Barbara Hager June 8. 2009

Project Manager
Barbara Hager

Date

List of Reporting Abbreviations
And Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantification Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL/CL = Reporting Limit / Control Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:
1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.
2) Uncertainty for all reported data is less than or equal to 30 percent.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-1 (1.5-2)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-1A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 11:30
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 6.63 g
%Solids: 85.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**12.6**	44.0	6.08	1	6/6/2009	J
Benzene	BQL	4.40	0.941	1	6/6/2009	
Bromobenzene	BQL	4.40	0.906	1	6/6/2009	
Bromochloromethane	BQL	4.40	1.51	1	6/6/2009	
Bromodichloromethane	BQL	4.40	0.873	1	6/6/2009	
Bromoform	BQL	4.40	0.880	1	6/6/2009	
Bromomethane	BQL	4.40	0.924	1	6/6/2009	
2-Butanone	BQL	22.0	4.78	1	6/6/2009	
n-Butylbenzene	BQL	4.40	0.840	1	6/6/2009	
sec-Butylbenzene	BQL	4.40	0.888	1	6/6/2009	
tert-Butylbenzene	BQL	4.40	0.985	1	6/6/2009	
Carbon disulfide	BQL	4.40	2.36	1	6/6/2009	
Carbon tetrachloride	BQL	4.40	0.897	1	6/6/2009	
Chlorobenzene	BQL	4.40	1.05	1	6/6/2009	
Chloroethane	BQL	4.40	1.40	1	6/6/2009	
Chloroform	BQL	4.40	1.06	1	6/6/2009	
Chloromethane	BQL	4.40	0.994	1	6/6/2009	
2-Chlorotoluene	BQL	4.40	0.888	1	6/6/2009	
4-Chlorotoluene	BQL	4.40	1.10	1	6/6/2009	
Dibromochloromethane	BQL	4.40	1.21	1	6/6/2009	
1,2-Dibromo-3-chloropropane	BQL	22.0	1.28	1	6/6/2009	
Dibromomethane	BQL	4.40	1.33	1	6/6/2009	
1,2-Dibromoethane (EDB)	BQL	4.40	0.994	1	6/6/2009	
1,2-Dichlorobenzene	BQL	4.40	1.13	1	6/6/2009	
1,3-Dichlorobenzene	BQL	4.40	1.13	1	6/6/2009	
1,4-Dichlorobenzene	BQL	4.40	0.924	1	6/6/2009	
trans-1,4-Dichloro-2-butene	BQL	22.0	1.21	1	6/6/2009	
1,1-Dichloroethane	BQL	4.40	0.932	1	6/6/2009	
1,1-Dichloroethene	BQL	4.40	1.30	1	6/6/2009	
1,2-Dichloroethane	BQL	4.40	1.16	1	6/6/2009	
cis-1,2-Dichloroethene	BQL	4.40	1.13	1	6/6/2009	
trans-1,2-dichloroethene	BQL	4.40	0.994	1	6/6/2009	
1,2-Dichloropropane	BQL	4.40	1.04	1	6/6/2009	
1,3-Dichloropropane	BQL	4.40	0.985	1	6/6/2009	
2,2-Dichloropropane	BQL	4.40	1.06	1	6/6/2009	
1,1-Dichloropropene	BQL	4.40	1.38	1	6/6/2009	
cis-1,3-Dichloropropene	BQL	4.40	0.733	1	6/6/2009	
trans-1,3-Dichloropropene	BQL	4.40	0.847	1	6/6/2009	
Dichlorodifluoromethane	BQL	4.40	1.16	1	6/6/2009	
Diisopropyl ether (DIPE)	BQL	4.40	0.994	1	6/6/2009	
Ethylbenzene	BQL	4.40	0.762	1	6/6/2009	
Hexachlorobutadiene	BQL	4.40	0.858	1	6/6/2009	
2-Hexanone	BQL	11.0	2.85	1	6/6/2009	
Iodomethane	BQL	4.40	0.950	1	6/6/2009	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-1 (1.5-2)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-1A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 11:30
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 6.63 g
%Solids: 85.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	4.40	0.781	1	6/6/2009	
4-Isopropyltoluene	BQL	4.40	0.941	1	6/6/2009	
Methylene chloride	BQL	17.6	1.05	1	6/6/2009	
4-Methyl-2-pentanone	BQL	11.0	4.07	1	6/6/2009	
Methyl-tert-butyl ether (MTBE)	BQL	4.40	0.976	1	6/6/2009	
Naphthalene	BQL	4.40	0.748	1	6/6/2009	
n-Propyl benzene	BQL	4.40	1.11	1	6/6/2009	
Styrene	BQL	4.40	0.968	1	6/6/2009	
1,1,1,2-Tetrachloroethane	BQL	4.40	0.897	1	6/6/2009	
1,1,2,2-Tetrachloroethane	BQL	4.40	0.994	1	6/6/2009	
Tetrachloroethene	BQL	4.40	0.806	1	6/6/2009	
Toluene	BQL	4.40	0.877	1	6/6/2009	
1,2,3-Trichlorobenzene	BQL	4.40	0.915	1	6/6/2009	
1,2,4-Trichlorobenzene	BQL	4.40	0.906	1	6/6/2009	
Trichloroethene	BQL	4.40	0.839	1	6/6/2009	
1,1,1-Trichloroethane	BQL	4.40	0.994	1	6/6/2009	
1,1,2-Trichloroethane	BQL	4.40	1.44	1	6/6/2009	
Trichlorofluoromethane	BQL	4.40	0.906	1	6/6/2009	
1,2,3-Trichloropropane	BQL	4.40	1.09	1	6/6/2009	
1,2,4-Trimethylbenzene	BQL	4.40	1.11	1	6/6/2009	
1,3,5-Trimethylbenzene	BQL	4.40	1.00	1	6/6/2009	
Vinyl chloride	BQL	4.40	1.20	1	6/6/2009	
m-,p-Xylene	BQL	8.80	1.69	1	6/6/2009	
o-Xylene	BQL	4.40	0.852	1	6/6/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	64.2	128
Toluene-d8	50	48.2	96
4-Bromofluorobenzene	50	47.9	96

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-2 (1-1.5)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-2A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 11:40
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 6.36 g
%Solids: 86.9

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**7.14**	45.2	6.24	1	6/6/2009	J
Benzene	BQL	4.52	0.966	1	6/6/2009	
Bromobenzene	BQL	4.52	0.930	1	6/6/2009	
Bromochloromethane	BQL	4.52	1.55	1	6/6/2009	
Bromodichloromethane	BQL	4.52	0.896	1	6/6/2009	
Bromoform	BQL	4.52	0.903	1	6/6/2009	
Bromomethane	BQL	4.52	0.948	1	6/6/2009	
2-Butanone	BQL	22.6	4.90	1	6/6/2009	
n-Butylbenzene	BQL	4.52	0.863	1	6/6/2009	
sec-Butylbenzene	BQL	4.52	0.912	1	6/6/2009	
tert-Butylbenzene	BQL	4.52	1.01	1	6/6/2009	
Carbon disulfide	BQL	4.52	2.42	1	6/6/2009	
Carbon tetrachloride	BQL	4.52	0.921	1	6/6/2009	
Chlorobenzene	BQL	4.52	1.07	1	6/6/2009	
Chloroethane	BQL	4.52	1.44	1	6/6/2009	
Chloroform	BQL	4.52	1.08	1	6/6/2009	
Chloromethane	BQL	4.52	1.02	1	6/6/2009	
2-Chlorotoluene	BQL	4.52	0.912	1	6/6/2009	
4-Chlorotoluene	BQL	4.52	1.13	1	6/6/2009	
Dibromochloromethane	BQL	4.52	1.25	1	6/6/2009	
1,2-Dibromo-3-chloropropane	BQL	22.6	1.31	1	6/6/2009	
Dibromomethane	BQL	4.52	1.36	1	6/6/2009	
1,2-Dibromoethane (EDB)	BQL	4.52	1.02	1	6/6/2009	
1,2-Dichlorobenzene	BQL	4.52	1.17	1	6/6/2009	
1,3-Dichlorobenzene	BQL	4.52	1.16	1	6/6/2009	
1,4-Dichlorobenzene	BQL	4.52	0.948	1	6/6/2009	
trans-1,4-Dichloro-2-butene	BQL	22.6	1.25	1	6/6/2009	
1,1-Dichloroethane	BQL	4.52	0.957	1	6/6/2009	
1,1-Dichloroethene	BQL	4.52	1.34	1	6/6/2009	
1,2-Dichloroethane	BQL	4.52	1.19	1	6/6/2009	
cis-1,2-Dichloroethene	BQL	4.52	1.16	1	6/6/2009	
trans-1,2-dichloroethene	BQL	4.52	1.02	1	6/6/2009	
1,2-Dichloropropane	BQL	4.52	1.07	1	6/6/2009	
1,3-Dichloropropane	BQL	4.52	1.01	1	6/6/2009	
2,2-Dichloropropane	BQL	4.52	1.08	1	6/6/2009	
1,1-Dichloropropene	BQL	4.52	1.42	1	6/6/2009	
cis-1,3-Dichloropropene	BQL	4.52	0.752	1	6/6/2009	
trans-1,3-Dichloropropene	BQL	4.52	0.870	1	6/6/2009	
Dichlorodifluoromethane	BQL	4.52	1.19	1	6/6/2009	
Diisopropyl ether (DIPE)	BQL	4.52	1.02	1	6/6/2009	
Ethylbenzene	BQL	4.52	0.782	1	6/6/2009	
Hexachlorobutadiene	BQL	4.52	0.881	1	6/6/2009	
2-Hexanone	BQL	11.3	2.93	1	6/6/2009	
Iodomethane	BQL	4.52	0.976	1	6/6/2009	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-2 (1-1.5)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-2A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 11:40
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 6.36 g
%Solids: 86.9

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	4.52	0.802	1	6/6/2009	
4-Isopropyltoluene	BQL	4.52	0.966	1	6/6/2009	
Methylene chloride	BQL	18.1	1.07	1	6/6/2009	
4-Methyl-2-pentanone	BQL	11.3	4.18	1	6/6/2009	
Methyl-tert-butyl ether (MTBE)	BQL	4.52	1.00	1	6/6/2009	
Naphthalene	BQL	4.52	0.768	1	6/6/2009	
n-Propyl benzene	BQL	4.52	1.14	1	6/6/2009	
Styrene	BQL	4.52	0.994	1	6/6/2009	
1,1,1,2-Tetrachloroethane	BQL	4.52	0.921	1	6/6/2009	
1,1,2,2-Tetrachloroethane	BQL	4.52	1.02	1	6/6/2009	
Tetrachloroethene	BQL	4.52	0.827	1	6/6/2009	
Toluene	BQL	4.52	0.901	1	6/6/2009	
1,2,3-Trichlorobenzene	BQL	4.52	0.939	1	6/6/2009	
1,2,4-Trichlorobenzene	BQL	4.52	0.930	1	6/6/2009	
Trichloroethene	BQL	4.52	0.862	1	6/6/2009	
1,1,1-Trichloroethane	BQL	4.52	1.02	1	6/6/2009	
1,1,2-Trichloroethane	BQL	4.52	1.48	1	6/6/2009	
Trichlorofluoromethane	BQL	4.52	0.930	1	6/6/2009	
1,2,3-Trichloropropane	BQL	4.52	1.12	1	6/6/2009	
1,2,4-Trimethylbenzene	BQL	4.52	1.14	1	6/6/2009	
1,3,5-Trimethylbenzene	BQL	4.52	1.03	1	6/6/2009	
Vinyl chloride	BQL	4.52	1.23	1	6/6/2009	
m-,p-Xylene	BQL	9.03	1.73	1	6/6/2009	
o-Xylene	BQL	4.52	0.875	1	6/6/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	64.7	129
Toluene-d8	50	48.2	96
4-Bromofluorobenzene	50	48.5	97

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-3 (1.5-2)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-3A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 11:50
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 6.38 g
%Solids: 86.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**18.8**	45.3	6.26	1	6/6/2009	J
Benzene	BQL	4.53	0.969	1	6/6/2009	
Bromobenzene	BQL	4.53	0.933	1	6/6/2009	
Bromochloromethane	BQL	4.53	1.56	1	6/6/2009	
Bromodichloromethane	BQL	4.53	0.898	1	6/6/2009	
Bromoform	BQL	4.53	0.905	1	6/6/2009	
Bromomethane	BQL	4.53	0.951	1	6/6/2009	
2-Butanone	BQL	22.6	4.92	1	6/6/2009	
n-Butylbenzene	BQL	4.53	0.865	1	6/6/2009	
sec-Butylbenzene	BQL	4.53	0.914	1	6/6/2009	
tert-Butylbenzene	BQL	4.53	1.01	1	6/6/2009	
Carbon disulfide	BQL	4.53	2.43	1	6/6/2009	
Carbon tetrachloride	BQL	4.53	0.923	1	6/6/2009	
Chlorobenzene	BQL	4.53	1.08	1	6/6/2009	
Chloroethane	BQL	4.53	1.44	1	6/6/2009	
Chloroform	BQL	4.53	1.09	1	6/6/2009	
Chloromethane	BQL	4.53	1.02	1	6/6/2009	
2-Chlorotoluene	BQL	4.53	0.914	1	6/6/2009	
4-Chlorotoluene	BQL	4.53	1.13	1	6/6/2009	
Dibromochloromethane	BQL	4.53	1.25	1	6/6/2009	
1,2-Dibromo-3-chloropropane	BQL	22.6	1.31	1	6/6/2009	
Dibromomethane	BQL	4.53	1.37	1	6/6/2009	
1,2-Dibromoethane (EDB)	BQL	4.53	1.02	1	6/6/2009	
1,2-Dichlorobenzene	BQL	4.53	1.17	1	6/6/2009	
1,3-Dichlorobenzene	BQL	4.53	1.16	1	6/6/2009	
1,4-Dichlorobenzene	BQL	4.53	0.951	1	6/6/2009	
trans-1,4-Dichloro-2-butene	BQL	22.6	1.25	1	6/6/2009	
1,1-Dichloroethane	BQL	4.53	0.960	1	6/6/2009	
1,1-Dichloroethene	**27.4**	4.53	1.34	1	6/6/2009	
1,2-Dichloroethane	BQL	4.53	1.20	1	6/6/2009	
cis-1,2-Dichloroethene	BQL	4.53	1.16	1	6/6/2009	
trans-1,2-dichloroethene	BQL	4.53	1.02	1	6/6/2009	
1,2-Dichloropropane	BQL	4.53	1.07	1	6/6/2009	
1,3-Dichloropropane	BQL	4.53	1.01	1	6/6/2009	
2,2-Dichloropropane	BQL	4.53	1.09	1	6/6/2009	
1,1-Dichloropropene	BQL	4.53	1.42	1	6/6/2009	
cis-1,3-Dichloropropene	BQL	4.53	0.754	1	6/6/2009	
trans-1,3-Dichloropropene	BQL	4.53	0.872	1	6/6/2009	
Dichlorodifluoromethane	BQL	4.53	1.20	1	6/6/2009	
Diisopropyl ether (DIPE)	BQL	4.53	1.02	1	6/6/2009	
Ethylbenzene	BQL	4.53	0.784	1	6/6/2009	
Hexachlorobutadiene	BQL	4.53	0.883	1	6/6/2009	
2-Hexanone	BQL	11.3	2.93	1	6/6/2009	
Iodomethane	BQL	4.53	0.978	1	6/6/2009	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-3 (1.5-2)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-3A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 11:50
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 6.38 g
%Solids: 86.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	4.53	0.804	1	6/6/2009	
4-Isopropyltoluene	BQL	4.53	0.969	1	6/6/2009	
Methylene chloride	BQL	18.1	1.08	1	6/6/2009	
4-Methyl-2-pentanone	BQL	11.3	4.19	1	6/6/2009	
Methyl-tert-butyl ether (MTBE)	BQL	4.53	1.00	1	6/6/2009	
Naphthalene	BQL	4.53	0.770	1	6/6/2009	
n-Propyl benzene	BQL	4.53	1.14	1	6/6/2009	
Styrene	BQL	4.53	0.996	1	6/6/2009	
1,1,1,2-Tetrachloroethane	BQL	4.53	0.923	1	6/6/2009	
1,1,2,2-Tetrachloroethane	BQL	4.53	1.02	1	6/6/2009	
Tetrachloroethene	BQL	4.53	0.829	1	6/6/2009	
Toluene	BQL	4.53	0.903	1	6/6/2009	
1,2,3-Trichlorobenzene	BQL	4.53	0.942	1	6/6/2009	
1,2,4-Trichlorobenzene	BQL	4.53	0.933	1	6/6/2009	
Trichloroethene	BQL	4.53	0.864	1	6/6/2009	
1,1,1-Trichloroethane	BQL	4.53	1.02	1	6/6/2009	
1,1,2-Trichloroethane	BQL	4.53	1.48	1	6/6/2009	
Trichlorofluoromethane	BQL	4.53	0.933	1	6/6/2009	
1,2,3-Trichloropropane	BQL	4.53	1.12	1	6/6/2009	
1,2,4-Trimethylbenzene	BQL	4.53	1.14	1	6/6/2009	
1,3,5-Trimethylbenzene	BQL	4.53	1.03	1	6/6/2009	
Vinyl chloride	**7.74**	4.53	1.23	1	6/6/2009	
m-,p-Xylene	BQL	9.05	1.74	1	6/6/2009	
o-Xylene	BQL	4.53	0.877	1	6/6/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	63.5	127
Toluene-d8	50	48.6	97
4-Bromofluorobenzene	50	49	98

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-4 (1.5-2)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-4A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 12:00
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 6.71 g
%Solids: 84.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**24.4**	44.0	6.08	1	6/6/2009	J
Benzene	BQL	4.40	0.941	1	6/6/2009	
Bromobenzene	BQL	4.40	0.906	1	6/6/2009	
Bromochloromethane	BQL	4.40	1.51	1	6/6/2009	
Bromodichloromethane	BQL	4.40	0.873	1	6/6/2009	
Bromoform	BQL	4.40	0.880	1	6/6/2009	
Bromomethane	BQL	4.40	0.924	1	6/6/2009	
2-Butanone	BQL	22.0	4.78	1	6/6/2009	
n-Butylbenzene	BQL	4.40	0.840	1	6/6/2009	
sec-Butylbenzene	BQL	4.40	0.888	1	6/6/2009	
tert-Butylbenzene	BQL	4.40	0.985	1	6/6/2009	
Carbon disulfide	BQL	4.40	2.36	1	6/6/2009	
Carbon tetrachloride	BQL	4.40	0.897	1	6/6/2009	
Chlorobenzene	BQL	4.40	1.05	1	6/6/2009	
Chloroethane	BQL	4.40	1.40	1	6/6/2009	
Chloroform	BQL	4.40	1.06	1	6/6/2009	
Chloromethane	BQL	4.40	0.994	1	6/6/2009	
2-Chlorotoluene	BQL	4.40	0.888	1	6/6/2009	
4-Chlorotoluene	BQL	4.40	1.10	1	6/6/2009	
Dibromochloromethane	BQL	4.40	1.21	1	6/6/2009	
1,2-Dibromo-3-chloropropane	BQL	22.0	1.28	1	6/6/2009	
Dibromomethane	BQL	4.40	1.33	1	6/6/2009	
1,2-Dibromoethane (EDB)	BQL	4.40	0.994	1	6/6/2009	
1,2-Dichlorobenzene	BQL	4.40	1.13	1	6/6/2009	
1,3-Dichlorobenzene	BQL	4.40	1.13	1	6/6/2009	
1,4-Dichlorobenzene	BQL	4.40	0.924	1	6/6/2009	
trans-1,4-Dichloro-2-butene	BQL	22.0	1.21	1	6/6/2009	
1,1-Dichloroethane	BQL	4.40	0.932	1	6/6/2009	
1,1-Dichloroethene	BQL	4.40	1.30	1	6/6/2009	
1,2-Dichloroethane	BQL	4.40	1.16	1	6/6/2009	
cis-1,2-Dichloroethene	BQL	4.40	1.13	1	6/6/2009	
trans-1,2-dichloroethene	BQL	4.40	0.994	1	6/6/2009	
1,2-Dichloropropane	BQL	4.40	1.04	1	6/6/2009	
1,3-Dichloropropane	BQL	4.40	0.985	1	6/6/2009	
2,2-Dichloropropane	BQL	4.40	1.06	1	6/6/2009	
1,1-Dichloropropene	BQL	4.40	1.38	1	6/6/2009	
cis-1,3-Dichloropropene	BQL	4.40	0.733	1	6/6/2009	
trans-1,3-Dichloropropene	BQL	4.40	0.847	1	6/6/2009	
Dichlorodifluoromethane	BQL	4.40	1.16	1	6/6/2009	
Diisopropyl ether (DIPE)	BQL	4.40	0.994	1	6/6/2009	
Ethylbenzene	BQL	4.40	0.762	1	6/6/2009	
Hexachlorobutadiene	BQL	4.40	0.858	1	6/6/2009	
2-Hexanone	BQL	11.0	2.85	1	6/6/2009	
Iodomethane	BQL	4.40	0.950	1	6/6/2009	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-4 (1.5-2)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-4A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 12:00
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 6.71 g
%Solids: 84.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	4.40	0.781	1	6/6/2009	
4-Isopropyltoluene	BQL	4.40	0.941	1	6/6/2009	
Methylene chloride	BQL	17.6	1.05	1	6/6/2009	
4-Methyl-2-pentanone	BQL	11.0	4.07	1	6/6/2009	
Methyl-tert-butyl ether (MTBE)	BQL	4.40	0.976	1	6/6/2009	
Naphthalene	BQL	4.40	0.748	1	6/6/2009	
n-Propyl benzene	BQL	4.40	1.11	1	6/6/2009	
Styrene	BQL	4.40	0.968	1	6/6/2009	
1,1,1,2-Tetrachloroethane	BQL	4.40	0.897	1	6/6/2009	
1,1,2,2-Tetrachloroethane	BQL	4.40	0.994	1	6/6/2009	
Tetrachloroethene	BQL	4.40	0.806	1	6/6/2009	
Toluene	BQL	4.40	0.877	1	6/6/2009	
1,2,3-Trichlorobenzene	BQL	4.40	0.915	1	6/6/2009	
1,2,4-Trichlorobenzene	BQL	4.40	0.906	1	6/6/2009	
Trichloroethene	BQL	4.40	0.839	1	6/6/2009	
1,1,1-Trichloroethane	BQL	4.40	0.994	1	6/6/2009	
1,1,2-Trichloroethane	BQL	4.40	1.44	1	6/6/2009	
Trichlorofluoromethane	BQL	4.40	0.906	1	6/6/2009	
1,2,3-Trichloropropane	BQL	4.40	1.09	1	6/6/2009	
1,2,4-Trimethylbenzene	BQL	4.40	1.11	1	6/6/2009	
1,3,5-Trimethylbenzene	BQL	4.40	1.00	1	6/6/2009	
Vinyl chloride	BQL	4.40	1.20	1	6/6/2009	
m-,p-Xylene	BQL	8.80	1.69	1	6/6/2009	
o-Xylene	BQL	4.40	0.852	1	6/6/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	63.2	126
Toluene-d8	50	48.2	96
4-Bromofluorobenzene	50	45.6	91

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-5 (1.5-2)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-5A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 12:10
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 6.42 g
%Solids: 88.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**26.0**	44.1	6.10	1	6/6/2009	J
Benzene	BQL	4.41	0.945	1	6/6/2009	
Bromobenzene	BQL	4.41	0.909	1	6/6/2009	
Bromochloromethane	BQL	4.41	1.52	1	6/6/2009	
Bromodichloromethane	BQL	4.41	0.876	1	6/6/2009	
Bromoform	BQL	4.41	0.883	1	6/6/2009	
Bromomethane	BQL	4.41	0.927	1	6/6/2009	
2-Butanone	BQL	22.1	4.79	1	6/6/2009	
n-Butylbenzene	BQL	4.41	0.843	1	6/6/2009	
sec-Butylbenzene	BQL	4.41	0.892	1	6/6/2009	
tert-Butylbenzene	BQL	4.41	0.989	1	6/6/2009	
Carbon disulfide	BQL	4.41	2.37	1	6/6/2009	
Carbon tetrachloride	BQL	4.41	0.900	1	6/6/2009	
Chlorobenzene	BQL	4.41	1.05	1	6/6/2009	
Chloroethane	BQL	4.41	1.40	1	6/6/2009	
Chloroform	BQL	4.41	1.06	1	6/6/2009	
Chloromethane	BQL	4.41	0.998	1	6/6/2009	
2-Chlorotoluene	BQL	4.41	0.892	1	6/6/2009	
4-Chlorotoluene	BQL	4.41	1.10	1	6/6/2009	
Dibromochloromethane	BQL	4.41	1.22	1	6/6/2009	
1,2-Dibromo-3-chloropropane	BQL	22.1	1.28	1	6/6/2009	
Dibromomethane	BQL	4.41	1.33	1	6/6/2009	
1,2-Dibromoethane (EDB)	BQL	4.41	0.998	1	6/6/2009	
1,2-Dichlorobenzene	BQL	4.41	1.14	1	6/6/2009	
1,3-Dichlorobenzene	BQL	4.41	1.13	1	6/6/2009	
1,4-Dichlorobenzene	BQL	4.41	0.927	1	6/6/2009	
trans-1,4-Dichloro-2-butene	BQL	22.1	1.22	1	6/6/2009	
1,1-Dichloroethane	BQL	4.41	0.936	1	6/6/2009	
1,1-Dichloroethene	BQL	4.41	1.31	1	6/6/2009	
1,2-Dichloroethane	BQL	4.41	1.17	1	6/6/2009	
cis-1,2-Dichloroethene	BQL	4.41	1.13	1	6/6/2009	
trans-1,2-dichloroethene	BQL	4.41	0.998	1	6/6/2009	
1,2-Dichloropropane	BQL	4.41	1.04	1	6/6/2009	
1,3-Dichloropropane	BQL	4.41	0.989	1	6/6/2009	
2,2-Dichloropropane	BQL	4.41	1.06	1	6/6/2009	
1,1-Dichloropropene	BQL	4.41	1.39	1	6/6/2009	
cis-1,3-Dichloropropene	BQL	4.41	0.735	1	6/6/2009	
trans-1,3-Dichloropropene	BQL	4.41	0.850	1	6/6/2009	
Dichlorodifluoromethane	BQL	4.41	1.17	1	6/6/2009	
Diisopropyl ether (DIPE)	BQL	4.41	0.998	1	6/6/2009	
Ethylbenzene	BQL	4.41	0.765	1	6/6/2009	
Hexachlorobutadiene	BQL	4.41	0.861	1	6/6/2009	
2-Hexanone	BQL	11.0	2.86	1	6/6/2009	
Iodomethane	BQL	4.41	0.953	1	6/6/2009	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-5 (1.5-2)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-5A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 12:10
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 6.42 g
%Solids: 88.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	4.41	0.784	1	6/6/2009	
4-Isopropyltoluene	BQL	4.41	0.945	1	6/6/2009	
Methylene chloride	BQL	17.7	1.05	1	6/6/2009	
4-Methyl-2-pentanone	BQL	11.0	4.09	1	6/6/2009	
Methyl-tert-butyl ether (MTBE)	BQL	4.41	0.980	1	6/6/2009	
Naphthalene	BQL	4.41	0.750	1	6/6/2009	
n-Propyl benzene	BQL	4.41	1.11	1	6/6/2009	
Styrene	BQL	4.41	0.971	1	6/6/2009	
1,1,1,2-Tetrachloroethane	BQL	4.41	0.900	1	6/6/2009	
1,1,2,2-Tetrachloroethane	BQL	4.41	0.998	1	6/6/2009	
Tetrachloroethene	BQL	4.41	0.809	1	6/6/2009	
Toluene	BQL	4.41	0.880	1	6/6/2009	
1,2,3-Trichlorobenzene	BQL	4.41	0.918	1	6/6/2009	
1,2,4-Trichlorobenzene	BQL	4.41	0.909	1	6/6/2009	
Trichloroethene	BQL	4.41	0.842	1	6/6/2009	
1,1,1-Trichloroethane	BQL	4.41	0.998	1	6/6/2009	
1,1,2-Trichloroethane	BQL	4.41	1.45	1	6/6/2009	
Trichlorofluoromethane	BQL	4.41	0.909	1	6/6/2009	
1,2,3-Trichloropropane	BQL	4.41	1.09	1	6/6/2009	
1,2,4-Trimethylbenzene	BQL	4.41	1.11	1	6/6/2009	
1,3,5-Trimethylbenzene	BQL	4.41	1.01	1	6/6/2009	
Vinyl chloride	BQL	4.41	1.20	1	6/6/2009	
m-,p-Xylene	BQL	8.83	1.70	1	6/6/2009	
o-Xylene	BQL	4.41	0.855	1	6/6/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	64.5	129
Toluene-d8	50	49.2	98
4-Bromofluorobenzene	50	48.9	98

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-6 (1.5-2)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-6A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 12:20
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 7.28 g
%Solids: 80.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**11.3**	42.5	5.87	1	6/6/2009	J
Benzene	BQL	4.25	0.909	1	6/6/2009	
Bromobenzene	BQL	4.25	0.875	1	6/6/2009	
Bromochloromethane	BQL	4.25	1.46	1	6/6/2009	
Bromodichloromethane	BQL	4.25	0.843	1	6/6/2009	
Bromoform	BQL	4.25	0.850	1	6/6/2009	
Bromomethane	BQL	4.25	0.892	1	6/6/2009	
2-Butanone	BQL	21.2	4.61	1	6/6/2009	
n-Butylbenzene	BQL	4.25	0.811	1	6/6/2009	
sec-Butylbenzene	BQL	4.25	0.858	1	6/6/2009	
tert-Butylbenzene	BQL	4.25	0.952	1	6/6/2009	
Carbon disulfide	BQL	4.25	2.28	1	6/6/2009	
Carbon tetrachloride	BQL	4.25	0.867	1	6/6/2009	
Chlorobenzene	BQL	4.25	1.01	1	6/6/2009	
Chloroethane	BQL	4.25	1.35	1	6/6/2009	
Chloroform	BQL	4.25	1.02	1	6/6/2009	
Chloromethane	BQL	4.25	0.960	1	6/6/2009	
2-Chlorotoluene	BQL	4.25	0.858	1	6/6/2009	
4-Chlorotoluene	BQL	4.25	1.06	1	6/6/2009	
Dibromochloromethane	BQL	4.25	1.17	1	6/6/2009	
1,2-Dibromo-3-chloropropane	BQL	21.2	1.23	1	6/6/2009	
Dibromomethane	BQL	4.25	1.28	1	6/6/2009	
1,2-Dibromoethane (EDB)	BQL	4.25	0.960	1	6/6/2009	
1,2-Dichlorobenzene	BQL	4.25	1.10	1	6/6/2009	
1,3-Dichlorobenzene	BQL	4.25	1.09	1	6/6/2009	
1,4-Dichlorobenzene	BQL	4.25	0.892	1	6/6/2009	
trans-1,4-Dichloro-2-butene	BQL	21.2	1.17	1	6/6/2009	
1,1-Dichloroethane	BQL	4.25	0.901	1	6/6/2009	
1,1-Dichloroethene	BQL	4.25	1.26	1	6/6/2009	
1,2-Dichloroethane	BQL	4.25	1.12	1	6/6/2009	
cis-1,2-Dichloroethene	BQL	4.25	1.09	1	6/6/2009	
trans-1,2-dichloroethene	BQL	4.25	0.960	1	6/6/2009	
1,2-Dichloropropane	BQL	4.25	1.00	1	6/6/2009	
1,3-Dichloropropane	BQL	4.25	0.952	1	6/6/2009	
2,2-Dichloropropane	BQL	4.25	1.02	1	6/6/2009	
1,1-Dichloropropene	BQL	4.25	1.33	1	6/6/2009	
cis-1,3-Dichloropropene	BQL	4.25	0.708	1	6/6/2009	
trans-1,3-Dichloropropene	BQL	4.25	0.818	1	6/6/2009	
Dichlorodifluoromethane	BQL	4.25	1.12	1	6/6/2009	
Diisopropyl ether (DIPE)	BQL	4.25	0.960	1	6/6/2009	
Ethylbenzene	BQL	4.25	0.736	1	6/6/2009	
Hexachlorobutadiene	BQL	4.25	0.828	1	6/6/2009	
2-Hexanone	BQL	10.6	2.75	1	6/6/2009	
Iodomethane	BQL	4.25	0.918	1	6/6/2009	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-6 (1.5-2)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-6A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 12:20
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 7.28 g
%Solids: 80.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	4.25	0.754	1	6/6/2009	
4-Isopropyltoluene	BQL	4.25	0.909	1	6/6/2009	
Methylene chloride	BQL	17.0	1.01	1	6/6/2009	
4-Methyl-2-pentanone	BQL	10.6	3.93	1	6/6/2009	
Methyl-tert-butyl ether (MTBE)	BQL	4.25	0.943	1	6/6/2009	
Naphthalene	BQL	4.25	0.722	1	6/6/2009	
n-Propyl benzene	BQL	4.25	1.07	1	6/6/2009	
Styrene	BQL	4.25	0.935	1	6/6/2009	
1,1,1,2-Tetrachloroethane	BQL	4.25	0.867	1	6/6/2009	
1,1,2,2-Tetrachloroethane	BQL	4.25	0.960	1	6/6/2009	
Tetrachloroethene	BQL	4.25	0.778	1	6/6/2009	
Toluene	BQL	4.25	0.847	1	6/6/2009	
1,2,3-Trichlorobenzene	BQL	4.25	0.884	1	6/6/2009	
1,2,4-Trichlorobenzene	BQL	4.25	0.875	1	6/6/2009	
Trichloroethene	BQL	4.25	0.811	1	6/6/2009	
1,1,1-Trichloroethane	BQL	4.25	0.960	1	6/6/2009	
1,1,2-Trichloroethane	BQL	4.25	1.39	1	6/6/2009	
Trichlorofluoromethane	BQL	4.25	0.875	1	6/6/2009	
1,2,3-Trichloropropane	BQL	4.25	1.05	1	6/6/2009	
1,2,4-Trimethylbenzene	BQL	4.25	1.07	1	6/6/2009	
1,3,5-Trimethylbenzene	BQL	4.25	0.969	1	6/6/2009	
Vinyl chloride	BQL	4.25	1.16	1	6/6/2009	
m-,p-Xylene	BQL	8.50	1.63	1	6/6/2009	
o-Xylene	BQL	4.25	0.823	1	6/6/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	65.4	131
Toluene-d8	50	48.7	97
4-Bromofluorobenzene	50	48.4	97

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-7 (1.5-2)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-7A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 12:30
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 6.40 g
%Solids: 87.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**24.5**	44.4	6.14	1	6/6/2009	J
Benzene	BQL	4.44	0.951	1	6/6/2009	
Bromobenzene	BQL	4.44	0.915	1	6/6/2009	
Bromochloromethane	BQL	4.44	1.53	1	6/6/2009	
Bromodichloromethane	BQL	4.44	0.881	1	6/6/2009	
Bromoform	BQL	4.44	0.889	1	6/6/2009	
Bromomethane	BQL	4.44	0.933	1	6/6/2009	
2-Butanone	BQL	22.2	4.82	1	6/6/2009	
n-Butylbenzene	BQL	4.44	0.849	1	6/6/2009	
sec-Butylbenzene	BQL	4.44	0.897	1	6/6/2009	
tert-Butylbenzene	BQL	4.44	0.995	1	6/6/2009	
Carbon disulfide	BQL	4.44	2.38	1	6/6/2009	
Carbon tetrachloride	BQL	4.44	0.906	1	6/6/2009	
Chlorobenzene	BQL	4.44	1.06	1	6/6/2009	
Chloroethane	BQL	4.44	1.41	1	6/6/2009	
Chloroform	BQL	4.44	1.07	1	6/6/2009	
Chloromethane	BQL	4.44	1.00	1	6/6/2009	
2-Chlorotoluene	BQL	4.44	0.897	1	6/6/2009	
4-Chlorotoluene	BQL	4.44	1.11	1	6/6/2009	
Dibromochloromethane	BQL	4.44	1.23	1	6/6/2009	
1,2-Dibromo-3-chloropropane	BQL	22.2	1.29	1	6/6/2009	
Dibromomethane	BQL	4.44	1.34	1	6/6/2009	
1,2-Dibromoethane (EDB)	BQL	4.44	1.00	1	6/6/2009	
1,2-Dichlorobenzene	BQL	4.44	1.15	1	6/6/2009	
1,3-Dichlorobenzene	BQL	4.44	1.14	1	6/6/2009	
1,4-Dichlorobenzene	BQL	4.44	0.933	1	6/6/2009	
trans-1,4-Dichloro-2-butene	BQL	22.2	1.23	1	6/6/2009	
1,1-Dichloroethane	BQL	4.44	0.942	1	6/6/2009	
1,1-Dichloroethene	BQL	4.44	1.32	1	6/6/2009	
1,2-Dichloroethane	BQL	4.44	1.17	1	6/6/2009	
cis-1,2-Dichloroethene	BQL	4.44	1.14	1	6/6/2009	
trans-1,2-dichloroethene	BQL	4.44	1.00	1	6/6/2009	
1,2-Dichloropropane	BQL	4.44	1.05	1	6/6/2009	
1,3-Dichloropropane	BQL	4.44	0.995	1	6/6/2009	
2,2-Dichloropropane	BQL	4.44	1.07	1	6/6/2009	
1,1-Dichloropropene	BQL	4.44	1.39	1	6/6/2009	
cis-1,3-Dichloropropene	BQL	4.44	0.740	1	6/6/2009	
trans-1,3-Dichloropropene	BQL	4.44	0.856	1	6/6/2009	
Dichlorodifluoromethane	BQL	4.44	1.17	1	6/6/2009	
Diisopropyl ether (DIPE)	BQL	4.44	1.00	1	6/6/2009	
Ethylbenzene	BQL	4.44	0.769	1	6/6/2009	
Hexachlorobutadiene	BQL	4.44	0.866	1	6/6/2009	
2-Hexanone	BQL	11.1	2.88	1	6/6/2009	
Iodomethane	BQL	4.44	0.960	1	6/6/2009	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-7 (1.5-2)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-7A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 12:30
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 6.40 g
%Solids: 87.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	4.44	0.789	1	6/6/2009	
4-Isopropyltoluene	BQL	4.44	0.951	1	6/6/2009	
Methylene chloride	BQL	17.8	1.06	1	6/6/2009	
4-Methyl-2-pentanone	BQL	11.1	4.11	1	6/6/2009	
Methyl-tert-butyl ether (MTBE)	BQL	4.44	0.986	1	6/6/2009	
Naphthalene	BQL	4.44	0.755	1	6/6/2009	
n-Propyl benzene	BQL	4.44	1.12	1	6/6/2009	
Styrene	BQL	4.44	0.977	1	6/6/2009	
1,1,1,2-Tetrachloroethane	BQL	4.44	0.906	1	6/6/2009	
1,1,2,2-Tetrachloroethane	BQL	4.44	1.00	1	6/6/2009	
Tetrachloroethene	BQL	4.44	0.814	1	6/6/2009	
Toluene	BQL	4.44	0.886	1	6/6/2009	
1,2,3-Trichlorobenzene	BQL	4.44	0.924	1	6/6/2009	
1,2,4-Trichlorobenzene	BQL	4.44	0.915	1	6/6/2009	
Trichloroethene	BQL	4.44	0.848	1	6/6/2009	
1,1,1-Trichloroethane	BQL	4.44	1.00	1	6/6/2009	
1,1,2-Trichloroethane	BQL	4.44	1.46	1	6/6/2009	
Trichlorofluoromethane	BQL	4.44	0.915	1	6/6/2009	
1,2,3-Trichloropropane	BQL	4.44	1.10	1	6/6/2009	
1,2,4-Trimethylbenzene	BQL	4.44	1.12	1	6/6/2009	
1,3,5-Trimethylbenzene	BQL	4.44	1.01	1	6/6/2009	
Vinyl chloride	BQL	4.44	1.21	1	6/6/2009	
m-,p-Xylene	BQL	8.89	1.71	1	6/6/2009	
o-Xylene	BQL	4.44	0.861	1	6/6/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	63.6	127
Toluene-d8	50	48.4	97
4-Bromofluorobenzene	50	47.8	96

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-8 (1.5-2)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-8A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 12:40
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 6.92 g
%Solids: 86.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**14.7**	41.5	5.74	1	6/6/2009	J
Benzene	BQL	4.15	0.889	1	6/6/2009	
Bromobenzene	BQL	4.15	0.856	1	6/6/2009	
Bromochloromethane	BQL	4.15	1.43	1	6/6/2009	
Bromodichloromethane	BQL	4.15	0.824	1	6/6/2009	
Bromoform	BQL	4.15	0.831	1	6/6/2009	
Bromomethane	BQL	4.15	0.872	1	6/6/2009	
2-Butanone	BQL	20.8	4.51	1	6/6/2009	
n-Butylbenzene	BQL	4.15	0.793	1	6/6/2009	
sec-Butylbenzene	BQL	4.15	0.839	1	6/6/2009	
tert-Butylbenzene	BQL	4.15	0.931	1	6/6/2009	
Carbon disulfide	BQL	4.15	2.23	1	6/6/2009	
Carbon tetrachloride	BQL	4.15	0.847	1	6/6/2009	
Chlorobenzene	BQL	4.15	0.989	1	6/6/2009	
Chloroethane	BQL	4.15	1.32	1	6/6/2009	
Chloroform	BQL	4.15	0.997	1	6/6/2009	
Chloromethane	BQL	4.15	0.939	1	6/6/2009	
2-Chlorotoluene	BQL	4.15	0.839	1	6/6/2009	
4-Chlorotoluene	BQL	4.15	1.04	1	6/6/2009	
Dibromochloromethane	BQL	4.15	1.15	1	6/6/2009	
1,2-Dibromo-3-chloropropane	BQL	20.8	1.20	1	6/6/2009	
Dibromomethane	BQL	4.15	1.25	1	6/6/2009	
1,2-Dibromoethane (EDB)	BQL	4.15	0.939	1	6/6/2009	
1,2-Dichlorobenzene	BQL	4.15	1.07	1	6/6/2009	
1,3-Dichlorobenzene	BQL	4.15	1.06	1	6/6/2009	
1,4-Dichlorobenzene	BQL	4.15	0.872	1	6/6/2009	
trans-1,4-Dichloro-2-butene	BQL	20.8	1.15	1	6/6/2009	
1,1-Dichloroethane	BQL	4.15	0.881	1	6/6/2009	
1,1-Dichloroethene	BQL	4.15	1.23	1	6/6/2009	
1,2-Dichloroethane	BQL	4.15	1.10	1	6/6/2009	
cis-1,2-Dichloroethene	BQL	4.15	1.06	1	6/6/2009	
trans-1,2-dichloroethene	BQL	4.15	0.939	1	6/6/2009	
1,2-Dichloropropane	BQL	4.15	0.980	1	6/6/2009	
1,3-Dichloropropane	BQL	4.15	0.931	1	6/6/2009	
2,2-Dichloropropane	BQL	4.15	0.997	1	6/6/2009	
1,1-Dichloropropene	BQL	4.15	1.30	1	6/6/2009	
cis-1,3-Dichloropropene	BQL	4.15	0.692	1	6/6/2009	
trans-1,3-Dichloropropene	BQL	4.15	0.800	1	6/6/2009	
Dichlorodifluoromethane	BQL	4.15	1.10	1	6/6/2009	
Diisopropyl ether (DIPE)	BQL	4.15	0.939	1	6/6/2009	
Ethylbenzene	BQL	4.15	0.720	1	6/6/2009	
Hexachlorobutadiene	BQL	4.15	0.810	1	6/6/2009	
2-Hexanone	BQL	10.4	2.69	1	6/6/2009	
Iodomethane	BQL	4.15	0.897	1	6/6/2009	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-8 (1.5-2)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-8A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 12:40
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 6.92 g
%Solids: 86.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	4.15	0.738	1	6/6/2009	
4-Isopropyltoluene	BQL	4.15	0.889	1	6/6/2009	
Methylene chloride	BQL	16.6	0.989	1	6/6/2009	
4-Methyl-2-pentanone	BQL	10.4	3.85	1	6/6/2009	
Methyl-tert-butyl ether (MTBE)	BQL	4.15	0.922	1	6/6/2009	
Naphthalene	BQL	4.15	0.706	1	6/6/2009	
n-Propyl benzene	BQL	4.15	1.05	1	6/6/2009	
Styrene	BQL	4.15	0.914	1	6/6/2009	
1,1,1,2-Tetrachloroethane	BQL	4.15	0.847	1	6/6/2009	
1,1,2,2-Tetrachloroethane	BQL	4.15	0.939	1	6/6/2009	
Tetrachloroethene	BQL	4.15	0.761	1	6/6/2009	
Toluene	BQL	4.15	0.828	1	6/6/2009	
1,2,3-Trichlorobenzene	BQL	4.15	0.864	1	6/6/2009	
1,2,4-Trichlorobenzene	BQL	4.15	0.856	1	6/6/2009	
Trichloroethene	BQL	4.15	0.793	1	6/6/2009	
1,1,1-Trichloroethane	BQL	4.15	0.939	1	6/6/2009	
1,1,2-Trichloroethane	BQL	4.15	1.36	1	6/6/2009	
Trichlorofluoromethane	BQL	4.15	0.856	1	6/6/2009	
1,2,3-Trichloropropane	BQL	4.15	1.03	1	6/6/2009	
1,2,4-Trimethylbenzene	BQL	4.15	1.05	1	6/6/2009	
1,3,5-Trimethylbenzene	BQL	4.15	0.947	1	6/6/2009	
Vinyl chloride	BQL	4.15	1.13	1	6/6/2009	
m-,p-Xylene	BQL	8.31	1.60	1	6/6/2009	
o-Xylene	BQL	4.15	0.805	1	6/6/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	63.6	127
Toluene-d8	50	48.7	97
4-Bromofluorobenzene	50	48.3	97

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-9 (1.5-2)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-9A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 12:50
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 5.78 g
%Solids: 93.5

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	46.3	6.40	1	6/6/2009	
Benzene	BQL	4.63	0.990	1	6/6/2009	
Bromobenzene	BQL	4.63	0.953	1	6/6/2009	
Bromochloromethane	BQL	4.63	1.59	1	6/6/2009	
Bromodichloromethane	BQL	4.63	0.918	1	6/6/2009	
Bromoform	BQL	4.63	0.926	1	6/6/2009	
Bromomethane	BQL	4.63	0.972	1	6/6/2009	
2-Butanone	BQL	23.1	5.03	1	6/6/2009	
n-Butylbenzene	BQL	4.63	0.884	1	6/6/2009	
sec-Butylbenzene	BQL	4.63	0.935	1	6/6/2009	
tert-Butylbenzene	BQL	4.63	1.04	1	6/6/2009	
Carbon disulfide	BQL	4.63	2.48	1	6/6/2009	
Carbon tetrachloride	BQL	4.63	0.944	1	6/6/2009	
Chlorobenzene	BQL	4.63	1.10	1	6/6/2009	
Chloroethane	BQL	4.63	1.47	1	6/6/2009	
Chloroform	BQL	4.63	1.11	1	6/6/2009	
Chloromethane	BQL	4.63	1.05	1	6/6/2009	
2-Chlorotoluene	BQL	4.63	0.935	1	6/6/2009	
4-Chlorotoluene	BQL	4.63	1.16	1	6/6/2009	
Dibromochloromethane	BQL	4.63	1.28	1	6/6/2009	
1,2-Dibromo-3-chloropropane	BQL	23.1	1.34	1	6/6/2009	
Dibromomethane	BQL	4.63	1.40	1	6/6/2009	
1,2-Dibromoethane (EDB)	BQL	4.63	1.05	1	6/6/2009	
1,2-Dichlorobenzene	BQL	4.63	1.19	1	6/6/2009	
1,3-Dichlorobenzene	BQL	4.63	1.18	1	6/6/2009	
1,4-Dichlorobenzene	BQL	4.63	0.972	1	6/6/2009	
trans-1,4-Dichloro-2-butene	BQL	23.1	1.28	1	6/6/2009	
1,1-Dichloroethane	BQL	4.63	0.981	1	6/6/2009	
1,1-Dichloroethene	BQL	4.63	1.37	1	6/6/2009	
1,2-Dichloroethane	BQL	4.63	1.22	1	6/6/2009	
cis-1,2-Dichloroethene	BQL	4.63	1.18	1	6/6/2009	
trans-1,2-dichloroethene	BQL	4.63	1.05	1	6/6/2009	
1,2-Dichloropropane	BQL	4.63	1.09	1	6/6/2009	
1,3-Dichloropropane	BQL	4.63	1.04	1	6/6/2009	
2,2-Dichloropropane	BQL	4.63	1.11	1	6/6/2009	
1,1-Dichloropropene	BQL	4.63	1.45	1	6/6/2009	
cis-1,3-Dichloropropene	BQL	4.63	0.771	1	6/6/2009	
trans-1,3-Dichloropropene	BQL	4.63	0.891	1	6/6/2009	
Dichlorodifluoromethane	BQL	4.63	1.22	1	6/6/2009	
Diisopropyl ether (DIPE)	BQL	4.63	1.05	1	6/6/2009	
Ethylbenzene	BQL	4.63	0.802	1	6/6/2009	
Hexachlorobutadiene	BQL	4.63	0.902	1	6/6/2009	
2-Hexanone	BQL	11.6	3.00	1	6/6/2009	
Iodomethane	BQL	4.63	1.00	1	6/6/2009	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-9 (1.5-2)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-9A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 12:50
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 5.78 g
%Solids: 93.5

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	4.63	0.822	1	6/6/2009	
4-Isopropyltoluene	BQL	4.63	0.990	1	6/6/2009	
Methylene chloride	BQL	18.5	1.10	1	6/6/2009	
4-Methyl-2-pentanone	BQL	11.6	4.29	1	6/6/2009	
Methyl-tert-butyl ether (MTBE)	BQL	4.63	1.03	1	6/6/2009	
Naphthalene	BQL	4.63	0.787	1	6/6/2009	
n-Propyl benzene	BQL	4.63	1.17	1	6/6/2009	
Styrene	BQL	4.63	1.02	1	6/6/2009	
1,1,1,2-Tetrachloroethane	BQL	4.63	0.944	1	6/6/2009	
1,1,2,2-Tetrachloroethane	BQL	4.63	1.05	1	6/6/2009	
Tetrachloroethene	BQL	4.63	0.848	1	6/6/2009	
Toluene	BQL	4.63	0.923	1	6/6/2009	
1,2,3-Trichlorobenzene	BQL	4.63	0.963	1	6/6/2009	
1,2,4-Trichlorobenzene	BQL	4.63	0.953	1	6/6/2009	
Trichloroethene	BQL	4.63	0.883	1	6/6/2009	
1,1,1-Trichloroethane	BQL	4.63	1.05	1	6/6/2009	
1,1,2-Trichloroethane	BQL	4.63	1.52	1	6/6/2009	
Trichlorofluoromethane	BQL	4.63	0.953	1	6/6/2009	
1,2,3-Trichloropropane	BQL	4.63	1.15	1	6/6/2009	
1,2,4-Trimethylbenzene	BQL	4.63	1.17	1	6/6/2009	
1,3,5-Trimethylbenzene	BQL	4.63	1.06	1	6/6/2009	
Vinyl chloride	BQL	4.63	1.26	1	6/6/2009	
m-,p-Xylene	BQL	9.26	1.78	1	6/6/2009	
o-Xylene	BQL	4.63	0.897	1	6/6/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	65.4	131
Toluene-d8	50	48.7	97
4-Bromofluorobenzene	50	48.1	96

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-10 (1.5-2)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-10A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 13:00
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 6.44 g
%Solids: 85.4

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	45.4	6.27	1	6/6/2009	
Benzene	BQL	4.54	0.971	1	6/6/2009	
Bromobenzene	BQL	4.54	0.935	1	6/6/2009	
Bromochloromethane	BQL	4.54	1.56	1	6/6/2009	
Bromodichloromethane	BQL	4.54	0.900	1	6/6/2009	
Bromoform	BQL	4.54	0.908	1	6/6/2009	
Bromomethane	BQL	4.54	0.953	1	6/6/2009	
2-Butanone	BQL	22.7	4.93	1	6/6/2009	
n-Butylbenzene	BQL	4.54	0.867	1	6/6/2009	
sec-Butylbenzene	BQL	4.54	0.917	1	6/6/2009	
tert-Butylbenzene	BQL	4.54	1.02	1	6/6/2009	
Carbon disulfide	BQL	4.54	2.43	1	6/6/2009	
Carbon tetrachloride	BQL	4.54	0.926	1	6/6/2009	
Chlorobenzene	BQL	4.54	1.08	1	6/6/2009	
Chloroethane	BQL	4.54	1.44	1	6/6/2009	
Chloroform	BQL	4.54	1.09	1	6/6/2009	
Chloromethane	BQL	4.54	1.03	1	6/6/2009	
2-Chlorotoluene	BQL	4.54	0.917	1	6/6/2009	
4-Chlorotoluene	BQL	4.54	1.13	1	6/6/2009	
Dibromochloromethane	BQL	4.54	1.25	1	6/6/2009	
1,2-Dibromo-3-chloropropane	BQL	22.7	1.32	1	6/6/2009	
Dibromomethane	BQL	4.54	1.37	1	6/6/2009	
1,2-Dibromoethane (EDB)	BQL	4.54	1.03	1	6/6/2009	
1,2-Dichlorobenzene	BQL	4.54	1.17	1	6/6/2009	
1,3-Dichlorobenzene	BQL	4.54	1.16	1	6/6/2009	
1,4-Dichlorobenzene	BQL	4.54	0.953	1	6/6/2009	
trans-1,4-Dichloro-2-butene	BQL	22.7	1.25	1	6/6/2009	
1,1-Dichloroethane	BQL	4.54	0.962	1	6/6/2009	
1,1-Dichloroethene	BQL	4.54	1.34	1	6/6/2009	
1,2-Dichloroethane	BQL	4.54	1.20	1	6/6/2009	
cis-1,2-Dichloroethene	BQL	4.54	1.16	1	6/6/2009	
trans-1,2-dichloroethene	BQL	4.54	1.03	1	6/6/2009	
1,2-Dichloropropane	BQL	4.54	1.07	1	6/6/2009	
1,3-Dichloropropane	BQL	4.54	1.02	1	6/6/2009	
2,2-Dichloropropane	BQL	4.54	1.09	1	6/6/2009	
1,1-Dichloropropene	BQL	4.54	1.43	1	6/6/2009	
cis-1,3-Dichloropropene	BQL	4.54	0.756	1	6/6/2009	
trans-1,3-Dichloropropene	BQL	4.54	0.874	1	6/6/2009	
Dichlorodifluoromethane	BQL	4.54	1.20	1	6/6/2009	
Diisopropyl ether (DIPE)	BQL	4.54	1.03	1	6/6/2009	
Ethylbenzene	BQL	4.54	0.786	1	6/6/2009	
Hexachlorobutadiene	BQL	4.54	0.885	1	6/6/2009	
2-Hexanone	BQL	11.3	2.94	1	6/6/2009	
Iodomethane	BQL	4.54	0.980	1	6/6/2009	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-10 (1.5-2)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-10A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 13:00
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 6.44 g
%Solids: 85.4

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	4.54	0.806	1	6/6/2009	
4-Isopropyltoluene	BQL	4.54	0.971	1	6/6/2009	
Methylene chloride	BQL	18.2	1.08	1	6/6/2009	
4-Methyl-2-pentanone	BQL	11.3	4.20	1	6/6/2009	
Methyl-tert-butyl ether (MTBE)	BQL	4.54	1.01	1	6/6/2009	
Naphthalene	BQL	4.54	0.772	1	6/6/2009	
n-Propyl benzene	BQL	4.54	1.14	1	6/6/2009	
Styrene	BQL	4.54	0.998	1	6/6/2009	
1,1,1,2-Tetrachloroethane	BQL	4.54	0.926	1	6/6/2009	
1,1,2,2-Tetrachloroethane	BQL	4.54	1.03	1	6/6/2009	
Tetrachloroethene	BQL	4.54	0.831	1	6/6/2009	
Toluene	BQL	4.54	0.905	1	6/6/2009	
1,2,3-Trichlorobenzene	BQL	4.54	0.944	1	6/6/2009	
1,2,4-Trichlorobenzene	BQL	4.54	0.935	1	6/6/2009	
Trichloroethene	BQL	4.54	0.866	1	6/6/2009	
1,1,1-Trichloroethane	BQL	4.54	1.03	1	6/6/2009	
1,1,2-Trichloroethane	BQL	4.54	1.49	1	6/6/2009	
Trichlorofluoromethane	BQL	4.54	0.935	1	6/6/2009	
1,2,3-Trichloropropane	BQL	4.54	1.13	1	6/6/2009	
1,2,4-Trimethylbenzene	BQL	4.54	1.14	1	6/6/2009	
1,3,5-Trimethylbenzene	BQL	4.54	1.03	1	6/6/2009	
Vinyl chloride	BQL	4.54	1.23	1	6/6/2009	
m-,p-Xylene	BQL	9.08	1.74	1	6/6/2009	
o-Xylene	BQL	4.54	0.880	1	6/6/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	64	128
Toluene-d8	50	48.7	97
4-Bromofluorobenzene	50	48.3	97

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-11 (1.5-2)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-11A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 13:10
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 5.80 g
%Solids: 91.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	46.9	6.48	1	6/6/2009	
Benzene	BQL	4.69	1.00	1	6/6/2009	
Bromobenzene	BQL	4.69	0.965	1	6/6/2009	
Bromochloromethane	BQL	4.69	1.61	1	6/6/2009	
Bromodichloromethane	BQL	4.69	0.930	1	6/6/2009	
Bromoform	BQL	4.69	0.937	1	6/6/2009	
Bromomethane	BQL	4.69	0.984	1	6/6/2009	
2-Butanone	BQL	23.4	5.09	1	6/6/2009	
n-Butylbenzene	BQL	4.69	0.895	1	6/6/2009	
sec-Butylbenzene	BQL	4.69	0.946	1	6/6/2009	
tert-Butylbenzene	BQL	4.69	1.05	1	6/6/2009	
Carbon disulfide	BQL	4.69	2.51	1	6/6/2009	
Carbon tetrachloride	BQL	4.69	0.956	1	6/6/2009	
Chlorobenzene	BQL	4.69	1.12	1	6/6/2009	
Chloroethane	BQL	4.69	1.49	1	6/6/2009	
Chloroform	BQL	4.69	1.12	1	6/6/2009	
Chloromethane	BQL	4.69	1.06	1	6/6/2009	
2-Chlorotoluene	BQL	4.69	0.946	1	6/6/2009	
4-Chlorotoluene	BQL	4.69	1.17	1	6/6/2009	
Dibromochloromethane	BQL	4.69	1.29	1	6/6/2009	
1,2-Dibromo-3-chloropropane	BQL	23.4	1.36	1	6/6/2009	
Dibromomethane	BQL	4.69	1.41	1	6/6/2009	
1,2-Dibromoethane (EDB)	BQL	4.69	1.06	1	6/6/2009	
1,2-Dichlorobenzene	BQL	4.69	1.21	1	6/6/2009	
1,3-Dichlorobenzene	BQL	4.69	1.20	1	6/6/2009	
1,4-Dichlorobenzene	BQL	4.69	0.984	1	6/6/2009	
trans-1,4-Dichloro-2-butene	BQL	23.4	1.29	1	6/6/2009	
1,1-Dichloroethane	BQL	4.69	0.993	1	6/6/2009	
1,1-Dichloroethene	BQL	4.69	1.39	1	6/6/2009	
1,2-Dichloroethane	BQL	4.69	1.24	1	6/6/2009	
cis-1,2-Dichloroethene	BQL	4.69	1.20	1	6/6/2009	
trans-1,2-dichloroethene	BQL	4.69	1.06	1	6/6/2009	
1,2-Dichloropropane	BQL	4.69	1.11	1	6/6/2009	
1,3-Dichloropropane	BQL	4.69	1.05	1	6/6/2009	
2,2-Dichloropropane	BQL	4.69	1.12	1	6/6/2009	
1,1-Dichloropropene	BQL	4.69	1.47	1	6/6/2009	
cis-1,3-Dichloropropene	BQL	4.69	0.781	1	6/6/2009	
trans-1,3-Dichloropropene	BQL	4.69	0.902	1	6/6/2009	
Dichlorodifluoromethane	BQL	4.69	1.24	1	6/6/2009	
Diisopropyl ether (DIPE)	BQL	4.69	1.06	1	6/6/2009	
Ethylbenzene	BQL	4.69	0.811	1	6/6/2009	
Hexachlorobutadiene	BQL	4.69	0.914	1	6/6/2009	
2-Hexanone	BQL	11.7	3.04	1	6/6/2009	
Iodomethane	BQL	4.69	1.01	1	6/6/2009	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-11 (1.5-2)
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-11A
Lab Project ID: G582-379
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected: 06-02-2009 13:10
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 5.80 g
%Solids: 91.8

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	4.69	0.832	1	6/6/2009	
4-Isopropyltoluene	BQL	4.69	1.00	1	6/6/2009	
Methylene chloride	BQL	18.7	1.12	1	6/6/2009	
4-Methyl-2-pentanone	BQL	11.7	4.34	1	6/6/2009	
Methyl-tert-butyl ether (MTBE)	BQL	4.69	1.04	1	6/6/2009	
Naphthalene	BQL	4.69	0.796	1	6/6/2009	
n-Propyl benzene	BQL	4.69	1.18	1	6/6/2009	
Styrene	BQL	4.69	1.03	1	6/6/2009	
1,1,1,2-Tetrachloroethane	BQL	4.69	0.956	1	6/6/2009	
1,1,2,2-Tetrachloroethane	BQL	4.69	1.06	1	6/6/2009	
Tetrachloroethene	BQL	4.69	0.858	1	6/6/2009	
Toluene	BQL	4.69	0.934	1	6/6/2009	
1,2,3-Trichlorobenzene	BQL	4.69	0.975	1	6/6/2009	
1,2,4-Trichlorobenzene	BQL	4.69	0.965	1	6/6/2009	
Trichloroethene	BQL	4.69	0.894	1	6/6/2009	
1,1,1-Trichloroethane	BQL	4.69	1.06	1	6/6/2009	
1,1,2-Trichloroethane	BQL	4.69	1.54	1	6/6/2009	
Trichlorofluoromethane	BQL	4.69	0.965	1	6/6/2009	
1,2,3-Trichloropropane	BQL	4.69	1.16	1	6/6/2009	
1,2,4-Trimethylbenzene	BQL	4.69	1.18	1	6/6/2009	
1,3,5-Trimethylbenzene	BQL	4.69	1.07	1	6/6/2009	
Vinyl chloride	BQL	4.69	1.27	1	6/6/2009	
m-,p-Xylene	BQL	9.37	1.80	1	6/6/2009	
o-Xylene	BQL	4.69	0.908	1	6/6/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	64.6	129
Toluene-d8	50	48.9	98
4-Bromofluorobenzene	50	47.6	95

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: Tripblank
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-12A
Lab Project ID: G582-379
Report Basis: 0.0

Analyzed By: MJC
Date Collected: 06-02-2009
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	50.0	6.91	1	6/6/2009	
Benzene	BQL	5.00	1.07	1	6/6/2009	
Bromobenzene	BQL	5.00	1.03	1	6/6/2009	
Bromochloromethane	BQL	5.00	1.72	1	6/6/2009	
Bromodichloromethane	BQL	5.00	0.992	1	6/6/2009	
Bromoform	BQL	5.00	1.00	1	6/6/2009	
Bromomethane	BQL	5.00	1.05	1	6/6/2009	
2-Butanone	BQL	25.0	5.43	1	6/6/2009	
n-Butylbenzene	BQL	5.00	0.955	1	6/6/2009	
sec-Butylbenzene	BQL	5.00	1.01	1	6/6/2009	
tert-Butylbenzene	BQL	5.00	1.12	1	6/6/2009	
Carbon disulfide	BQL	5.00	2.68	1	6/6/2009	
Carbon tetrachloride	BQL	5.00	1.02	1	6/6/2009	
Chlorobenzene	BQL	5.00	1.19	1	6/6/2009	
Chloroethane	BQL	5.00	1.59	1	6/6/2009	
Chloroform	BQL	5.00	1.20	1	6/6/2009	
Chloromethane	BQL	5.00	1.13	1	6/6/2009	
2-Chlorotoluene	BQL	5.00	1.01	1	6/6/2009	
4-Chlorotoluene	BQL	5.00	1.25	1	6/6/2009	
Dibromochloromethane	BQL	5.00	1.38	1	6/6/2009	
1,2-Dibromo-3-chloropropane	BQL	25.0	1.45	1	6/6/2009	
Dibromomethane	BQL	5.00	1.51	1	6/6/2009	
1,2-Dibromoethane (EDB)	BQL	5.00	1.13	1	6/6/2009	
1,2-Dichlorobenzene	BQL	5.00	1.29	1	6/6/2009	
1,3-Dichlorobenzene	BQL	5.00	1.28	1	6/6/2009	
1,4-Dichlorobenzene	BQL	5.00	1.05	1	6/6/2009	
trans-1,4-Dichloro-2-butene	BQL	25.0	1.38	1	6/6/2009	
1,1-Dichloroethane	BQL	5.00	1.06	1	6/6/2009	
1,1-Dichloroethene	BQL	5.00	1.48	1	6/6/2009	
1,2-Dichloroethane	BQL	5.00	1.32	1	6/6/2009	
cis-1,2-Dichloroethene	BQL	5.00	1.28	1	6/6/2009	
trans-1,2-dichloroethene	BQL	5.00	1.13	1	6/6/2009	
1,2-Dichloropropane	BQL	5.00	1.18	1	6/6/2009	
1,3-Dichloropropane	BQL	5.00	1.12	1	6/6/2009	
2,2-Dichloropropane	BQL	5.00	1.20	1	6/6/2009	
1,1-Dichloropropene	BQL	5.00	1.57	1	6/6/2009	
cis-1,3-Dichloropropene	BQL	5.00	0.833	1	6/6/2009	
trans-1,3-Dichloropropene	BQL	5.00	0.963	1	6/6/2009	
Dichlorodifluoromethane	BQL	5.00	1.32	1	6/6/2009	
Diisopropyl ether (DIPE)	BQL	5.00	1.13	1	6/6/2009	
Ethylbenzene	BQL	5.00	0.866	1	6/6/2009	
Hexachlorobutadiene	BQL	5.00	0.975	1	6/6/2009	
2-Hexanone	BQL	12.5	3.24	1	6/6/2009	
Iodomethane	BQL	5.00	1.08	1	6/6/2009	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: Tripblank
Client Project ID: AVX-Myrtle Beach
Lab Sample ID G582-379-12A
Lab Project ID: G582-379
Report Basis: 0.0

Analyzed By: MJC
Date Collected: 06-02-2009 00:00
Date Received: 6/3/2009
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	5.00	0.888	1	6/6/2009	
4-Isopropyltoluene	BQL	5.00	1.07	1	6/6/2009	
Methylene chloride	BQL	20.0	1.19	1	6/6/2009	
4-Methyl-2-pentanone	BQL	12.5	4.63	1	6/6/2009	
Methyl-tert-butyl ether (MTBE)	BQL	5.00	1.11	1	6/6/2009	
Naphthalene	BQL	5.00	0.850	1	6/6/2009	
n-Propyl benzene	BQL	5.00	1.26	1	6/6/2009	
Styrene	BQL	5.00	1.10	1	6/6/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	1.02	1	6/6/2009	
1,1,2,2-Tetrachloroethane	BQL	5.00	1.13	1	6/6/2009	
Tetrachloroethene	BQL	5.00	0.916	1	6/6/2009	
Toluene	BQL	5.00	0.997	1	6/6/2009	
1,2,3-Trichlorobenzene	BQL	5.00	1.04	1	6/6/2009	
1,2,4-Trichlorobenzene	BQL	5.00	1.03	1	6/6/2009	
Trichloroethene	BQL	5.00	0.954	1	6/6/2009	
1,1,1-Trichloroethane	BQL	5.00	1.13	1	6/6/2009	
1,1,2-Trichloroethane	BQL	5.00	1.64	1	6/6/2009	
Trichlorofluoromethane	BQL	5.00	1.03	1	6/6/2009	
1,2,3-Trichloropropane	BQL	5.00	1.24	1	6/6/2009	
1,2,4-Trimethylbenzene	BQL	5.00	1.26	1	6/6/2009	
1,3,5-Trimethylbenzene	BQL	5.00	1.14	1	6/6/2009	
Vinyl chloride	BQL	5.00	1.36	1	6/6/2009	
m-,p-Xylene	BQL	10.0	1.92	1	6/6/2009	
o-Xylene	BQL	5.00	0.969	1	6/6/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	67.6	135
Toluene-d8	50	48.9	98
4-Bromofluorobenzene	50	47.6	95

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID VBLK9060609B
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected:
Date Received:
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	50.0	6.91	1	6/6/2009	
Benzene	BQL	5.00	1.07	1	6/6/2009	
Bromobenzene	BQL	5.00	1.03	1	6/6/2009	
Bromochloromethane	BQL	5.00	1.72	1	6/6/2009	
Bromodichloromethane	BQL	5.00	0.992	1	6/6/2009	
Bromoform	BQL	5.00	1.00	1	6/6/2009	
Bromomethane	BQL	5.00	1.05	1	6/6/2009	
2-Butanone	BQL	25.0	5.43	1	6/6/2009	
n-Butylbenzene	BQL	5.00	0.955	1	6/6/2009	
sec-Butylbenzene	BQL	5.00	1.01	1	6/6/2009	
tert-Butylbenzene	BQL	5.00	1.12	1	6/6/2009	
Carbon disulfide	BQL	5.00	2.68	1	6/6/2009	
Carbon tetrachloride	BQL	5.00	1.02	1	6/6/2009	
Chlorobenzene	BQL	5.00	1.19	1	6/6/2009	
Chloroethane	BQL	5.00	1.59	1	6/6/2009	
Chloroform	BQL	5.00	1.20	1	6/6/2009	
Chloromethane	BQL	5.00	1.13	1	6/6/2009	
2-Chlorotoluene	BQL	5.00	1.01	1	6/6/2009	
4-Chlorotoluene	BQL	5.00	1.25	1	6/6/2009	
Dibromochloromethane	BQL	5.00	1.38	1	6/6/2009	
1,2-Dibromo-3-chloropropane	BQL	25.0	1.45	1	6/6/2009	
Dibromomethane	BQL	5.00	1.51	1	6/6/2009	
1,2-Dibromoethane (EDB)	BQL	5.00	1.13	1	6/6/2009	
1,2-Dichlorobenzene	BQL	5.00	1.29	1	6/6/2009	
1,3-Dichlorobenzene	BQL	5.00	1.28	1	6/6/2009	
1,4-Dichlorobenzene	BQL	5.00	1.05	1	6/6/2009	
trans-1,4-Dichloro-2-butene	BQL	25.0	1.38	1	6/6/2009	
1,1-Dichloroethane	BQL	5.00	1.06	1	6/6/2009	
1,1-Dichloroethene	BQL	5.00	1.48	1	6/6/2009	
1,2-Dichloroethane	BQL	5.00	1.32	1	6/6/2009	
cis-1,2-Dichloroethene	BQL	5.00	1.28	1	6/6/2009	
trans-1,2-dichloroethene	BQL	5.00	1.13	1	6/6/2009	
1,2-Dichloropropane	BQL	5.00	1.18	1	6/6/2009	
1,3-Dichloropropane	BQL	5.00	1.12	1	6/6/2009	
2,2-Dichloropropane	BQL	5.00	1.20	1	6/6/2009	
1,1-Dichloropropene	BQL	5.00	1.57	1	6/6/2009	
cis-1,3-Dichloropropene	BQL	5.00	0.833	1	6/6/2009	
trans-1,3-Dichloropropene	BQL	5.00	0.963	1	6/6/2009	
Dichlorodifluoromethane	BQL	5.00	1.32	1	6/6/2009	
Diisopropyl ether (DIPE)	BQL	5.00	1.13	1	6/6/2009	
Ethylbenzene	BQL	5.00	0.866	1	6/6/2009	
Hexachlorobutadiene	BQL	5.00	0.975	1	6/6/2009	
2-Hexanone	BQL	12.5	3.24	1	6/6/2009	
Iodomethane	BQL	5.00	1.08	1	6/6/2009	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID VBLK9060609B
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: MJC
Date Collected:
Date Received:
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	5.00	0.888	1	6/6/2009	
4-Isopropyltoluene	BQL	5.00	1.07	1	6/6/2009	
Methylene chloride	BQL	20.0	1.19	1	6/6/2009	
4-Methyl-2-pentanone	BQL	12.5	4.63	1	6/6/2009	
Methyl-tert-butyl ether (MTBE)	BQL	5.00	1.11	1	6/6/2009	
Naphthalene	BQL	5.00	0.850	1	6/6/2009	
n-Propyl benzene	BQL	5.00	1.26	1	6/6/2009	
Styrene	BQL	5.00	1.10	1	6/6/2009	
1,1,1,2-Tetrachloroethane	BQL	5.00	1.02	1	6/6/2009	
1,1,2,2-Tetrachloroethane	BQL	5.00	1.13	1	6/6/2009	
Tetrachloroethene	BQL	5.00	0.916	1	6/6/2009	
Toluene	BQL	5.00	0.997	1	6/6/2009	
1,2,3-Trichlorobenzene	BQL	5.00	1.04	1	6/6/2009	
1,2,4-Trichlorobenzene	BQL	5.00	1.03	1	6/6/2009	
Trichloroethene	BQL	5.00	0.954	1	6/6/2009	
1,1,1-Trichloroethane	BQL	5.00	1.13	1	6/6/2009	
1,1,2-Trichloroethane	BQL	5.00	1.64	1	6/6/2009	
Trichlorofluoromethane	BQL	5.00	1.03	1	6/6/2009	
1,2,3-Trichloropropane	BQL	5.00	1.24	1	6/6/2009	
1,2,4-Trimethylbenzene	BQL	5.00	1.26	1	6/6/2009	
1,3,5-Trimethylbenzene	BQL	5.00	1.14	1	6/6/2009	
Vinyl chloride	BQL	5.00	1.36	1	6/6/2009	
m-,p-Xylene	BQL	10.0	1.92	1	6/6/2009	
o-Xylene	BQL	5.00	0.969	1	6/6/2009	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	52.6	105
Toluene-d8	50	48.4	97
4-Bromofluorobenzene	50	50.9	102

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: DVO

LABORATORY CONTROL SAMPLE VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: SGS Environmental
Lab Code: NC00919 Case No.: SAS No.: SDG No:
Matrix: (soil/water) Soil
Lab Sample ID: LCS9060609a
Sample wt/vol: 5.00 (g)
Lab File ID: 0606903.D
Level: (low/med) low
% Moisture: not dec.
Date Analyzed: 2009-06-06 09:42
GC Column: DB-624 ID: 0.2 (mm)
Dilution Factor: 1
Soil Extract Volume: NA
Soil Aliquot Volume: NA

CAS NO.	COMPOUND	SPIKE AMT (µg/Kg)	SAMP CONC (µg/Kg)	% REC #	QC LIMITS
67-64-1	acetone	75.0	49.6	66.2	16.7-286
107-02-8	acrolein	300	243	81.1	16.7-226
107-13-1	acrylonitrile	300	305	102	13.3-201
71-43-2	benzene	30.0	29.6	98.8	68.6-132
108-86-1	bromobenzene	30.0	34.1	114	56.7-146
74-97-5	bromochloromethane	30.0	31.0	103	52.5-154
75-27-4	bromodichloromethane	30.0	30.8	102	65.4-137
75-25-2	bromoform	30.0	37.6	125	48.3-147
74-83-9	bromomethane	30.0	16.3	54.4	16.7-246
78-93-3	2-butanone	75.0	58.8	78.5	16.7-314
104-51-8	n-butylbenzene	30.0	31.5	105	58.4-135
135-98-8	sec-butylbenzene	30.0	30.4	101	57.2-136
98-06-6	tert-butylbenzene	30.0	31.5	105	50.8-139
75-15-0	Carbon disulfide	30.0	29.2	97.5	16.7-276
56-23-5	carbon tetrachloride	30.0	34.0	114	61.1-141
108-90-7	chlorobenzene	30.0	31.6	105	63.0-129
75-00-3	chloroethane	30.0	29.4	98.0	22.5-200
110-75-8	2-chloroethyl vinyl ether	300	221	73.5	16.7-275
67-66-3	chloroform	30.0	30.0	99.8	65.0-137
74-87-3	chloromethane	30.0	27.9	93.0	16.7-182
95-49-8	2-chlorotoluene	30.0	30.3	101	61.1-138
106-43-4	4-chlorotoluene	30.0	30.7	102	63.8-134
124-48-1	dibromochloromethane	30.0	34.1	114	56.0-144
96-12-8	1,2-dibromo-3-chloropropane	150	146	97.0	16.7-213
106-93-4	1,2-dibromoethane	30.0	32.4	108	58.8-139
74-95-3	dibromomethane	30.0	30.5	102	54.1-154
95-50-1	1,2-dichlorobenzene	30.0	31.2	104	61.5-138
541-73-1	1,3-dichlorobenzene	30.0	31.8	106	61.5-138
106-46-7	1,4-dichlorobenzene	30.0	31.8	106	61.1-138
110-57-6	trans-1,4-Dichloro-2-butene	150	145	97.0	16.7-212
75-71-8	dichlorodifluoromethane	30.0	29.0	96.8	25.4-165
75-34-3	1,1-dichloroethane	30.0	29.6	98.7	62.4-140
107-06-2	1,2-dichloroethane	30.0	30.1	100	55.3-152
75-35-4	1,1-dichloroethene	30.0	30.1	100	65.4-134
156-59-2	cis-1,2-dichloroethene	30.0	30.6	102	63.8-138
156-60-5	trans-1,2-dichloroethene	30.0	31.0	103	63.3-139
78-87-5	1,2-dichloropropane	30.0	29.1	97.2	60.0-139
142-28-9	1,3-dichloropropane	30.0	31.2	104	62.3-136
594-20-7	2,2-dichloropropane	30.0	32.2	107	62.5-140
563-58-6	1,1-dichloropropene	30.0	30.7	102	60.9-136
10061-01-5	cis-1,3-dichloropropene	30.0	29.6	98.8	59.8-141

LABORATORY CONTROL SAMPLE VOLATILE ORGANICS ANALYSIS DATA SHEET

Lab Name: SGS Environmental

Lab Code: NC00919 Case No.: SAS No.: SDG No:

Matrix: (soil/water) Soil Lab Sample ID: LCS9060609a

Sample wt/vol: 5.00 (g) Lab File ID: 0606903.D

Level: (low/med) low

% Moisture: not dec. Date Analyzed: 2009-06-06 09:42

GC Column: DB-624 ID: 0.2 (mm) Dilution Factor: 1

Soil Extract Volume: NA Soil Aliquot Volume: NA

CAS NO.	COMPOUND	SPIKE AMT (µg/Kg)	SAMP CONC (µg/Kg)	% REC #	QC LIMITS
10061-02-6	trans-1,3-dichloropropene	30.0	30.0	100	7.27-173
108-20-3	Diisopropyl ether	30.0	30.0	100	9.01-172
100-41-4	ethylbenzene	30.0	30.2	101	16.7-187
87-68-3	hexachlorobutadiene	30.0	39.6	132	16.7-173
591-78-6	2-hexanone	75.0	66.6	88.9	16.7-304
74-88-4	Iodomethane	30.0	32.8	110	16.7-200
98-82-8	isopropylbenzene	30.0	30.7	102	6.43-167
99-87-6	4-isopropyltoluene	30.0	31.5	105	6.97-170
1634-04-4	Methyl-tert-butyl ether	30.0	29.8	99.4	10.7-173
75-09-2	methylene chloride	30.0	30.4	102	8.58-169
108-10-1	4-methyl-2-pentanone	75.0	75.4	100	16.7-293
91-20-3	naphthalene	30.0	37.0	123	16.7-175
103-65-1	n-propyl benzene	30.0	29.4	98.2	7.25-172
100-42-5	styrene	30.0	31.2	104	10.2-168
630-20-6	1,1,1,2-tetrachloroethane	30.0	33.5	112	5.87-177
79-34-5	1,1,2,2-tetrachloroethane	30.0	32.1	107	10.9-168
127-18-4	tetrachloroethene	30.0	33.9	113	16.7-195
108-88-3	toluene	30.0	29.9	99.8	26.6-159
87-61-6	1,2,3-trichlorobenzene	30.0	38.3	128	4.64-169
120-82-1	1,2,4-trichlorobenzene	30.0	37.8	126	6.55-165
71-55-6	1,1,1-trichloroethane	30.0	32.2	107	8.40-173
79-00-5	1,1,2-trichloroethane	30.0	31.6	105	12.2-166
79-01-6	trichloroethene	30.0	30.8	103	24.0-158
75-69-4	trichlorofluoromethane	30.0	29.1	96.9	5.64-183
96-18-4	1,2,3-trichloropropane	30.0	30.6	102	16.7-186
95-63-3	1,2,4-trimethylbenzene	30.0	31.7	106	8.60-168
108-67-8	1,3,5-trimethylbenzene	30.0	31.4	105	8.09-168
108-05-4	Vinyl acetate	75.0	74.4	99.3	16.7-225
75-01-4	vinyl chloride	30.0	29.6	98.6	7.56-178
108-38-3	m/p-xylene	60.0	62.2	104	8.91-169
95-47-6	o-xylene	30.0	30.9	103	9.45-167

System Monitoring Compound Results

		Spike Added (µg/Kg)	Spike Result (µg/Kg)	Percent Rec. (%)	Percent Recovery (%)
460-00-4	4-Bromofluorobenzene	50	52.0	104	49.1-151
17060-07-0	1,2-Dichloroethane-d4	50	51.0	103	37.8-170
2037-26-5	Toluene-d8	50	49.0	98.0	58.8-144

LCS Spike Recovery: 0 failure(s) out of 72.

Analyst: 

Reviewed by: DVD

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental
Dilution: 1
Lab Code: NC00919
Matrix: Soil
LCS: LCS9060609A Ilename: 0606903.D Date Analyzed: 06/06/09 09:42
LCSD: LCS9060609B Ilename: 0606904.D Date Analyzed: 06/06/09 10:08

COMPOUND	LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	75.0	49.6	66.2	75.0	38.8	51.8	24.5	30	16.7-286
acrolein	300	243	81.1	300	215	71.7	12.3	30	16.7-226
acrylonitrile	300	305	102	300	264	88.2	14.2	30	13.3-201
benzene	30.0	29.6	98.8	30.0	28.8	96.0	2.87	30	68.6-132
bromobenzene	30.0	34.1	114	30.0	33.7	112	1.15	30	56.7-146
bromochloromethane	30.0	31.0	103	30.0	29.3	97.6	5.68	30	52.5-154
bromodichloromethane	30.0	30.8	102	30.0	29.7	99.1	3.40	30	65.4-137
bromoform	30.0	37.6	125	30.0	34.8	116	7.78	30	48.3-147
bromomethane	30.0	16.3	54.4	30.0	21.6	72.0	27.8	30	16.7-246
2-butanone	75.0	58.8	78.5	75.0	48.9	65.2	18.5	30	16.7-314
n-butylbenzene	30.0	31.5	105	30.0	31.0	103	1.60	30	58.4-135
sec-butylbenzene	30.0	30.4	101	30.0	30.3	101	0.0329	30	57.2-136
tert-butylbenzene	30.0	31.5	105	30.0	31.5	105	0.254	30	50.8-139
Carbon disulfide	30.0	29.2	97.5	30.0	28.5	95.1	2.53	30	16.7-276
carbon tetrachloride	30.0	34.0	114	30.0	33.9	113	0.530	30	61.1-141
chlorobenzene	30.0	31.6	105	30.0	31.7	106	0.948	30	63.0-129
chloroethane	30.0	29.4	98.0	30.0	33.4	111	12.7	30	22.5-200
2-chloroethyl vinyl ether	300	221	73.5	300	200	66.6	9.87	30	16.7-275
chloroform	30.0	30.0	99.8	30.0	29.5	98.3	1.55	30	65.0-137
chloromethane	30.0	27.9	93.0	30.0	28.2	94.0	1.07	30	16.7-182
2-chlorotoluene	30.0	30.3	101	30.0	29.7	99.1	1.93	30	61.1-138
4-chlorotoluene	30.0	30.7	102	30.0	30.0	100	2.24	30	63.8-134
dibromochloromethane	30.0	34.1	114	30.0	32.4	108	5.05	30	56.0-144
1,2-dibromo-3-chloropropane	150	146	97.0	150	129	86.3	11.7	30	16.7-213
1,2-dibromoethane	30.0	32.4	108	30.0	30.3	101	6.70	30	58.8-139
dibromomethane	30.0	30.5	102	30.0	28.0	93.2	8.76	30	54.1-154
1,2-dichlorobenzene	30.0	31.2	104	30.0	30.3	101	2.86	30	61.5-138
1,3-dichlorobenzene	30.0	31.8	106	30.0	31.0	103	2.32	30	61.5-138
1,4-dichlorobenzene	30.0	31.8	106	30.0	30.3	101	4.77	30	61.1-138
trans-1,4-Dichloro-2-butene	150	145	97.0	150	128	85.1	13.0	30	16.7-212
dichlorodifluoromethane	30.0	29.0	96.8	30.0	29.4	97.9	1.13	30	25.4-165
1,1-dichloroethane	30.0	29.6	98.7	30.0	29.1	96.9	1.81	30	62.4-140
1,2-dichloroethane	30.0	30.1	100	30.0	27.9	92.9	7.76	30	55.3-152
1,1-dichloroethene	30.0	30.1	100	30.0	30.1	100	0.00	30	65.4-134
cis-1,2-dichloroethene	30.0	30.6	102	30.0	30.2	101	1.38	30	63.8-138
trans-1,2-dichloroethene	30.0	31.0	103	30.0	30.7	102	0.778	30	63.3-139
1,2-dichloropropane	30.0	29.1	97.2	30.0	28.3	94.4	2.89	30	60.0-139
1,3-dichloropropane	30.0	31.2	104	30.0	29.8	99.2	4.72	30	62.3-136
2,2-dichloropropane	30.0	32.2	107	30.0	31.5	105	2.04	30	62.5-140
1,1-dichloropropene	30.0	30.7	102	30.0	30.4	101	0.950	30	60.9-136
cis-1,3-dichloropropene	30.0	29.6	98.8	30.0	28.4	94.7	4.31	30	59.8-141

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

_____

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental | Dilution: 1

Lab Code: NC00919 | Matrix: Soil

LCS: LCS9060609A | Filename: 0606903.D | Date Analyzed: 06/06/09 09:42

LCSD: LCS9060609B | Filename: 0606904.D | Date Analyzed: 06/06/09 10:08

COMPOUND	LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	30.0	30.0	100	30.0	28.0	93.4	6.82	30	7.27-173
Diisopropyl ether	30.0	30.0	100	30.0	28.6	95.4	4.67	30	9.01-172
ethylbenzene	30.0	30.2	101	30.0	30.2	100	0.232	30	16.7-187
hexachlorobutadiene	30.0	39.6	132	30.0	38.7	129	2.25	30	16.7-173
2-hexanone	75.0	66.6	88.9	75.0	59.3	79.1	11.6	30	16.7-304
Iodomethane	30.0	32.8	110	30.0	33.0	110	0.546	30	16.7-200
isopropylbenzene	30.0	30.7	102	30.0	30.7	102	0.195	30	6.43-167
4-isopropyltoluene	30.0	31.5	105	30.0	31.6	105	0.190	30	6.97-170
Methyl-tert-butyl ether	30.0	29.8	99.4	30.0	27.4	91.2	8.67	30	10.7-173
methylene chloride	30.0	30.4	102	30.0	29.9	99.7	1.82	30	8.58-169
4-methyl-2-pentanone	75.0	75.4	100	75.0	66.3	88.4	12.8	30	16.7-293
naphthalene	30.0	37.0	123	30.0	32.8	109	12.2	30	16.7-175
n-propyl benzene	30.0	29.4	98.2	30.0	29.4	98.2	0.00	30	7.25-172
styrene	30.0	31.2	104	30.0	30.4	101	2.40	30	10.2-168
1,1,1,2-tetrachloroethane	30.0	33.5	112	30.0	33.4	111	0.389	30	5.87-177
1,1,2,2-tetrachloroethane	30.0	32.1	107	30.0	30.4	101	5.56	30	10.9-168
tetrachloroethene	30.0	33.9	113	30.0	34.9	116	2.79	30	16.7-195
toluene	30.0	29.9	99.8	30.0	29.5	98.4	1.41	30	26.6-159
1,2,3-trichlorobenzene	30.0	38.3	128	30.0	35.7	119	7.14	30	4.64-169
1,2,4-trichlorobenzene	30.0	37.8	126	30.0	35.6	119	5.77	30	6.55-165
1,1,1-trichloroethane	30.0	32.2	107	30.0	31.7	106	1.72	30	8.40-173
1,1,2-trichloroethane	30.0	31.6	105	30.0	29.7	99.0	6.10	30	12.2-166
trichloroethene	30.0	30.8	103	30.0	30.1	100	2.96	30	24.0-158
trichlorofluoromethane	30.0	29.1	96.9	30.0	29.8	99.2	2.35	30	5.64-183
1,2,3-trichloropropane	30.0	30.6	102	30.0	27.8	92.7	9.49	30	16.7-186
1,2,4-trimethylbenzene	30.0	31.7	106	30.0	31.0	103	2.30	30	8.60-168
1,3,5-trimethylbenzene	30.0	31.4	105	30.0	31.1	104	0.928	30	8.09-168
Vinyl acetate	75.0	74.4	99.3	75.0	67.8	90.5	9.28	30	16.7-225
vinyl chloride	30.0	29.6	98.6	30.0	29.8	99.4	0.842	30	7.56-178
m/p-xylene	60.0	62.2	104	60.0	61.5	102	1.10	30	8.91-169
o-xylene	30.0	30.9	103	30.0	30.5	102	1.30	30	9.45-167

System Monitoring Compound Results

		LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	50	52.21	104	50	52.38	105	49.1-151
17060-07-0	1,2-Dichloroethane-d4	50	51.41	103	50	50.42	101	37.8-170
2037-26-5	Toluene-d8	50	48.88	97.8	50	48.98	98.0	58.8-144

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS Spike Recovery: 0 failure(s) out of 72. LCSD Spike Recovery: 0 failure(s) out of 72.

RPD: 0 out of 72 outside of limits

COMMENTS: _____

Analyst: _____ Reviewed by: DVD

3B

SOIL VOLATILE MATRIX SPIKE RECOVERY

Lab Name: SGS Environmental Contract:

Lab Code: NC00919 Case No.: SAS No.: SDG No.:

Matrix Spike - EPA Sample No.: G582-379-3a Dilution: 1

Filenames: 0606912.D, 0606913.D

COMPOUND	SAMPLE CONC (µg/kg)	MS SPIKE (µg/kg)	MS CONC (µg/kg)	MS % REC #	Recovery Limits
acetone	BQL	27.2	37.5	138*	17.7-85.2
acrolein	BQL	272	175	64.4	NA-424
acrylonitrile	BQL	272	315	116	85.0-175
benzene	BQL	27.2	21.8	80.2	61.6-135
bromobenzene	BQL	27.2	15.4	56.5*	65.1-125
bromochloromethane	BQL	27.2	26.8	98.8	75.5-126
bromodichloromethane	BQL	27.2	24.1	88.8	74.3-123
bromoform	BQL	27.2	26.4	97.1	52.3-122
bromomethane	BQL	27.2	8.32	30.6	10.0-284
2-butanone	BQL	27.2	62.4	230*	36.1-107
n-butylbenzene	BQL	27.2	7.73	28.5*	70.2-124
sec-butylbenzene	BQL	27.2	10.2	37.4*	62.0-133
tert-butylbenzene	BQL	27.2	13.8	50.9*	73.5-121
Carbon disulfide	BQL	27.2	19.5	72.0	68.8-129
carbon tetrachloride	BQL	27.2	23.1	84.9	71.8-122
chlorobenzene	BQL	27.2	16.0	59.0*	77.2-118
chloroethane	BQL	27.2	19.9	73.2	10.0-233
2-chloroethyl vinyl ether	BQL	27.2	0.00	0.00	NA-283
chloroform	BQL	27.2	23.2	85.3	74.0-128
chloromethane	BQL	27.2	20.8	76.5	72.0-138
2-chlorotoluene	BQL	27.2	13.0	47.8*	79.3-118
4-chlorotoluene	BQL	27.2	12.2	44.8*	76.8-120
dibromochloromethane	BQL	27.2	24.0	88.3	69.0-117
1,2-dibromo-3-chloropropane	BQL	136	121	89.2	20.2-171
1,2-dibromomethane	BQL	27.2	25.6	94.4	78.5-123
dibromomethane	BQL	27.2	27.7	102	71.3-137
1,2-dichlorobenzene	BQL	27.2	11.6	42.8*	75.1-120
1,3-dichlorobenzene	BQL	27.2	10.8	39.7*	73.1-121
1,4-dichlorobenzene	BQL	27.2	10.9	40.0*	74.8-118
trans-1,4-Dichloro-2-butene	BQL	136	124	91.1	25.7-149
dichlorodifluoromethane	BQL	27.2	21.1	77.7	41.7-166
1,1-dichloroethane	BQL	27.2	23.2	85.3	75.6-128
1,2-dichloroethane	BQL	27.2	26.9	98.9	71.1-127
1,1-dichloroethene	27.4	27.2	15.2	56.1*	64.4-130
cis-1,2-dichloroethene	BQL	27.2	23.4	86.1	72.7-134
trans-1,2-dichloroethene	BQL	27.2	21.5	79.2	74.6-124
1,2-dichloropropane	BQL	27.2	23.3	85.9	76.5-129
1,3-dichloropropane	BQL	27.2	24.6	90.8	79.1-121
2,2-dichloropropane	BQL	27.2	23.3	85.9	31.5-157
1,1-dichloropropene	BQL	27.2	19.6	72.2*	72.5-120
cis-1,3-dichloropropene	BQL	27.2	22.6	83.2	66.6-132

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 72 outside of limits

Spike Recovery: 31 out of 144 outside of limits

COMMENTS:

Lab Name: SGS Environmental Contract:

Lab Code: NC00919 Case No.: SAS No.: SDG No.:

Matrix Spike - EPA Sample No.: G121-406-3b

COMPOUND	SAMPLE CONC (µg/kg)	MS SPIKE (µg/kg)	MS CONC (µg/kg)	MS % REC #	Recovery Limits
trans-1,3-dichloropropene	BQL	27.2	23.7	87.3	44.7-144
Diisopropyl ether	BQL	27.2	26.2	96.4	79.4-122
ethylbenzene	BQL	27.2	16.3	60.1*	73.8-126
hexachlorobutadiene	BQL	27.2	6.16	22.7*	51.8-134
2-hexanone	BQL	27.2	65.5	241*	41.6-111
Iodomethane	BQL	27.2	23.6	87.1	40.6-126
isopropylbenzene	BQL	27.2	14.5	53.3*	74.3-123
4-isopropyltoluene	BQL	27.2	10.4	38.3*	74.6-122
Methyl-tert-butyl ether	BQL	27.2	30.3	111	66.5-136
methylene chloride	BQL	109	25.4	23.4*	48.6-155
4-methyl-2-pentanone	BQL	27.2	88.6	326*	6.88-166
naphthalene	BQL	27.2	9.16	33.7*	55.1-140
n-propyl benzene	BQL	27.2	11.7	43.2*	71.6-128
styrene	BQL	27.2	15.2	56.1*	73.2-123
1,1,1,2-tetrachloroethane	BQL	27.2	21.0	77.3	69.4-120
1,1,2,2-tetrachloroethane	BQL	27.2	25.4	93.5	75.7-136
tetrachloroethene	BQL	27.2	16.2	59.8	45.8-153
toluene	BQL	27.2	19.8	73.0	66.4-128
1,2,3-trichlorobenzene	BQL	27.2	6.15	22.6*	61.0-126
1,2,4-trichlorobenzene	BQL	27.2	6.10	22.5*	60.6-125
1,1,1-trichloroethane	BQL	27.2	22.6	83.3	78.4-121
1,1,2-trichloroethane	BQL	27.2	25.0	92.2	64.8-128
trichloroethene	BQL	27.2	19.7	72.6*	84.9-136
trichlorofluoromethane	BQL	27.2	20.4	75.1*	76.8-132
1,2,3-trichloropropane	BQL	27.2	23.7	87.2	10.0-218
1,2,4-trimethylbenzene	BQL	27.2	12.9	47.4	31.0-172
1,3,5-trimethylbenzene	BQL	27.2	12.9	47.4*	67.7-132
Vinyl acetate	BQL	67.9	61.7	90.9	NA-355
vinyl chloride	7.74	27.2	20.9	76.9	68.1-137
m/p-xylene	BQL	54.3	32.0	58.9*	79.8-118
o-xylene	BQL	27.2	17.2	63.2*	80.0-121

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

RPD: 0 out of 72 outside of limits

Spike Recovery: 31 out of 144 outside of limits

COMMENTS:

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G582-379

098264

(1)
CLIENT: ARCADIS - Pittsburgh, PA
CONTACT: Mark Hanish PHONE NO:(412) 231-6624
PROJECT: AVX-Myrtle Beach SITE/PWSID#: SCD 062690557
REPORTS TO: Mark Hanish FAX NO.:(412) 231-6147
INVOICE TO: Mark Hanish QUOTE #:
P.O. NUMBER: 8000739310000

SGS Reference: Barbara Hagen (SGS PM)

PAGE 1 OF 2

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C=COMP, G=GRAB)	(3) Analysis Required: VOCs (HCl)	VOCs (NaHSO4)	% solids (None)	REMARKS
	SB-PDG-1(1.5-2)	6/2/09	1130	So	5	G	1	3	1	
	SB-PDG-2(1-1.5)		1140		5	G	1	3	1	
	SB-PDG-3(1.5-2)		1150		5	G	1	3	1	
	SB-PDG-4(1.5-2)		1200		5	G	1	3	1	
	SB-PDG-5(1.5-2)		1210		5	G	1	3	1	
	SB-PDG-6(1.5-2)		1220		5	G	1	3	1	
	SB-PDG-7(1.5-2)		1230		5	G	1	3	1	
	SB-PDG-8(1.5-2)		1240		5	G	1	3	1	
	SB-PDG-9(1.5-2)		1250		5	G	1	3	1	
	SB-PDG-10(1.5-2)		1300		5	G	1	3	1	

(5)

	Date	Time	Received By:
Collected/Relinquished By:(1)	6/2/09	1700	
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	6/3/09	10:05	Received By:

(4)

Shipping Carrier: Fed Ex
Shipping Ticket No:
Samples Received Cold? (Circle) YES NO
Temperature°C: 5.3
Special Deliverable Requirements:
Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT
Special Instructions:
Requested Turnaround Time: ☐ RUSH _____ Date Needed ☒ STD

SGS North America, Inc.

☐ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
☒ 5500 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557

White - Retained by Lab
Pink - Retained by Client

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- North Carolina
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G682-879

098265

(1)

CLIENT: ARCADIS - Pittsburgh, PA

CONTACT: Mark Hamish PHONE NO: (412) 231-6624

PROJECT: AVX - Myrtle Beach SITE/PWSID#: SCD 062690557

REPORTS TO: Mark Hamish FAX NO.: (412) 231-6147

INVOICE TO: Mark Hamish QUOTE #:

P.O. NUMBER: B0007393.0000

SGS Reference: (SGS PM) Barbara Hagen

PAGE 2 OF 2

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C=COMP G=GRAB)	Preservatives Used	Analysis Required (3) MeOH VOCs	NaBiSO4 VOCs	Non % Solids	REMARKS
✓	SB-PD(4-11(1.5-2)	6/2/09	1310	SO	5	4		1	3	1	
	Trip blank	—	—	—	2	—		1	1		

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
Thomas H Orf III	6/2/09	1700	
Relinquished By: (2)	Date	Time	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:
	6/3/09	TP 5. 1005	

(4)

Shipping Carrier:

Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature °C: 5.3

Special Deliverable Requirements:

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Special Instructions:

Requested Turnaround Time:

☐ RUSH _____ Date Needed ☒ STD

SGS North America, Inc.

☐ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
☒ 5500 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557

White - Retained by Lab
Pink - Retained by Client

SGS

Mark Hanish
Arcadis
600 Waterfront Dr.
Pittsburgh, PA 15222

Report Number: G582-624

Client Project: AVX Myrtle Beach B0007393.0000

Dear Mark Hanish,

Enclosed are the results of the analytical services performed under the referenced project for the received samples and associated QC as applicable. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or services performed during this project, please call Barbara Hager at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS North America, Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America, Inc.

Barbara Hager Jan. 19.2010

Project Manager Date
Barbara Hager

List of Reporting Abbreviations
And Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantification Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL/CL = Reporting Limit / Control Limit

RPD = Relative Percent Difference

UJ = Target analytes with recoveries that are 10% < %R < LCL; # of MEs are allowable and compounds are not detected in the sample.

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:
1) Metals and mercury samples are digested with a hot block; see the standard operating procedure document for details.
2) Uncertainty for all reported data is less than or equal to 30 percent.

MI34.021808.4

SGS North America, Inc.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-12
Client Project ID: AVX Myrtle Beach B0007393.0000
Lab Sample ID G582-624-1B
Lab Project ID: G582-624
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-14-2010 16:00
Date Received: 1/15/2010
Matrix: Soil
Sample Amount: 6.21 g
%Solids: 88.2

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**43.9**	45.6	6.31	1	1/19/2010	J
Benzene	BQL	4.56	0.977	1	1/19/2010	
Bromobenzene	BQL	4.56	0.940	1	1/19/2010	
Bromochloromethane	BQL	4.56	1.57	1	1/19/2010	
Bromodichloromethane	BQL	4.56	0.906	1	1/19/2010	
Bromoform	BQL	4.56	0.913	1	1/19/2010	
Bromomethane	BQL	4.56	0.959	1	1/19/2010	
2-Butanone	**8.85**	22.8	4.96	1	1/19/2010	J
n-Butylbenzene	BQL	4.56	0.872	1	1/19/2010	
sec-Butylbenzene	BQL	4.56	0.922	1	1/19/2010	
tert-Butylbenzene	BQL	4.56	1.02	1	1/19/2010	
Carbon disulfide	BQL	4.56	2.45	1	1/19/2010	
Carbon tetrachloride	BQL	4.56	0.931	1	1/19/2010	
Chlorobenzene	BQL	4.56	1.09	1	1/19/2010	
Chloroethane	BQL	4.56	1.45	1	1/19/2010	
Chloroform	BQL	4.56	1.10	1	1/19/2010	
Chloromethane	BQL	4.56	1.03	1	1/19/2010	
2-Chlorotoluene	BQL	4.56	0.922	1	1/19/2010	
4-Chlorotoluene	BQL	4.56	1.14	1	1/19/2010	
Dibromochloromethane	BQL	4.56	1.26	1	1/19/2010	
1,2-Dibromo-3-chloropropane	BQL	22.8	1.32	1	1/19/2010	
Dibromomethane	BQL	4.56	1.38	1	1/19/2010	
1,2-Dibromoethane (EDB)	BQL	4.56	1.03	1	1/19/2010	
1,2-Dichlorobenzene	BQL	4.56	1.18	1	1/19/2010	
1,3-Dichlorobenzene	BQL	4.56	1.17	1	1/19/2010	
1,4-Dichlorobenzene	BQL	4.56	0.959	1	1/19/2010	
trans-1,4-Dichloro-2-butene	BQL	22.8	1.26	1	1/19/2010	
1,1-Dichloroethane	BQL	4.56	0.968	1	1/19/2010	
1,1-Dichloroethene	BQL	4.56	1.35	1	1/19/2010	
1,2-Dichloroethane	BQL	4.56	1.20	1	1/19/2010	
cis-1,2-Dichloroethene	BQL	4.56	1.17	1	1/19/2010	
trans-1,2-dichloroethene	BQL	4.56	1.03	1	1/19/2010	
1,2-Dichloropropane	BQL	4.56	1.08	1	1/19/2010	
1,3-Dichloropropane	BQL	4.56	1.02	1	1/19/2010	
2,2-Dichloropropane	BQL	4.56	1.10	1	1/19/2010	
1,1-Dichloropropene	BQL	4.56	1.43	1	1/19/2010	
cis-1,3-Dichloropropene	BQL	4.56	0.760	1	1/19/2010	
trans-1,3-Dichloropropene	BQL	4.56	0.879	1	1/19/2010	
Dichlorodifluoromethane	BQL	4.56	1.20	1	1/19/2010	
Diisopropyl ether (DIPE)	BQL	4.56	1.03	1	1/19/2010	
Ethylbenzene	BQL	4.56	0.791	1	1/19/2010	
Hexachlorobutadiene	BQL	4.56	0.890	1	1/19/2010	
2-Hexanone	BQL	11.4	2.96	1	1/19/2010	
Iodomethane	BQL	4.56	0.986	1	1/19/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-12
Client Project ID: AVX Myrtle Beach B0007393.0000
Lab Sample ID G582-624-1B
Lab Project ID: G582-624
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-14-2010 16:00
Date Received: 1/15/2010
Matrix: Soil
Sample Amount: 6.21 g
%Solids: 88.2

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	4.56	0.811	1	1/19/2010	
4-Isopropyltoluene	BQL	4.56	0.977	1	1/19/2010	
Methylene chloride	BQL	18.3	1.09	1	1/19/2010	
4-Methyl-2-pentanone	BQL	11.4	4.23	1	1/19/2010	
Methyl-tert-butyl ether (MTBE)	BQL	4.56	1.01	1	1/19/2010	
Naphthalene	BQL	4.56	0.776	1	1/19/2010	
n-Propyl benzene	BQL	4.56	1.15	1	1/19/2010	
Styrene	BQL	4.56	1.00	1	1/19/2010	
1,1,1,2-Tetrachloroethane	BQL	4.56	0.931	1	1/19/2010	
1,1,2,2-Tetrachloroethane	BQL	4.56	1.03	1	1/19/2010	
Tetrachloroethene	BQL	4.56	0.836	1	1/19/2010	
Toluene	BQL	4.56	0.910	1	1/19/2010	
1,2,3-Trichlorobenzene	BQL	4.56	0.949	1	1/19/2010	
1,2,4-Trichlorobenzene	BQL	4.56	0.940	1	1/19/2010	
Trichloroethene	BQL	4.56	0.871	1	1/19/2010	
1,1,1-Trichloroethane	BQL	4.56	1.03	1	1/19/2010	
1,1,2-Trichloroethane	BQL	4.56	1.50	1	1/19/2010	
Trichlorofluoromethane	BQL	4.56	0.940	1	1/19/2010	
1,2,3-Trichloropropane	BQL	4.56	1.13	1	1/19/2010	
1,2,4-Trimethylbenzene	BQL	4.56	1.15	1	1/19/2010	
1,3,5-Trimethylbenzene	BQL	4.56	1.04	1	1/19/2010	
Vinyl chloride	BQL	4.56	1.24	1	1/19/2010	
m-,p-Xylene	BQL	9.13	1.75	1	1/19/2010	
o-Xylene	BQL	4.56	0.885	1	1/19/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	69	138
Toluene-d8	50	51.8	104
4-Bromofluorobenzene	50	45.4	91

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-13
Client Project ID: AVX Myrtle Beach B0007393.0000
Lab Sample ID G582-624-2B
Lab Project ID: G582-624
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-14-2010 16:15
Date Received: 1/15/2010
Matrix: Soil
Sample Amount: 6.84 g
%Solids: 89.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**17.1**	41.0	5.67	1	1/19/2010	J
Benzene	BQL	4.10	0.878	1	1/19/2010	
Bromobenzene	BQL	4.10	0.845	1	1/19/2010	
Bromochloromethane	BQL	4.10	1.41	1	1/19/2010	
Bromodichloromethane	BQL	4.10	0.814	1	1/19/2010	
Bromoform	BQL	4.10	0.820	1	1/19/2010	
Bromomethane	BQL	4.10	0.861	1	1/19/2010	
2-Butanone	BQL	20.5	4.45	1	1/19/2010	
n-Butylbenzene	BQL	4.10	0.783	1	1/19/2010	
sec-Butylbenzene	BQL	4.10	0.828	1	1/19/2010	
tert-Butylbenzene	BQL	4.10	0.919	1	1/19/2010	
Carbon disulfide	BQL	4.10	2.20	1	1/19/2010	
Carbon tetrachloride	BQL	4.10	0.837	1	1/19/2010	
Chlorobenzene	BQL	4.10	0.976	1	1/19/2010	
Chloroethane	BQL	4.10	1.30	1	1/19/2010	
Chloroform	BQL	4.10	0.984	1	1/19/2010	
Chloromethane	BQL	4.10	0.927	1	1/19/2010	
2-Chlorotoluene	BQL	4.10	0.828	1	1/19/2010	
4-Chlorotoluene	BQL	4.10	1.03	1	1/19/2010	
Dibromochloromethane	BQL	4.10	1.13	1	1/19/2010	
1,2-Dibromo-3-chloropropane	BQL	20.5	1.19	1	1/19/2010	
Dibromomethane	BQL	4.10	1.24	1	1/19/2010	
1,2-Dibromoethane (EDB)	BQL	4.10	0.927	1	1/19/2010	
1,2-Dichlorobenzene	BQL	4.10	1.06	1	1/19/2010	
1,3-Dichlorobenzene	BQL	4.10	1.05	1	1/19/2010	
1,4-Dichlorobenzene	BQL	4.10	0.861	1	1/19/2010	
trans-1,4-Dichloro-2-butene	BQL	20.5	1.13	1	1/19/2010	
1,1-Dichloroethane	BQL	4.10	0.869	1	1/19/2010	
1,1-Dichloroethene	BQL	4.10	1.21	1	1/19/2010	
1,2-Dichloroethane	BQL	4.10	1.08	1	1/19/2010	
cis-1,2-Dichloroethene	BQL	4.10	1.05	1	1/19/2010	
trans-1,2-dichloroethene	BQL	4.10	0.927	1	1/19/2010	
1,2-Dichloropropane	BQL	4.10	0.968	1	1/19/2010	
1,3-Dichloropropane	BQL	4.10	0.919	1	1/19/2010	
2,2-Dichloropropane	BQL	4.10	0.984	1	1/19/2010	
1,1-Dichloropropene	BQL	4.10	1.29	1	1/19/2010	
cis-1,3-Dichloropropene	BQL	4.10	0.683	1	1/19/2010	
trans-1,3-Dichloropropene	BQL	4.10	0.790	1	1/19/2010	
Dichlorodifluoromethane	BQL	4.10	1.08	1	1/19/2010	
Diisopropyl ether (DIPE)	BQL	4.10	0.927	1	1/19/2010	
Ethylbenzene	BQL	4.10	0.710	1	1/19/2010	
Hexachlorobutadiene	BQL	4.10	0.800	1	1/19/2010	
2-Hexanone	BQL	10.3	2.66	1	1/19/2010	
Iodomethane	BQL	4.10	0.886	1	1/19/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-13
Client Project ID: AVX Myrtle Beach B0007393.0000
Lab Sample ID G582-624-2B
Lab Project ID: G582-624
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-14-2010 16:15
Date Received: 1/15/2010
Matrix: Soil
Sample Amount: 6.84 g
%Solids: 89.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	4.10	0.728	1	1/19/2010	
4-Isopropyltoluene	BQL	4.10	0.878	1	1/19/2010	
Methylene chloride	BQL	16.4	0.976	1	1/19/2010	
4-Methyl-2-pentanone	BQL	10.3	3.80	1	1/19/2010	
Methyl-tert-butyl ether (MTBE)	BQL	4.10	0.910	1	1/19/2010	
Naphthalene	BQL	4.10	0.697	1	1/19/2010	
n-Propyl benzene	BQL	4.10	1.03	1	1/19/2010	
Styrene	BQL	4.10	0.902	1	1/19/2010	
1,1,1,2-Tetrachloroethane	BQL	4.10	0.837	1	1/19/2010	
1,1,2,2-Tetrachloroethane	BQL	4.10	0.927	1	1/19/2010	
Tetrachloroethene	BQL	4.10	0.751	1	1/19/2010	
Toluene	BQL	4.10	0.818	1	1/19/2010	
1,2,3-Trichlorobenzene	BQL	4.10	0.853	1	1/19/2010	
1,2,4-Trichlorobenzene	BQL	4.10	0.845	1	1/19/2010	
Trichloroethene	BQL	4.10	0.783	1	1/19/2010	
1,1,1-Trichloroethane	BQL	4.10	0.927	1	1/19/2010	
1,1,2-Trichloroethane	BQL	4.10	1.35	1	1/19/2010	
Trichlorofluoromethane	BQL	4.10	0.845	1	1/19/2010	
1,2,3-Trichloropropane	BQL	4.10	1.02	1	1/19/2010	
1,2,4-Trimethylbenzene	BQL	4.10	1.03	1	1/19/2010	
1,3,5-Trimethylbenzene	BQL	4.10	0.935	1	1/19/2010	
Vinyl chloride	BQL	4.10	1.12	1	1/19/2010	
m-,p-Xylene	BQL	8.20	1.57	1	1/19/2010	
o-Xylene	BQL	4.10	0.795	1	1/19/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	67.8	136
Toluene-d8	50	50.8	102
4-Bromofluorobenzene	50	45.3	91

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID VBLK9011910B
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected:
Date Received:
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	50.0	6.91	1	1/19/2010	
Benzene	BQL	5.00	1.07	1	1/19/2010	
Bromobenzene	BQL	5.00	1.03	1	1/19/2010	
Bromochloromethane	BQL	5.00	1.72	1	1/19/2010	
Bromodichloromethane	BQL	5.00	0.992	1	1/19/2010	
Bromoform	BQL	5.00	1.00	1	1/19/2010	
Bromomethane	BQL	5.00	1.05	1	1/19/2010	
2-Butanone	BQL	25.0	5.43	1	1/19/2010	
n-Butylbenzene	BQL	5.00	0.955	1	1/19/2010	
sec-Butylbenzene	BQL	5.00	1.01	1	1/19/2010	
tert-Butylbenzene	BQL	5.00	1.12	1	1/19/2010	
Carbon disulfide	BQL	5.00	2.68	1	1/19/2010	
Carbon tetrachloride	BQL	5.00	1.02	1	1/19/2010	
Chlorobenzene	BQL	5.00	1.19	1	1/19/2010	
Chloroethane	BQL	5.00	1.59	1	1/19/2010	
Chloroform	BQL	5.00	1.20	1	1/19/2010	
Chloromethane	BQL	5.00	1.13	1	1/19/2010	
2-Chlorotoluene	BQL	5.00	1.01	1	1/19/2010	
4-Chlorotoluene	BQL	5.00	1.25	1	1/19/2010	
Dibromochloromethane	BQL	5.00	1.38	1	1/19/2010	
1,2-Dibromo-3-chloropropane	BQL	25.0	1.45	1	1/19/2010	
Dibromomethane	BQL	5.00	1.51	1	1/19/2010	
1,2-Dibromoethane (EDB)	BQL	5.00	1.13	1	1/19/2010	
1,2-Dichlorobenzene	BQL	5.00	1.29	1	1/19/2010	
1,3-Dichlorobenzene	BQL	5.00	1.28	1	1/19/2010	
1,4-Dichlorobenzene	BQL	5.00	1.05	1	1/19/2010	
trans-1,4-Dichloro-2-butene	BQL	25.0	1.38	1	1/19/2010	
1,1-Dichloroethane	BQL	5.00	1.06	1	1/19/2010	
1,1-Dichloroethene	BQL	5.00	1.48	1	1/19/2010	
1,2-Dichloroethane	BQL	5.00	1.32	1	1/19/2010	
cis-1,2-Dichloroethene	BQL	5.00	1.28	1	1/19/2010	
trans-1,2-dichloroethene	BQL	5.00	1.13	1	1/19/2010	
1,2-Dichloropropane	BQL	5.00	1.18	1	1/19/2010	
1,3-Dichloropropane	BQL	5.00	1.12	1	1/19/2010	
2,2-Dichloropropane	BQL	5.00	1.20	1	1/19/2010	
1,1-Dichloropropene	BQL	5.00	1.57	1	1/19/2010	
cis-1,3-Dichloropropene	BQL	5.00	0.833	1	1/19/2010	
trans-1,3-Dichloropropene	BQL	5.00	0.963	1	1/19/2010	
Dichlorodifluoromethane	BQL	5.00	1.32	1	1/19/2010	
Diisopropyl ether (DIPE)	BQL	5.00	1.13	1	1/19/2010	
Ethylbenzene	BQL	5.00	0.866	1	1/19/2010	
Hexachlorobutadiene	BQL	5.00	0.975	1	1/19/2010	
2-Hexanone	BQL	12.5	3.24	1	1/19/2010	
Iodomethane	BQL	5.00	1.08	1	1/19/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID VBLK9011910B
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected:
Date Received:
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	5.00	0.888	1	1/19/2010	
4-Isopropyltoluene	BQL	5.00	1.07	1	1/19/2010	
Methylene chloride	**5.47**	20.0	1.19	1	1/19/2010	J
4-Methyl-2-pentanone	BQL	12.5	4.63	1	1/19/2010	
Methyl-tert-butyl ether (MTBE)	BQL	5.00	1.11	1	1/19/2010	
Naphthalene	BQL	5.00	0.850	1	1/19/2010	
n-Propyl benzene	BQL	5.00	1.26	1	1/19/2010	
Styrene	BQL	5.00	1.10	1	1/19/2010	
1,1,1,2-Tetrachloroethane	BQL	5.00	1.02	1	1/19/2010	
1,1,2,2-Tetrachloroethane	BQL	5.00	1.13	1	1/19/2010	
Tetrachloroethene	BQL	5.00	0.916	1	1/19/2010	
Toluene	BQL	5.00	0.997	1	1/19/2010	
1,2,3-Trichlorobenzene	BQL	5.00	1.04	1	1/19/2010	
1,2,4-Trichlorobenzene	BQL	5.00	1.03	1	1/19/2010	
Trichloroethene	BQL	5.00	0.954	1	1/19/2010	
1,1,1-Trichloroethane	BQL	5.00	1.13	1	1/19/2010	
1,1,2-Trichloroethane	BQL	5.00	1.64	1	1/19/2010	
Trichlorofluoromethane	BQL	5.00	1.03	1	1/19/2010	
1,2,3-Trichloropropane	BQL	5.00	1.24	1	1/19/2010	
1,2,4-Trimethylbenzene	BQL	5.00	1.26	1	1/19/2010	
1,3,5-Trimethylbenzene	BQL	5.00	1.14	1	1/19/2010	
Vinyl chloride	BQL	5.00	1.36	1	1/19/2010	
m-,p-Xylene	BQL	10.0	1.92	1	1/19/2010	
o-Xylene	BQL	5.00	0.969	1	1/19/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	51.2	102
Toluene-d8	50	50.4	101
4-Bromofluorobenzene	50	48.3	97

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Dilution: 1

Lab Code: NC00919 — Matrix: Soil

LCS: LCS9011910A — Filename: 0119903.D — Date Analyzed: 01/19/10 11:07

LCSD: LCS9011910B — Filename: 0119904.D — Date Analyzed: 01/19/10 11:33

COMPOUND	LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	75.0	79.8	106	75.0	67.4	89.9	16.8	30	16.7-286
acrolein	300	325	108	300	332	111	2.18	30	16.7-226
acrylonitrile	300	306	102	300	326	108	6.04	30	13.3-201
benzene	30.0	30.7	102	30.0	30.8	103	0.976	30	68.6-132
bromobenzene	30.0	32.8	109	30.0	27.4	91.2	18.1	30	56.7-146
bromochloromethane	30.0	33.8	113	30.0	30.0	99.9	12.1	30	52.5-154
bromodichloromethane	30.0	32.7	109	30.0	32.0	107	1.92	30	65.4-137
bromoform	30.0	33.8	113	30.0	29.2	97.2	14.7	30	48.3-147
bromomethane	30.0	25.1	83.7	30.0	20.8	69.5	18.5	30	16.7-246
2-butanone	75.0	80.9	108	75.0	78.4	104	3.23	30	16.7-314
n-butylbenzene	30.0	29.9	99.8	30.0	31.4	105	4.86	30	58.4-135
sec-butylbenzene	30.0	29.9	99.6	30.0	30.4	101	1.66	30	57.2-136
tert-butylbenzene	30.0	30.5	102	30.0	30.6	102	0.426	30	50.8-139
Carbon disulfide	30.0	30.5	102	30.0	28.7	95.5	6.22	30	16.7-276
carbon tetrachloride	30.0	31.8	106	30.0	27.4	91.4	14.8	30	61.1-141
chlorobenzene	30.0	30.9	103	30.0	27.7	92.4	10.8	30	63.0-129
chloroethane	30.0	30.2	101	30.0	26.9	89.8	11.5	30	22.5-200
2-chloroethyl vinyl ether	300	333	111	300	335	112	0.730	30	16.7-275
chloroform	30.0	30.3	101	30.0	30.5	102	0.756	30	65.0-137
chloromethane	30.0	32.1	107	30.0	29.0	96.6	10.2	30	16.7-182
2-chlorotoluene	30.0	30.8	103	30.0	28.3	94.4	8.39	30	61.1-138
4-chlorotoluene	30.0	30.3	101	30.0	29.1	96.9	4.21	30	63.8-134
dibromochloromethane	30.0	32.6	109	30.0	27.4	91.4	17.2	30	56.0-144
1,2-dibromo-3-chloropropane	150	168	112	150	185	123	9.21	30	16.7-213
1,2-dibromoethane	30.0	32.6	109	30.0	29.8	99.2	9.08	30	58.8-139
dibromomethane	30.0	33.9	113	30.0	33.0	110	2.54	30	54.1-154
1,2-dichlorobenzene	30.0	32.1	107	30.0	30.3	101	5.80	30	61.5-138
1,3-dichlorobenzene	30.0	32.1	107	30.0	30.0	100	6.70	30	61.5-138
1,4-dichlorobenzene	30.0	31.5	105	30.0	29.4	97.9	6.90	30	61.1-138
trans-1,4-Dichloro-2-butene	150	177	118	150	187	125	5.47	30	16.7-212
dichlorodifluoromethane	30.0	31.2	104	30.0	29.1	96.9	7.00	30	25.4-165
1,1-dichloroethane	30.0	29.5	98.5	30.0	29.2	97.4	1.16	30	62.4-140
1,2-dichloroethane	30.0	30.9	103	30.0	33.8	112	8.94	30	55.3-152
1,1-dichloroethene	30.0	30.7	102	30.0	29.2	97.5	4.51	30	65.4-134
cis-1,2-dichloroethene	30.0	31.5	105	30.0	29.9	99.8	5.11	30	63.8-138
trans-1,2-dichloroethene	30.0	29.9	99.7	30.0	28.7	95.7	4.02	30	63.3-139
1,2-dichloropropane	30.0	31.8	106	30.0	33.6	112	5.60	30	60.0-139
1,3-dichloropropane	30.0	31.4	105	30.0	31.2	104	0.606	30	62.3-136
2,2-dichloropropane	30.0	30.7	102	30.0	29.6	98.6	3.68	30	62.5-140
1,1-dichloropropene	30.0	31.0	103	30.0	30.5	102	1.33	30	60.9-136
cis-1,3-dichloropropene	30.0	33.2	111	30.0	33.8	113	1.76	30	59.8-141

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

_____

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Dilution: 1

Lab Code: NC00919 — Matrix: Soil

LCS: LCS9011910A — Filename: 0119903.D — Date Analyzed: 01/19/10 11:07

LCSD: LCS9011910B — Filename: 0119904.D — Date Analyzed: 01/19/10 11:33

COMPOUND	LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	30.0	33.3	111	30.0	34.3	114	3.05	30	7.27-173
Diisopropyl ether	30.0	29.9	99.6	30.0	31.1	104	3.84	30	9.01-172
ethylbenzene	30.0	30.5	102	30.0	31.0	103	1.66	30	16.7-187
hexachlorobutadiene	30.0	30.6	102	30.0	31.1	104	1.81	30	16.7-173
2-hexanone	75.0	87.4	116	75.0	84.6	113	3.25	30	16.7-304
Iodomethane	30.0	30.8	103	30.0	29.8	99.5	3.17	30	16.7-200
isopropylbenzene	30.0	30.1	100	30.0	30.6	102	1.52	30	6.43-167
4-isopropyltoluene	30.0	30.8	102	30.0	30.9	103	0.357	30	6.97-170
Methyl-tert-butyl ether	30.0	31.3	104	30.0	32.3	108	2.99	30	10.7-173
methylene chloride	30.0	36.3	121	30.0	36.7	122	1.12	30	8.58-169
4-methyl-2-pentanone	75.0	89.3	119	75.0	98.8	132	10.0	30	16.7-293
naphthalene	30.0	35.6	119	30.0	33.8	112	5.30	30	16.7-175
n-propyl benzene	30.0	30.4	101	30.0	31.4	105	3.43	30	7.25-172
styrene	30.0	31.1	104	30.0	31.9	106	2.70	30	10.2-168
1,1,1,2-tetrachloroethane	30.0	32.0	107	30.0	27.6	92.1	14.7	30	5.87-177
1,1,2,2-tetrachloroethane	30.0	32.7	109	30.0	33.4	111	2.21	30	10.9-168
tetrachloroethene	30.0	30.7	102	30.0	25.6	85.3	18.1	30	16.7-195
toluene	**30.0**	**32.1**	**107**	**30.0**	**31.2**	**104**	**2.84**	**30**	**26.6-159**
1,2,3-trichlorobenzene	30.0	33.6	112	30.0	31.4	104	6.92	30	4.64-169
1,2,4-trichlorobenzene	30.0	34.9	116	30.0	30.9	103	12.2	30	6.55-165
1,1,1-trichloroethane	30.0	31.3	104	30.0	29.0	96.6	7.60	30	8.40-173
1,1,2-trichloroethane	30.0	31.5	105	30.0	31.3	104	0.828	30	12.2-166
trichloroethene	**30.0**	**31.6**	**105**	**30.0**	**30.3**	**101**	**3.88**	**30**	**24.0-158**
trichlorofluoromethane	30.0	31.9	106	30.0	28.6	95.2	11.1	30	5.64-183
1,2,3-trichloropropane	30.0	33.4	111	30.0	34.2	114	2.16	30	16.7-186
1,2,4-trimethylbenzene	30.0	30.6	102	30.0	31.0	103	1.33	30	8.60-168
1,3,5-trimethylbenzene	30.0	29.4	98.0	30.0	30.1	100	2.49	30	8.09-168
Vinyl acetate	75.0	76.5	102	75.0	80.9	108	5.59	30	16.7-225
vinyl chloride	30.0	31.6	105	30.0	29.5	98.4	6.74	30	7.56-178
m/p-xylene	60.0	60.5	101	60.0	59.7	99.5	1.36	30	8.91-169
o-xylene	30.0	30.8	103	30.0	31.3	104	1.61	30	9.45-167

System Monitoring Compound Results

		LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	50	48.8	97.6	50	48.91	97.8	49.1-151
17060-07-0	1,2-Dichloroethane-d4	50	52.99	106	50	55.06	110	37.8-170
2037-26-5	Toluene-d8	50	51.21	102	50	51.79	104	58.8-144

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS Spike Recovery: 0 failure(s) out of 72. LCSD Spike Recovery: 0 failure(s) out of 72.

RPD: 0 out of 72 outside of limits

COMMENTS: _____

Analyst: _____ Reviewed by: _____

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096258

(1)

CLIENT: ARCADIS

CONTACT: AARON RICHARDSON PHONE NO:(585) 202-4393

PROJECT: AUX - Myrtle Beach 60007393.0000 SITE/PWSID#:

REPORTS TO: MARK HANISH, 310 SEVEN FIELDS BLVD. SUITE 210, SEVEN FIELDS, PA 16046 FAX NO.:(724) 742-9189

INVOICE TO: ARCADIS, 630 Plaza Dr. Highlands Ranch, CO 80129 QUOTE #:

P.O. NUMBER: 60007393.0000

SGS Reference: G582-624

PAGE 1 OF 1

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE C=COMP G=GRAB	Preservatives Used	Analysis Required (3) VOC-8260	REMARKS
	SB-PDG-12	1/14/10	1600	SOIL	5	G		X	
	SB-PDG-13	1/14/10	1615	SOIL	5	G		X	

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
	1/14/10	1700	
Relinquished By: (2)	Date 1/15/10	Time 1000	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Shipping Carrier:

Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature°C: 3.2°C

Special Deliverable Requirements:

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Special Instructions: Call with results as soon as available

Requested Turnaround Time: ☒ RUSH 24-Hour Date Needed ☐ STD

SGS North America, Inc.

❑ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
☒ 5500 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557

White - Retained by Lab
Pink - Retained by Client

SGS

Mark Hanish
Arcadis
600 Waterfront Dr.
Pittsburgh, PA 15222

Report Number: G582-625

Client Project: AVX

Dear Mark Hanish,

Enclosed are the results of the analytical services performed under the referenced project for the received samples and associated QC as applicable. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or services performed during this project, please call Barbara Hager at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS North America, Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America, Inc.

Barbara Hager Jan 19. 2010

Project Manager
Barbara Hager

Date

Case Narrative
Arcadis
SGS Project: **G582-625**
Project Name: **AVX**

SGS North America; Inc.

January 18th, 2010

- Three soil samples were accepted into the laboratory on January 16th, 2010 at 1030 for analyses as indicated on the chain of custody. The samples were received in good condition, with a ambient temperature.
- All extractions and analyses were completed within holding time limits, with the following quality control exceptions.

8260/5035 Analysis

- Methylene Chloride was detected in the LMB associated with batch 9011910B at a concentration of 5.47 µg/Kg. This concentration has been 'J' flagged on the LMB data. This compound was also detected in the associated samples and the **Trip Blank** at similar concentrations and has been 'JB' flagged on the sample data. These values may be attributed to possible laboratory contamination.

Craig R Tronzo Date 1/19/10
Craig R Tronzo
Data Validation

List of Reporting Abbreviations
And Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantification Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL/CL = Reporting Limit / Control Limit

RPD = Relative Percent Difference

UJ = Target analytes with recoveries that are 10% < %R < LCL; # of MEs are allowable and compounds are not detected in the sample.

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:
1) Metals and mercury samples are digested with a hot block; see the standard operating procedure document for details.
2) Uncertainty for all reported data is less than or equal to 30 percent.

MI34.021808.4

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-14
Client Project ID: AVX
Lab Sample ID G582-625-1B
Lab Project ID: G582-625
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-15-2010 10:00
Date Received: 1/16/2010
Matrix: Soil
Sample Amount: 7.03 g
%Solids: 84.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**16.2**	42.3	5.85	1	1/19/2010	J
Benzene	BQL	4.23	0.906	1	1/19/2010	
Bromobenzene	BQL	4.23	0.872	1	1/19/2010	
Bromochloromethane	BQL	4.23	1.46	1	1/19/2010	
Bromodichloromethane	BQL	4.23	0.840	1	1/19/2010	
Bromoform	BQL	4.23	0.846	1	1/19/2010	
Bromomethane	BQL	4.23	0.889	1	1/19/2010	
2-Butanone	BQL	21.2	4.60	1	1/19/2010	
n-Butylbenzene	BQL	4.23	0.808	1	1/19/2010	
sec-Butylbenzene	BQL	4.23	0.855	1	1/19/2010	
tert-Butylbenzene	BQL	4.23	0.948	1	1/19/2010	
Carbon disulfide	BQL	4.23	2.27	1	1/19/2010	
Carbon tetrachloride	BQL	4.23	0.863	1	1/19/2010	
Chlorobenzene	BQL	4.23	1.01	1	1/19/2010	
Chloroethane	BQL	4.23	1.35	1	1/19/2010	
Chloroform	BQL	4.23	1.02	1	1/19/2010	
Chloromethane	BQL	4.23	0.956	1	1/19/2010	
2-Chlorotoluene	BQL	4.23	0.855	1	1/19/2010	
4-Chlorotoluene	BQL	4.23	1.06	1	1/19/2010	
Dibromochloromethane	BQL	4.23	1.17	1	1/19/2010	
1,2-Dibromo-3-chloropropane	BQL	21.2	1.23	1	1/19/2010	
Dibromomethane	BQL	4.23	1.28	1	1/19/2010	
1,2-Dibromoethane (EDB)	BQL	4.23	0.956	1	1/19/2010	
1,2-Dichlorobenzene	BQL	4.23	1.09	1	1/19/2010	
1,3-Dichlorobenzene	BQL	4.23	1.08	1	1/19/2010	
1,4-Dichlorobenzene	BQL	4.23	0.889	1	1/19/2010	
trans-1,4-Dichloro-2-butene	BQL	21.2	1.17	1	1/19/2010	
1,1-Dichloroethane	BQL	4.23	0.897	1	1/19/2010	
1,1-Dichloroethene	BQL	4.23	1.25	1	1/19/2010	
1,2-Dichloroethane	BQL	4.23	1.12	1	1/19/2010	
cis-1,2-Dichloroethene	BQL	4.23	1.08	1	1/19/2010	
trans-1,2-dichloroethene	BQL	4.23	0.956	1	1/19/2010	
1,2-Dichloropropane	BQL	4.23	0.999	1	1/19/2010	
1,3-Dichloropropane	BQL	4.23	0.948	1	1/19/2010	
2,2-Dichloropropane	BQL	4.23	1.02	1	1/19/2010	
1,1-Dichloropropene	BQL	4.23	1.33	1	1/19/2010	
cis-1,3-Dichloropropene	BQL	4.23	0.705	1	1/19/2010	
trans-1,3-Dichloropropene	BQL	4.23	0.815	1	1/19/2010	
Dichlorodifluoromethane	BQL	4.23	1.12	1	1/19/2010	
Diisopropyl ether (DIPE)	BQL	4.23	0.956	1	1/19/2010	
Ethylbenzene	BQL	4.23	0.733	1	1/19/2010	
Hexachlorobutadiene	BQL	4.23	0.825	1	1/19/2010	
2-Hexanone	BQL	10.6	2.74	1	1/19/2010	
Iodomethane	BQL	4.23	0.914	1	1/19/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-14
Client Project ID: AVX
Lab Sample ID G582-625-1B
Lab Project ID: G582-625
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-15-2010 10:00
Date Received: 1/16/2010
Matrix: Soil
Sample Amount: 7.03 g
%Solids: 84.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	4.23	0.752	1	1/19/2010	
4-Isopropyltoluene	BQL	4.23	0.906	1	1/19/2010	
Methylene chloride	**1.69**	16.9	1.01	1	1/19/2010	JB
4-Methyl-2-pentanone	BQL	10.6	3.92	1	1/19/2010	
Methyl-tert-butyl ether (MTBE)	BQL	4.23	0.940	1	1/19/2010	
Naphthalene	BQL	4.23	0.719	1	1/19/2010	
n-Propyl benzene	BQL	4.23	1.07	1	1/19/2010	
Styrene	BQL	4.23	0.931	1	1/19/2010	
1,1,1,2-Tetrachloroethane	BQL	4.23	0.863	1	1/19/2010	
1,1,2,2-Tetrachloroethane	BQL	4.23	0.956	1	1/19/2010	
Tetrachloroethene	BQL	4.23	0.775	1	1/19/2010	
Toluene	BQL	4.23	0.844	1	1/19/2010	
1,2,3-Trichlorobenzene	BQL	4.23	0.880	1	1/19/2010	
1,2,4-Trichlorobenzene	BQL	4.23	0.872	1	1/19/2010	
Trichloroethene	BQL	4.23	0.807	1	1/19/2010	
1,1,1-Trichloroethane	BQL	4.23	0.956	1	1/19/2010	
1,1,2-Trichloroethane	BQL	4.23	1.39	1	1/19/2010	
Trichlorofluoromethane	BQL	4.23	0.872	1	1/19/2010	
1,2,3-Trichloropropane	BQL	4.23	1.05	1	1/19/2010	
1,2,4-Trimethylbenzene	BQL	4.23	1.07	1	1/19/2010	
1,3,5-Trimethylbenzene	BQL	4.23	0.965	1	1/19/2010	
Vinyl chloride	BQL	4.23	1.15	1	1/19/2010	
m-,p-Xylene	BQL	8.46	1.63	1	1/19/2010	
o-Xylene	BQL	4.23	0.820	1	1/19/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	68	136
Toluene-d8	50	52.3	105
4-Bromofluorobenzene	50	45.1	90

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-15
Client Project ID: AVX
Lab Sample ID G582-625-2A
Lab Project ID: G582-625
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-15-2010 10:30
Date Received: 1/16/2010
Matrix: Soil
Sample Amount: 7.78 g
%Solids: 83.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**23.2**	38.7	5.35	1	1/19/2010	J
Benzene	BQL	3.87	0.829	1	1/19/2010	
Bromobenzene	BQL	3.87	0.798	1	1/19/2010	
Bromochloromethane	BQL	3.87	1.33	1	1/19/2010	
Bromodichloromethane	BQL	3.87	0.769	1	1/19/2010	
Bromoform	BQL	3.87	0.775	1	1/19/2010	
Bromomethane	BQL	3.87	0.814	1	1/19/2010	
2-Butanone	BQL	19.4	4.21	1	1/19/2010	
n-Butylbenzene	BQL	3.87	0.740	1	1/19/2010	
sec-Butylbenzene	BQL	3.87	0.783	1	1/19/2010	
tert-Butylbenzene	BQL	3.87	0.868	1	1/19/2010	
Carbon disulfide	BQL	3.87	2.08	1	1/19/2010	
Carbon tetrachloride	BQL	3.87	0.790	1	1/19/2010	
Chlorobenzene	BQL	3.87	0.922	1	1/19/2010	
Chloroethane	BQL	3.87	1.23	1	1/19/2010	
Chloroform	BQL	3.87	0.930	1	1/19/2010	
Chloromethane	BQL	3.87	0.875	1	1/19/2010	
2-Chlorotoluene	BQL	3.87	0.783	1	1/19/2010	
4-Chlorotoluene	BQL	3.87	0.968	1	1/19/2010	
Dibromochloromethane	BQL	3.87	1.07	1	1/19/2010	
1,2-Dibromo-3-chloropropane	BQL	19.4	1.12	1	1/19/2010	
Dibromomethane	BQL	3.87	1.17	1	1/19/2010	
1,2-Dibromoethane (EDB)	BQL	3.87	0.875	1	1/19/2010	
1,2-Dichlorobenzene	BQL	3.87	0.999	1	1/19/2010	
1,3-Dichlorobenzene	BQL	3.87	0.992	1	1/19/2010	
1,4-Dichlorobenzene	BQL	3.87	0.814	1	1/19/2010	
trans-1,4-Dichloro-2-butene	BQL	19.4	1.07	1	1/19/2010	
1,1-Dichloroethane	BQL	3.87	0.821	1	1/19/2010	
1,1-Dichloroethene	BQL	3.87	1.15	1	1/19/2010	
1,2-Dichloroethane	BQL	3.87	1.02	1	1/19/2010	
cis-1,2-Dichloroethene	BQL	3.87	0.992	1	1/19/2010	
trans-1,2-dichloroethene	BQL	3.87	0.875	1	1/19/2010	
1,2-Dichloropropane	BQL	3.87	0.914	1	1/19/2010	
1,3-Dichloropropane	BQL	3.87	0.868	1	1/19/2010	
2,2-Dichloropropane	BQL	3.87	0.930	1	1/19/2010	
1,1-Dichloropropene	BQL	3.87	1.22	1	1/19/2010	
cis-1,3-Dichloropropene	BQL	3.87	0.645	1	1/19/2010	
trans-1,3-Dichloropropene	BQL	3.87	0.746	1	1/19/2010	
Dichlorodifluoromethane	BQL	3.87	1.02	1	1/19/2010	
Diisopropyl ether (DIPE)	BQL	3.87	0.875	1	1/19/2010	
Ethylbenzene	BQL	3.87	0.671	1	1/19/2010	
Hexachlorobutadiene	BQL	3.87	0.755	1	1/19/2010	
2-Hexanone	BQL	9.68	2.51	1	1/19/2010	
Iodomethane	BQL	3.87	0.837	1	1/19/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-15
Client Project ID: AVX
Lab Sample ID G582-625-2A
Lab Project ID: G582-625
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-15-2010 10:30
Date Received: 1/16/2010
Matrix: Soil
Sample Amount: 7.78 g
%Solids: 83.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	3.87	0.688	1	1/19/2010	
4-Isopropyltoluene	BQL	3.87	0.829	1	1/19/2010	
Methylene chloride	**3.01**	15.5	0.922	1	1/19/2010	J
4-Methyl-2-pentanone	BQL	9.68	3.59	1	1/19/2010	
Methyl-tert-butyl ether (MTBE)	BQL	3.87	0.860	1	1/19/2010	
Naphthalene	BQL	3.87	0.659	1	1/19/2010	
n-Propyl benzene	BQL	3.87	0.976	1	1/19/2010	
Styrene	BQL	3.87	0.852	1	1/19/2010	
1,1,1,2-Tetrachloroethane	BQL	3.87	0.790	1	1/19/2010	
1,1,2,2-Tetrachloroethane	BQL	3.87	0.875	1	1/19/2010	
Tetrachloroethene	BQL	3.87	0.710	1	1/19/2010	
Toluene	BQL	3.87	0.772	1	1/19/2010	
1,2,3-Trichlorobenzene	BQL	3.87	0.806	1	1/19/2010	
1,2,4-Trichlorobenzene	BQL	3.87	0.798	1	1/19/2010	
Trichloroethene	BQL	3.87	0.739	1	1/19/2010	
1,1,1-Trichloroethane	BQL	3.87	0.875	1	1/19/2010	
1,1,2-Trichloroethane	BQL	3.87	1.27	1	1/19/2010	
Trichlorofluoromethane	BQL	3.87	0.798	1	1/19/2010	
1,2,3-Trichloropropane	BQL	3.87	0.961	1	1/19/2010	
1,2,4-Trimethylbenzene	BQL	3.87	0.976	1	1/19/2010	
1,3,5-Trimethylbenzene	BQL	3.87	0.883	1	1/19/2010	
Vinyl chloride	BQL	3.87	1.05	1	1/19/2010	
m-,p-Xylene	BQL	7.75	1.49	1	1/19/2010	
o-Xylene	BQL	3.87	0.751	1	1/19/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	68.2	136
Toluene-d8	50	51.1	102
4-Bromofluorobenzene	50	44.1	88

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-16
Client Project ID: AVX
Lab Sample ID G582-625-3A
Lab Project ID: G582-625
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-15-2010 11:00
Date Received: 1/16/2010
Matrix: Soil
Sample Amount: 4.98 g
%Solids: 96.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**10.8**	52.3	7.22	1	1/19/2010	J
Benzene	BQL	5.23	1.12	1	1/19/2010	
Bromobenzene	BQL	5.23	1.08	1	1/19/2010	
Bromochloromethane	BQL	5.23	1.80	1	1/19/2010	
Bromodichloromethane	BQL	5.23	1.04	1	1/19/2010	
Bromoform	BQL	5.23	1.05	1	1/19/2010	
Bromomethane	BQL	5.23	1.10	1	1/19/2010	
2-Butanone	BQL	26.1	5.67	1	1/19/2010	
n-Butylbenzene	BQL	5.23	0.998	1	1/19/2010	
sec-Butylbenzene	BQL	5.23	1.06	1	1/19/2010	
tert-Butylbenzene	BQL	5.23	1.17	1	1/19/2010	
Carbon disulfide	BQL	5.23	2.80	1	1/19/2010	
Carbon tetrachloride	BQL	5.23	1.07	1	1/19/2010	
Chlorobenzene	BQL	5.23	1.24	1	1/19/2010	
Chloroethane	BQL	5.23	1.66	1	1/19/2010	
Chloroform	BQL	5.23	1.25	1	1/19/2010	
Chloromethane	BQL	5.23	1.18	1	1/19/2010	
2-Chlorotoluene	BQL	5.23	1.06	1	1/19/2010	
4-Chlorotoluene	BQL	5.23	1.31	1	1/19/2010	
Dibromochloromethane	BQL	5.23	1.44	1	1/19/2010	
1,2-Dibromo-3-chloropropane	BQL	26.1	1.52	1	1/19/2010	
Dibromomethane	BQL	5.23	1.58	1	1/19/2010	
1,2-Dibromoethane (EDB)	BQL	5.23	1.18	1	1/19/2010	
1,2-Dichlorobenzene	BQL	5.23	1.35	1	1/19/2010	
1,3-Dichlorobenzene	BQL	5.23	1.34	1	1/19/2010	
1,4-Dichlorobenzene	BQL	5.23	1.10	1	1/19/2010	
trans-1,4-Dichloro-2-butene	BQL	26.1	1.44	1	1/19/2010	
1,1-Dichloroethane	BQL	5.23	1.11	1	1/19/2010	
1,1-Dichloroethene	BQL	5.23	1.55	1	1/19/2010	
1,2-Dichloroethane	BQL	5.23	1.38	1	1/19/2010	
cis-1,2-Dichloroethene	BQL	5.23	1.34	1	1/19/2010	
trans-1,2-dichloroethene	BQL	5.23	1.18	1	1/19/2010	
1,2-Dichloropropane	BQL	5.23	1.23	1	1/19/2010	
1,3-Dichloropropane	BQL	5.23	1.17	1	1/19/2010	
2,2-Dichloropropane	BQL	5.23	1.25	1	1/19/2010	
1,1-Dichloropropene	BQL	5.23	1.64	1	1/19/2010	
cis-1,3-Dichloropropene	BQL	5.23	0.871	1	1/19/2010	
trans-1,3-Dichloropropene	BQL	5.23	1.01	1	1/19/2010	
Dichlorodifluoromethane	BQL	5.23	1.38	1	1/19/2010	
Diisopropyl ether (DIPE)	BQL	5.23	1.18	1	1/19/2010	
Ethylbenzene	BQL	5.23	0.905	1	1/19/2010	
Hexachlorobutadiene	BQL	5.23	1.02	1	1/19/2010	
2-Hexanone	BQL	13.1	3.39	1	1/19/2010	
Iodomethane	BQL	5.23	1.13	1	1/19/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-16
Client Project ID: AVX
Lab Sample ID G582-625-3A
Lab Project ID: G582-625
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-15-2010 11:00
Date Received: 1/16/2010
Matrix: Soil
Sample Amount: 4.98 g
%Solids: 96.1

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	5.23	0.928	1	1/19/2010	
4-Isopropyltoluene	BQL	5.23	1.12	1	1/19/2010	
Methylene chloride	**2.31**	20.9	1.24	1	1/19/2010	JB
4-Methyl-2-pentanone	BQL	13.1	4.84	1	1/19/2010	
Methyl-tert-butyl ether (MTBE)	BQL	5.23	1.16	1	1/19/2010	
Naphthalene	BQL	5.23	0.888	1	1/19/2010	
n-Propyl benzene	BQL	5.23	1.32	1	1/19/2010	
Styrene	BQL	5.23	1.15	1	1/19/2010	
1,1,1,2-Tetrachloroethane	BQL	5.23	1.07	1	1/19/2010	
1,1,2,2-Tetrachloroethane	BQL	5.23	1.18	1	1/19/2010	
Tetrachloroethene	BQL	5.23	0.957	1	1/19/2010	
Toluene	BQL	5.23	1.04	1	1/19/2010	
1,2,3-Trichlorobenzene	BQL	5.23	1.09	1	1/19/2010	
1,2,4-Trichlorobenzene	BQL	5.23	1.08	1	1/19/2010	
Trichloroethene	BQL	5.23	0.997	1	1/19/2010	
1,1,1-Trichloroethane	BQL	5.23	1.18	1	1/19/2010	
1,1,2-Trichloroethane	BQL	5.23	1.71	1	1/19/2010	
Trichlorofluoromethane	BQL	5.23	1.08	1	1/19/2010	
1,2,3-Trichloropropane	BQL	5.23	1.30	1	1/19/2010	
1,2,4-Trimethylbenzene	BQL	5.23	1.32	1	1/19/2010	
1,3,5-Trimethylbenzene	BQL	5.23	1.19	1	1/19/2010	
Vinyl chloride	BQL	5.23	1.42	1	1/19/2010	
m-,p-Xylene	BQL	10.5	2.01	1	1/19/2010	
o-Xylene	BQL	5.23	1.01	1	1/19/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	70.9	142
Toluene-d8	50	51.9	104
4-Bromofluorobenzene	50	45.7	91

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: Trip Blank (Not on COC)
Client Project ID: AVX
Lab Sample ID G582-625-4A
Lab Project ID: G582-625
Report Basis: 0.0

Analyzed By: CLP
Date Collected: 01-15-2010 00:00
Date Received: 1/16/2010
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**8.09**	50.0	6.91	1	1/19/2010	J
Benzene	BQL	5.00	1.07	1	1/19/2010	
Bromobenzene	BQL	5.00	1.03	1	1/19/2010	
Bromochloromethane	BQL	5.00	1.72	1	1/19/2010	
Bromodichloromethane	BQL	5.00	0.992	1	1/19/2010	
Bromoform	BQL	5.00	1.00	1	1/19/2010	
Bromomethane	BQL	5.00	1.05	1	1/19/2010	
2-Butanone	BQL	25.0	5.43	1	1/19/2010	
n-Butylbenzene	BQL	5.00	0.955	1	1/19/2010	
sec-Butylbenzene	BQL	5.00	1.01	1	1/19/2010	
tert-Butylbenzene	BQL	5.00	1.12	1	1/19/2010	
Carbon disulfide	BQL	5.00	2.68	1	1/19/2010	
Carbon tetrachloride	BQL	5.00	1.02	1	1/19/2010	
Chlorobenzene	BQL	5.00	1.19	1	1/19/2010	
Chloroethane	BQL	5.00	1.59	1	1/19/2010	
Chloroform	BQL	5.00	1.20	1	1/19/2010	
Chloromethane	BQL	5.00	1.13	1	1/19/2010	
2-Chlorotoluene	BQL	5.00	1.01	1	1/19/2010	
4-Chlorotoluene	BQL	5.00	1.25	1	1/19/2010	
Dibromochloromethane	BQL	5.00	1.38	1	1/19/2010	
1,2-Dibromo-3-chloropropane	BQL	25.0	1.45	1	1/19/2010	
Dibromomethane	BQL	5.00	1.51	1	1/19/2010	
1,2-Dibromoethane (EDB)	BQL	5.00	1.13	1	1/19/2010	
1,2-Dichlorobenzene	BQL	5.00	1.29	1	1/19/2010	
1,3-Dichlorobenzene	BQL	5.00	1.28	1	1/19/2010	
1,4-Dichlorobenzene	BQL	5.00	1.05	1	1/19/2010	
trans-1,4-Dichloro-2-butene	BQL	25.0	1.38	1	1/19/2010	
1,1-Dichloroethane	BQL	5.00	1.06	1	1/19/2010	
1,1-Dichloroethene	BQL	5.00	1.48	1	1/19/2010	
1,2-Dichloroethane	BQL	5.00	1.32	1	1/19/2010	
cis-1,2-Dichloroethene	BQL	5.00	1.28	1	1/19/2010	
trans-1,2-dichloroethene	BQL	5.00	1.13	1	1/19/2010	
1,2-Dichloropropane	BQL	5.00	1.18	1	1/19/2010	
1,3-Dichloropropane	BQL	5.00	1.12	1	1/19/2010	
2,2-Dichloropropane	BQL	5.00	1.20	1	1/19/2010	
1,1-Dichloropropene	BQL	5.00	1.57	1	1/19/2010	
cis-1,3-Dichloropropene	BQL	5.00	0.833	1	1/19/2010	
trans-1,3-Dichloropropene	BQL	5.00	0.963	1	1/19/2010	
Dichlorodifluoromethane	BQL	5.00	1.32	1	1/19/2010	
Diisopropyl ether (DIPE)	BQL	5.00	1.13	1	1/19/2010	
Ethylbenzene	BQL	5.00	0.866	1	1/19/2010	
Hexachlorobutadiene	BQL	5.00	0.975	1	1/19/2010	
2-Hexanone	BQL	12.5	3.24	1	1/19/2010	
Iodomethane	BQL	5.00	1.08	1	1/19/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: Trip Blank (Not on COC)
Client Project ID: AVX
Lab Sample ID G582-625-4A
Lab Project ID: G582-625
Report Basis: 0.0

Analyzed By: CLP
Date Collected: 01-15-2010 00:00
Date Received: 1/16/2010
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	5.00	0.888	1	1/19/2010	
4-Isopropyltoluene	BQL	5.00	1.07	1	1/19/2010	
Methylene chloride	**2.07**	20.0	1.19	1	1/19/2010	JB
4-Methyl-2-pentanone	BQL	12.5	4.63	1	1/19/2010	
Methyl-tert-butyl ether (MTBE)	BQL	5.00	1.11	1	1/19/2010	
Naphthalene	BQL	5.00	0.850	1	1/19/2010	
n-Propyl benzene	BQL	5.00	1.26	1	1/19/2010	
Styrene	BQL	5.00	1.10	1	1/19/2010	
1,1,1,2-Tetrachloroethane	BQL	5.00	1.02	1	1/19/2010	
1,1,2,2-Tetrachloroethane	BQL	5.00	1.13	1	1/19/2010	
Tetrachloroethene	BQL	5.00	0.916	1	1/19/2010	
Toluene	BQL	5.00	0.997	1	1/19/2010	
1,2,3-Trichlorobenzene	BQL	5.00	1.04	1	1/19/2010	
1,2,4-Trichlorobenzene	BQL	5.00	1.03	1	1/19/2010	
Trichloroethene	BQL	5.00	0.954	1	1/19/2010	
1,1,1-Trichloroethane	BQL	5.00	1.13	1	1/19/2010	
1,1,2-Trichloroethane	BQL	5.00	1.64	1	1/19/2010	
Trichlorofluoromethane	BQL	5.00	1.03	1	1/19/2010	
1,2,3-Trichloropropane	BQL	5.00	1.24	1	1/19/2010	
1,2,4-Trimethylbenzene	BQL	5.00	1.26	1	1/19/2010	
1,3,5-Trimethylbenzene	BQL	5.00	1.14	1	1/19/2010	
Vinyl chloride	BQL	5.00	1.36	1	1/19/2010	
m-,p-Xylene	BQL	10.0	1.92	1	1/19/2010	
o-Xylene	BQL	5.00	0.969	1	1/19/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	70.1	140
Toluene-d8	50	50.4	101
4-Bromofluorobenzene	50	44.4	89

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID VBLK9011910B
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected:
Date Received:
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	50.0	6.91	1	1/19/2010	
Benzene	BQL	5.00	1.07	1	1/19/2010	
Bromobenzene	BQL	5.00	1.03	1	1/19/2010	
Bromochloromethane	BQL	5.00	1.72	1	1/19/2010	
Bromodichloromethane	BQL	5.00	0.992	1	1/19/2010	
Bromoform	BQL	5.00	1.00	1	1/19/2010	
Bromomethane	BQL	5.00	1.05	1	1/19/2010	
2-Butanone	BQL	25.0	5.43	1	1/19/2010	
n-Butylbenzene	BQL	5.00	0.955	1	1/19/2010	
sec-Butylbenzene	BQL	5.00	1.01	1	1/19/2010	
tert-Butylbenzene	BQL	5.00	1.12	1	1/19/2010	
Carbon disulfide	BQL	5.00	2.68	1	1/19/2010	
Carbon tetrachloride	BQL	5.00	1.02	1	1/19/2010	
Chlorobenzene	BQL	5.00	1.19	1	1/19/2010	
Chloroethane	BQL	5.00	1.59	1	1/19/2010	
Chloroform	BQL	5.00	1.20	1	1/19/2010	
Chloromethane	BQL	5.00	1.13	1	1/19/2010	
2-Chlorotoluene	BQL	5.00	1.01	1	1/19/2010	
4-Chlorotoluene	BQL	5.00	1.25	1	1/19/2010	
Dibromochloromethane	BQL	5.00	1.38	1	1/19/2010	
1,2-Dibromo-3-chloropropane	BQL	25.0	1.45	1	1/19/2010	
Dibromomethane	BQL	5.00	1.51	1	1/19/2010	
1,2-Dibromoethane (EDB)	BQL	5.00	1.13	1	1/19/2010	
1,2-Dichlorobenzene	BQL	5.00	1.29	1	1/19/2010	
1,3-Dichlorobenzene	BQL	5.00	1.28	1	1/19/2010	
1,4-Dichlorobenzene	BQL	5.00	1.05	1	1/19/2010	
trans-1,4-Dichloro-2-butene	BQL	25.0	1.38	1	1/19/2010	
1,1-Dichloroethane	BQL	5.00	1.06	1	1/19/2010	
1,1-Dichloroethene	BQL	5.00	1.48	1	1/19/2010	
1,2-Dichloroethane	BQL	5.00	1.32	1	1/19/2010	
cis-1,2-Dichloroethene	BQL	5.00	1.28	1	1/19/2010	
trans-1,2-dichloroethene	BQL	5.00	1.13	1	1/19/2010	
1,2-Dichloropropane	BQL	5.00	1.18	1	1/19/2010	
1,3-Dichloropropane	BQL	5.00	1.12	1	1/19/2010	
2,2-Dichloropropane	BQL	5.00	1.20	1	1/19/2010	
1,1-Dichloropropene	BQL	5.00	1.57	1	1/19/2010	
cis-1,3-Dichloropropene	BQL	5.00	0.833	1	1/19/2010	
trans-1,3-Dichloropropene	BQL	5.00	0.963	1	1/19/2010	
Dichlorodifluoromethane	BQL	5.00	1.32	1	1/19/2010	
Diisopropyl ether (DIPE)	BQL	5.00	1.13	1	1/19/2010	
Ethylbenzene	BQL	5.00	0.866	1	1/19/2010	
Hexachlorobutadiene	BQL	5.00	0.975	1	1/19/2010	
2-Hexanone	BQL	12.5	3.24	1	1/19/2010	
Iodomethane	BQL	5.00	1.08	1	1/19/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID VBLK9011910B
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected:
Date Received:
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	5.00	0.888	1	1/19/2010	
4-Isopropyltoluene	BQL	5.00	1.07	1	1/19/2010	
Methylene chloride	**5.47**	20.0	1.19	1	1/19/2010	J
4-Methyl-2-pentanone	BQL	12.5	4.63	1	1/19/2010	
Methyl-tert-butyl ether (MTBE)	BQL	5.00	1.11	1	1/19/2010	
Naphthalene	BQL	5.00	0.850	1	1/19/2010	
n-Propyl benzene	BQL	5.00	1.26	1	1/19/2010	
Styrene	BQL	5.00	1.10	1	1/19/2010	
1,1,1,2-Tetrachloroethane	BQL	5.00	1.02	1	1/19/2010	
1,1,2,2-Tetrachloroethane	BQL	5.00	1.13	1	1/19/2010	
Tetrachloroethene	BQL	5.00	0.916	1	1/19/2010	
Toluene	BQL	5.00	0.997	1	1/19/2010	
1,2,3-Trichlorobenzene	BQL	5.00	1.04	1	1/19/2010	
1,2,4-Trichlorobenzene	BQL	5.00	1.03	1	1/19/2010	
Trichloroethene	BQL	5.00	0.954	1	1/19/2010	
1,1,1-Trichloroethane	BQL	5.00	1.13	1	1/19/2010	
1,1,2-Trichloroethane	BQL	5.00	1.64	1	1/19/2010	
Trichlorofluoromethane	BQL	5.00	1.03	1	1/19/2010	
1,2,3-Trichloropropane	BQL	5.00	1.24	1	1/19/2010	
1,2,4-Trimethylbenzene	BQL	5.00	1.26	1	1/19/2010	
1,3,5-Trimethylbenzene	BQL	5.00	1.14	1	1/19/2010	
Vinyl chloride	BQL	5.00	1.36	1	1/19/2010	
m-,p-Xylene	BQL	10.0	1.92	1	1/19/2010	
o-Xylene	BQL	5.00	0.969	1	1/19/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	51.2	102
Toluene-d8	50	50.4	101
4-Bromofluorobenzene	50	48.3	97

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Dilution: 1

Lab Code: NC00919 — Matrix: Soil

LCS: LCS9011910A — ilename: 0119903.D — Date Analyzed: 01/19/10 11:07

LCSD: LCS9011910B — ilename: 0119904.D — Date Analyzed: 01/19/10 11:33

COMPOUND	LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	75.0	79.8	106	75.0	67.4	89.9	16.8	30	16.7-286
acrolein	300	325	108	300	332	111	2.18	30	16.7-226
acrylonitrile	300	306	102	300	326	108	6.04	30	13.3-201
benzene	30.0	30.7	102	30.0	30.8	103	0.976	30	68.6-132
bromobenzene	30.0	32.8	109	30.0	27.4	91.2	18.1	30	56.7-146
bromochloromethane	30.0	33.8	113	30.0	30.0	99.9	12.1	30	52.5-154
bromodichloromethane	30.0	32.7	109	30.0	32.0	107	1.92	30	65.4-137
bromoform	30.0	33.8	113	30.0	29.2	97.2	14.7	30	48.3-147
bromomethane	30.0	25.1	83.7	30.0	20.8	69.5	18.5	30	16.7-246
2-butanone	75.0	80.9	108	75.0	78.4	104	3.23	30	16.7-314
n-butylbenzene	30.0	29.9	99.8	30.0	31.4	105	4.86	30	58.4-135
sec-butylbenzene	30.0	29.9	99.6	30.0	30.4	101	1.66	30	57.2-136
tert-butylbenzene	30.0	30.5	102	30.0	30.6	102	0.426	30	50.8-139
Carbon disulfide	30.0	30.5	102	30.0	28.7	95.5	6.22	30	16.7-276
carbon tetrachloride	30.0	31.8	106	30.0	27.4	91.4	14.8	30	61.1-141
chlorobenzene	30.0	30.9	103	30.0	27.7	92.4	10.8	30	63.0-129
chloroethane	30.0	30.2	101	30.0	26.9	89.8	11.5	30	22.5-200
2-chloroethyl vinyl ether	300	333	111	300	335	112	0.730	30	16.7-275
chloroform	30.0	30.3	101	30.0	30.5	102	0.756	30	65.0-137
chloromethane	30.0	32.1	107	30.0	29.0	96.6	10.2	30	16.7-182
2-chlorotoluene	30.0	30.8	103	30.0	28.3	94.4	8.39	30	61.1-138
4-chlorotoluene	30.0	30.3	101	30.0	29.1	96.9	4.21	30	63.8-134
dibromochloromethane	30.0	32.6	109	30.0	27.4	91.4	17.2	30	56.0-144
1,2-dibromo-3-chloropropane	150	168	112	150	185	123	9.21	30	16.7-213
1,2-dibromoethane	30.0	32.6	109	30.0	29.8	99.2	9.08	30	58.8-139
dibromomethane	30.0	33.9	113	30.0	33.0	110	2.54	30	54.1-154
1,2-dichlorobenzene	30.0	32.1	107	30.0	30.3	101	5.80	30	61.5-138
1,3-dichlorobenzene	30.0	32.1	107	30.0	30.0	100	6.70	30	61.5-138
1,4-dichlorobenzene	30.0	31.5	105	30.0	29.4	97.9	6.90	30	61.1-138
trans-1,4-Dichloro-2-butene	150	177	118	150	187	125	5.47	30	16.7-212
dichlorodifluoromethane	30.0	31.2	104	30.0	29.1	96.9	7.00	30	25.4-165
1,1-dichloroethane	30.0	29.5	98.5	30.0	29.2	97.4	1.16	30	62.4-140
1,2-dichloroethane	30.0	30.9	103	30.0	33.8	112	8.94	30	55.3-152
1,1-dichloroethene	30.0	30.7	102	30.0	29.2	97.5	4.51	30	65.4-134
cis-1,2-dichloroethene	30.0	31.5	105	30.0	29.9	99.8	5.11	30	63.8-138
trans-1,2-dichloroethene	30.0	29.9	99.7	30.0	28.7	95.7	4.02	30	63.3-139
1,2-dichloropropane	30.0	31.8	106	30.0	33.6	112	5.60	30	60.0-139
1,3-dichloropropane	30.0	31.4	105	30.0	31.2	104	0.606	30	62.3-136
2,2-dichloropropane	30.0	30.7	102	30.0	29.6	98.6	3.68	30	62.5-140
1,1-dichloropropene	30.0	31.0	103	30.0	30.5	102	1.33	30	60.9-136
cis-1,3-dichloropropene	30.0	33.2	111	30.0	33.8	113	1.76	30	59.8-141

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

_____

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental — Dilution: 1

Lab Code: NC00919 — Matrix: Soil

LCS: LCS9011910A — Filename: 0119903.D — Date Analyzed: 01/19/10 11:07

LCSD: LCS9011910B — Filename: 0119904.D — Date Analyzed: 01/19/10 11:33

COMPOUND	LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	30.0	33.3	111	30.0	34.3	114	3.05	30	7.27-173
Diisopropyl ether	30.0	29.9	99.6	30.0	31.1	104	3.84	30	9.01-172
ethylbenzene	30.0	30.5	102	30.0	31.0	103	1.66	30	16.7-187
hexachlorobutadiene	30.0	30.6	102	30.0	31.1	104	1.81	30	16.7-173
2-hexanone	75.0	87.4	116	75.0	84.6	113	3.25	30	16.7-304
Iodomethane	30.0	30.8	103	30.0	29.8	99.5	3.17	30	16.7-200
isopropylbenzene	30.0	30.1	100	30.0	30.6	102	1.52	30	6.43-167
4-isopropyltoluene	30.0	30.8	102	30.0	30.9	103	0.357	30	6.97-170
Methyl-tert-butyl ether	30.0	31.3	104	30.0	32.3	108	2.99	30	10.7-173
methylene chloride	30.0	36.3	121	30.0	36.7	122	1.12	30	8.58-169
4-methyl-2-pentanone	75.0	89.3	119	75.0	98.8	132	10.0	30	16.7-293
naphthalene	30.0	35.6	119	30.0	33.8	112	5.30	30	16.7-175
n-propyl benzene	30.0	30.4	101	30.0	31.4	105	3.43	30	7.25-172
styrene	30.0	31.1	104	30.0	31.9	106	2.70	30	10.2-168
1,1,1,2-tetrachloroethane	30.0	32.0	107	30.0	27.6	92.1	14.7	30	5.87-177
1,1,2,2-tetrachloroethane	30.0	32.7	109	30.0	33.4	111	2.21	30	10.9-168
tetrachloroethene	30.0	30.7	102	30.0	25.6	85.3	18.1	30	16.7-195
toluene	**30.0**	**32.1**	**107**	**30.0**	**31.2**	**104**	**2.84**	**30**	**26.6-159**
1,2,3-trichlorobenzene	30.0	33.6	112	30.0	31.4	104	6.92	30	4.64-169
1,2,4-trichlorobenzene	30.0	34.9	116	30.0	30.9	103	12.2	30	6.55-165
1,1,1-trichloroethane	30.0	31.3	104	30.0	29.0	96.6	7.60	30	8.40-173
1,1,2-trichloroethane	30.0	31.5	105	30.0	31.3	104	0.828	30	12.2-166
trichloroethene	**30.0**	**31.6**	**105**	**30.0**	**30.3**	**101**	**3.88**	**30**	**24.0-158**
trichlorofluoromethane	30.0	31.9	106	30.0	28.6	95.2	11.1	30	5.64-183
1,2,3-trichloropropane	30.0	33.4	111	30.0	34.2	114	2.16	30	16.7-186
1,2,4-trimethylbenzene	30.0	30.6	102	30.0	31.0	103	1.33	30	8.60-168
1,3,5-trimethylbenzene	30.0	29.4	98.0	30.0	30.1	100	2.49	30	8.09-168
Vinyl acetate	75.0	76.5	102	75.0	80.9	108	5.59	30	16.7-225
vinyl chloride	30.0	31.6	105	30.0	29.5	98.4	6.74	30	7.56-178
m/p-xylene	60.0	60.5	101	60.0	59.7	99.5	1.36	30	8.91-169
o-xylene	30.0	30.8	103	30.0	31.3	104	1.61	30	9.45-167

System Monitoring Compound Results

		LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	50	48.8	97.6	50	48.91	97.8	49.1-151
17060-07-0	1,2-Dichloroethane-d4	50	52.99	106	50	55.06	110	37.8-170
2037-26-5	Toluene-d8	50	51.21	102	50	51.79	104	58.8-144

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS Spike Recovery: 0 failure(s) out of 72. LCSD Spike Recovery: 0 failure(s) out of 72.

RPD: 0 out of 72 outside of limits

COMMENTS: _____

Analyst: _____ Reviewed by: _____

SGS

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SGS Reference: 582-625

PAGE _____ OF _____

(1)
CLIENT: ARCADIS
CONTACT: AARON RICHARDSON PHONE NO:(585) 202-4393
PROJECT: AUX SITE/PWSID#: Myrtle Beach
REPORTS TO: MARK HANISH
310 SEVEN FIELDS BLVD
SEVEN FIELDS, PA 16046 FAX NO.:(724) 742-9189
INVOICE TO: ARCADIS
6330 PLAZA DR.
HIGHLANDS RANCH, CO 80129 QUOTE #:
P.O. NUMBER: B0007393.0000

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE C=COMP G=GRAB	Preservatives Used	Analysis Required (3) VOC-8260	REMARKS
	SB-PDG-14	1/15/10	1000	SOIL	5	G		X	
	SB-PDG-15	↓	1030	↓	5	G		X	
	SB-PDG-16	↓	1100	↓	5	G		X	

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
	1/15/10	1200	
Relinquished By: (2)	Date 1/16/10	Time 1030	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Shipping Carrier:
Shipping Ticket No:
Samples Received Cold? (Circle) YES NO
Temperature °C: 4.3 . _____
Special Deliverable Requirements:
Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT
Special Instructions:
Requested Turnaround Time:
☒ RUSH 24-Hour TAT Date Needed ☐ STD

SGS North America Inc.

❑ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
❑ 5500 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557

White - Retained by Lab
Pink - Retained by Client

SGS

Mark Hanish
Arcadis
600 Waterfront Dr.
Pittsburgh, PA 15222

Report Number: G582-629

Client Project: AVX

Dear Mark Hanish,

Enclosed are the results of the analytical services performed under the referenced project for the received samples and associated QC as applicable. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or services performed during this project, please call Barbara Hager at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS North America, Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America, Inc.

Barbara Hager Jan 21.2010

Project Manager Date
Barbara Hager

List of Reporting Abbreviations
And Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantification Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL/CL = Reporting Limit / Control Limit

RPD = Relative Percent Difference

UJ = Target analytes with recoveries that are 10% < %R < LCL; # of MEs are allowable and compounds are not detected in the sample.

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:
1) Metals and mercury samples are digested with a hot block; see the standard operating procedure document for details.
2) Uncertainty for all reported data is less than or equal to 30 percent.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-17
Client Project ID: AVX
Lab Sample ID G582-629-1A
Lab Project ID: G582-629
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-19-2010 13:00
Date Received: 1/20/2010
Matrix: Soil
Sample Amount: 4.30 g
%Solids: 86.2

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**16.5**	67.4	9.32	1	1/21/2010	J
Benzene	BQL	6.74	1.44	1	1/21/2010	
Bromobenzene	BQL	6.74	1.39	1	1/21/2010	
Bromochloromethane	BQL	6.74	2.32	1	1/21/2010	
Bromodichloromethane	BQL	6.74	1.34	1	1/21/2010	
Bromoform	BQL	6.74	1.35	1	1/21/2010	
Bromomethane	BQL	6.74	1.42	1	1/21/2010	
2-Butanone	BQL	33.7	7.32	1	1/21/2010	
n-Butylbenzene	BQL	6.74	1.29	1	1/21/2010	
sec-Butylbenzene	BQL	6.74	1.36	1	1/21/2010	
tert-Butylbenzene	BQL	6.74	1.51	1	1/21/2010	
Carbon disulfide	BQL	6.74	3.61	1	1/21/2010	
Carbon tetrachloride	BQL	6.74	1.38	1	1/21/2010	
Chlorobenzene	BQL	6.74	1.60	1	1/21/2010	
Chloroethane	BQL	6.74	2.14	1	1/21/2010	
Chloroform	BQL	6.74	1.62	1	1/21/2010	
Chloromethane	BQL	6.74	1.52	1	1/21/2010	
2-Chlorotoluene	BQL	6.74	1.36	1	1/21/2010	
4-Chlorotoluene	BQL	6.74	1.69	1	1/21/2010	
Dibromochloromethane	BQL	6.74	1.86	1	1/21/2010	
1,2-Dibromo-3-chloropropane	BQL	33.7	1.96	1	1/21/2010	
Dibromomethane	BQL	6.74	2.04	1	1/21/2010	
1,2-Dibromoethane (EDB)	BQL	6.74	1.52	1	1/21/2010	
1,2-Dichlorobenzene	BQL	6.74	1.74	1	1/21/2010	
1,3-Dichlorobenzene	BQL	6.74	1.73	1	1/21/2010	
1,4-Dichlorobenzene	BQL	6.74	1.42	1	1/21/2010	
trans-1,4-Dichloro-2-butene	BQL	33.7	1.86	1	1/21/2010	
1,1-Dichloroethane	BQL	6.74	1.43	1	1/21/2010	
1,1-Dichloroethene	BQL	6.74	2.00	1	1/21/2010	
1,2-Dichloroethane	BQL	6.74	1.78	1	1/21/2010	
cis-1,2-Dichloroethene	BQL	6.74	1.73	1	1/21/2010	
trans-1,2-dichloroethene	BQL	6.74	1.52	1	1/21/2010	
1,2-Dichloropropane	BQL	6.74	1.59	1	1/21/2010	
1,3-Dichloropropane	BQL	6.74	1.51	1	1/21/2010	
2,2-Dichloropropane	BQL	6.74	1.62	1	1/21/2010	
1,1-Dichloropropene	BQL	6.74	2.12	1	1/21/2010	
cis-1,3-Dichloropropene	BQL	6.74	1.12	1	1/21/2010	
trans-1,3-Dichloropropene	BQL	6.74	1.30	1	1/21/2010	
Dichlorodifluoromethane	BQL	6.74	1.78	1	1/21/2010	
Diisopropyl ether (DIPE)	BQL	6.74	1.52	1	1/21/2010	
Ethylbenzene	BQL	6.74	1.17	1	1/21/2010	
Hexachlorobutadiene	BQL	6.74	1.31	1	1/21/2010	
2-Hexanone	BQL	16.9	4.37	1	1/21/2010	
Iodomethane	BQL	6.74	1.46	1	1/21/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-17
Client Project ID: AVX
Lab Sample ID G582-629-1A
Lab Project ID: G582-629
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-19-2010 13:00
Date Received: 1/20/2010
Matrix: Soil
Sample Amount: 4.30 g
%Solids: 86.2

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	6.74	1.20	1	1/21/2010	
4-Isopropyltoluene	BQL	6.74	1.44	1	1/21/2010	
Methylene chloride	BQL	27.0	1.60	1	1/21/2010	
4-Methyl-2-pentanone	BQL	16.9	6.24	1	1/21/2010	
Methyl-tert-butyl ether (MTBE)	BQL	6.74	1.50	1	1/21/2010	
Naphthalene	BQL	6.74	1.15	1	1/21/2010	
n-Propyl benzene	BQL	6.74	1.70	1	1/21/2010	
Styrene	BQL	6.74	1.48	1	1/21/2010	
1,1,1,2-Tetrachloroethane	BQL	6.74	1.38	1	1/21/2010	
1,1,2,2-Tetrachloroethane	BQL	6.74	1.52	1	1/21/2010	
Tetrachloroethene	BQL	6.74	1.24	1	1/21/2010	
Toluene	BQL	6.74	1.34	1	1/21/2010	
1,2,3-Trichlorobenzene	BQL	6.74	1.40	1	1/21/2010	
1,2,4-Trichlorobenzene	BQL	6.74	1.39	1	1/21/2010	
Trichloroethene	BQL	6.74	1.29	1	1/21/2010	
1,1,1-Trichloroethane	BQL	6.74	1.52	1	1/21/2010	
1,1,2-Trichloroethane	BQL	6.74	2.21	1	1/21/2010	
Trichlorofluoromethane	BQL	6.74	1.39	1	1/21/2010	
1,2,3-Trichloropropane	BQL	6.74	1.67	1	1/21/2010	
1,2,4-Trimethylbenzene	BQL	6.74	1.70	1	1/21/2010	
1,3,5-Trimethylbenzene	BQL	6.74	1.54	1	1/21/2010	
Vinyl chloride	BQL	6.74	1.83	1	1/21/2010	
m-,p-Xylene	BQL	13.5	2.59	1	1/21/2010	
o-Xylene	BQL	6.74	1.31	1	1/21/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	70.2	140
Toluene-d8	50	51.8	104
4-Bromofluorobenzene	50	43.9	88

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-18
Client Project ID: AVX
Lab Sample ID G582-629-2A
Lab Project ID: G582-629
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-19-2010 13:15
Date Received: 1/20/2010
Matrix: Soil
Sample Amount: 3.75 g
%Solids: 92.2

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**21.3**	72.3	9.99	1	1/21/2010	J
Benzene	BQL	7.23	1.55	1	1/21/2010	
Bromobenzene	BQL	7.23	1.49	1	1/21/2010	
Bromochloromethane	BQL	7.23	2.49	1	1/21/2010	
Bromodichloromethane	BQL	7.23	1.43	1	1/21/2010	
Bromoform	BQL	7.23	1.45	1	1/21/2010	
Bromomethane	BQL	7.23	1.52	1	1/21/2010	
2-Butanone	BQL	36.2	7.85	1	1/21/2010	
n-Butylbenzene	BQL	7.23	1.38	1	1/21/2010	
sec-Butylbenzene	BQL	7.23	1.46	1	1/21/2010	
tert-Butylbenzene	BQL	7.23	1.62	1	1/21/2010	
Carbon disulfide	BQL	7.23	3.88	1	1/21/2010	
Carbon tetrachloride	BQL	7.23	1.48	1	1/21/2010	
Chlorobenzene	BQL	7.23	1.72	1	1/21/2010	
Chloroethane	BQL	7.23	2.30	1	1/21/2010	
Chloroform	BQL	7.23	1.74	1	1/21/2010	
Chloromethane	BQL	7.23	1.63	1	1/21/2010	
2-Chlorotoluene	BQL	7.23	1.46	1	1/21/2010	
4-Chlorotoluene	BQL	7.23	1.81	1	1/21/2010	
Dibromochloromethane	BQL	7.23	2.00	1	1/21/2010	
1,2-Dibromo-3-chloropropane	BQL	36.2	2.10	1	1/21/2010	
Dibromomethane	BQL	7.23	2.18	1	1/21/2010	
1,2-Dibromoethane (EDB)	BQL	7.23	1.63	1	1/21/2010	
1,2-Dichlorobenzene	BQL	7.23	1.87	1	1/21/2010	
1,3-Dichlorobenzene	BQL	7.23	1.85	1	1/21/2010	
1,4-Dichlorobenzene	BQL	7.23	1.52	1	1/21/2010	
trans-1,4-Dichloro-2-butene	BQL	36.2	2.00	1	1/21/2010	
1,1-Dichloroethane	BQL	7.23	1.53	1	1/21/2010	
1,1-Dichloroethene	BQL	7.23	2.14	1	1/21/2010	
1,2-Dichloroethane	BQL	7.23	1.91	1	1/21/2010	
cis-1,2-Dichloroethene	BQL	7.23	1.85	1	1/21/2010	
trans-1,2-dichloroethene	BQL	7.23	1.63	1	1/21/2010	
1,2-Dichloropropane	BQL	7.23	1.71	1	1/21/2010	
1,3-Dichloropropane	BQL	7.23	1.62	1	1/21/2010	
2,2-Dichloropropane	BQL	7.23	1.74	1	1/21/2010	
1,1-Dichloropropene	BQL	7.23	2.27	1	1/21/2010	
cis-1,3-Dichloropropene	BQL	7.23	1.20	1	1/21/2010	
trans-1,3-Dichloropropene	BQL	7.23	1.39	1	1/21/2010	
Dichlorodifluoromethane	BQL	7.23	1.91	1	1/21/2010	
Diisopropyl ether (DIPE)	BQL	7.23	1.63	1	1/21/2010	
Ethylbenzene	BQL	7.23	1.25	1	1/21/2010	
Hexachlorobutadiene	BQL	7.23	1.41	1	1/21/2010	
2-Hexanone	BQL	18.1	4.69	1	1/21/2010	
Iodomethane	BQL	7.23	1.56	1	1/21/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-18
Client Project ID: AVX
Lab Sample ID G582-629-2A
Lab Project ID: G582-629
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-19-2010 13:15
Date Received: 1/20/2010
Matrix: Soil
Sample Amount: 3.75 g
%Solids: 92.2

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	7.23	1.28	1	1/21/2010	
4-Isopropyltoluene	BQL	7.23	1.55	1	1/21/2010	
Methylene chloride	BQL	28.9	1.72	1	1/21/2010	
4-Methyl-2-pentanone	BQL	18.1	6.70	1	1/21/2010	
Methyl-tert-butyl ether (MTBE)	BQL	7.23	1.61	1	1/21/2010	
Naphthalene	BQL	7.23	1.23	1	1/21/2010	
n-Propyl benzene	BQL	7.23	1.82	1	1/21/2010	
Styrene	BQL	7.23	1.59	1	1/21/2010	
1,1,1,2-Tetrachloroethane	BQL	7.23	1.48	1	1/21/2010	
1,1,2,2-Tetrachloroethane	BQL	7.23	1.63	1	1/21/2010	
Tetrachloroethene	BQL	7.23	1.32	1	1/21/2010	
Toluene	BQL	7.23	1.44	1	1/21/2010	
1,2,3-Trichlorobenzene	BQL	7.23	1.50	1	1/21/2010	
1,2,4-Trichlorobenzene	BQL	7.23	1.49	1	1/21/2010	
Trichloroethene	BQL	7.23	1.38	1	1/21/2010	
1,1,1-Trichloroethane	BQL	7.23	1.63	1	1/21/2010	
1,1,2-Trichloroethane	BQL	7.23	2.37	1	1/21/2010	
Trichlorofluoromethane	BQL	7.23	1.49	1	1/21/2010	
1,2,3-Trichloropropane	BQL	7.23	1.79	1	1/21/2010	
1,2,4-Trimethylbenzene	BQL	7.23	1.82	1	1/21/2010	
1,3,5-Trimethylbenzene	BQL	7.23	1.65	1	1/21/2010	
Vinyl chloride	BQL	7.23	1.97	1	1/21/2010	
m-,p-Xylene	BQL	14.5	2.78	1	1/21/2010	
o-Xylene	BQL	7.23	1.40	1	1/21/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	70.8	142
Toluene-d8	50	52.4	105
4-Bromofluorobenzene	50	44.9	90

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-19
Client Project ID: AVX
Lab Sample ID G582-629-3A
Lab Project ID: G582-629
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-19-2010 16:00
Date Received: 1/20/2010
Matrix: Soil
Sample Amount: 4.03 g
%Solids: 87.5

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	70.7	9.77	1	1/21/2010	
Benzene	BQL	7.07	1.51	1	1/21/2010	
Bromobenzene	BQL	7.07	1.46	1	1/21/2010	
Bromochloromethane	BQL	7.07	2.43	1	1/21/2010	
Bromodichloromethane	BQL	7.07	1.40	1	1/21/2010	
Bromoform	BQL	7.07	1.41	1	1/21/2010	
Bromomethane	BQL	7.07	1.48	1	1/21/2010	
2-Butanone	BQL	35.4	7.68	1	1/21/2010	
n-Butylbenzene	BQL	7.07	1.35	1	1/21/2010	
sec-Butylbenzene	BQL	7.07	1.43	1	1/21/2010	
tert-Butylbenzene	BQL	7.07	1.58	1	1/21/2010	
Carbon disulfide	BQL	7.07	3.79	1	1/21/2010	
Carbon tetrachloride	BQL	7.07	1.44	1	1/21/2010	
Chlorobenzene	BQL	7.07	1.68	1	1/21/2010	
Chloroethane	BQL	7.07	2.25	1	1/21/2010	
Chloroform	BQL	7.07	1.70	1	1/21/2010	
Chloromethane	BQL	7.07	1.60	1	1/21/2010	
2-Chlorotoluene	BQL	7.07	1.43	1	1/21/2010	
4-Chlorotoluene	BQL	7.07	1.77	1	1/21/2010	
Dibromochloromethane	BQL	7.07	1.95	1	1/21/2010	
1,2-Dibromo-3-chloropropane	BQL	35.4	2.05	1	1/21/2010	
Dibromomethane	BQL	7.07	2.14	1	1/21/2010	
1,2-Dibromoethane (EDB)	BQL	7.07	1.60	1	1/21/2010	
1,2-Dichlorobenzene	BQL	7.07	1.82	1	1/21/2010	
1,3-Dichlorobenzene	BQL	7.07	1.81	1	1/21/2010	
1,4-Dichlorobenzene	BQL	7.07	1.48	1	1/21/2010	
trans-1,4-Dichloro-2-butene	BQL	35.4	1.95	1	1/21/2010	
1,1-Dichloroethane	BQL	7.07	1.50	1	1/21/2010	
1,1-Dichloroethene	BQL	7.07	2.09	1	1/21/2010	
1,2-Dichloroethane	BQL	7.07	1.87	1	1/21/2010	
cis-1,2-Dichloroethene	BQL	7.07	1.81	1	1/21/2010	
trans-1,2-dichloroethene	BQL	7.07	1.60	1	1/21/2010	
1,2-Dichloropropane	BQL	7.07	1.67	1	1/21/2010	
1,3-Dichloropropane	BQL	7.07	1.58	1	1/21/2010	
2,2-Dichloropropane	BQL	7.07	1.70	1	1/21/2010	
1,1-Dichloropropene	BQL	7.07	2.22	1	1/21/2010	
cis-1,3-Dichloropropene	BQL	7.07	1.18	1	1/21/2010	
trans-1,3-Dichloropropene	BQL	7.07	1.36	1	1/21/2010	
Dichlorodifluoromethane	BQL	7.07	1.87	1	1/21/2010	
Diisopropyl ether (DIPE)	BQL	7.07	1.60	1	1/21/2010	
Ethylbenzene	BQL	7.07	1.22	1	1/21/2010	
Hexachlorobutadiene	BQL	7.07	1.38	1	1/21/2010	
2-Hexanone	BQL	17.7	4.58	1	1/21/2010	
Iodomethane	BQL	7.07	1.53	1	1/21/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-19
Client Project ID: AVX
Lab Sample ID G582-629-3A
Lab Project ID: G582-629
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-19-2010 16:00
Date Received: 1/20/2010
Matrix: Soil
Sample Amount: 4.03 g
%Solids: 87.5

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	7.07	1.26	1	1/21/2010	
4-Isopropyltoluene	BQL	7.07	1.51	1	1/21/2010	
Methylene chloride	**2.23**	28.3	1.68	1	1/21/2010	J
4-Methyl-2-pentanone	BQL	17.7	6.55	1	1/21/2010	
Methyl-tert-butyl ether (MTBE)	BQL	7.07	1.57	1	1/21/2010	
Naphthalene	BQL	7.07	1.20	1	1/21/2010	
n-Propyl benzene	BQL	7.07	1.78	1	1/21/2010	
Styrene	BQL	7.07	1.56	1	1/21/2010	
1,1,1,2-Tetrachloroethane	BQL	7.07	1.44	1	1/21/2010	
1,1,2,2-Tetrachloroethane	BQL	7.07	1.60	1	1/21/2010	
Tetrachloroethene	BQL	7.07	1.30	1	1/21/2010	
Toluene	BQL	7.07	1.41	1	1/21/2010	
1,2,3-Trichlorobenzene	BQL	7.07	1.47	1	1/21/2010	
1,2,4-Trichlorobenzene	BQL	7.07	1.46	1	1/21/2010	
Trichloroethene	BQL	7.07	1.35	1	1/21/2010	
1,1,1-Trichloroethane	BQL	7.07	1.60	1	1/21/2010	
1,1,2-Trichloroethane	BQL	7.07	2.32	1	1/21/2010	
Trichlorofluoromethane	BQL	7.07	1.46	1	1/21/2010	
1,2,3-Trichloropropane	BQL	7.07	1.75	1	1/21/2010	
1,2,4-Trimethylbenzene	BQL	7.07	1.78	1	1/21/2010	
1,3,5-Trimethylbenzene	BQL	7.07	1.61	1	1/21/2010	
Vinyl chloride	BQL	7.07	1.92	1	1/21/2010	
m-,p-Xylene	BQL	14.1	2.72	1	1/21/2010	
o-Xylene	BQL	7.07	1.37	1	1/21/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	72.5	145
Toluene-d8	50	52.2	104
4-Bromofluorobenzene	50	44.8	90

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-20
Client Project ID: AVX
Lab Sample ID G582-629-4A
Lab Project ID: G582-629
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-19-2010 16:15
Date Received: 1/20/2010
Matrix: Soil
Sample Amount: 3.70 g
%Solids: 92.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	18.4	72.9	10.1	1	1/21/2010	J
Benzene	BQL	7.29	1.56	1	1/21/2010	
Bromobenzene	BQL	7.29	1.50	1	1/21/2010	
Bromochloromethane	BQL	7.29	2.51	1	1/21/2010	
Bromodichloromethane	BQL	7.29	1.45	1	1/21/2010	
Bromoform	BQL	7.29	1.46	1	1/21/2010	
Bromomethane	BQL	7.29	1.53	1	1/21/2010	
2-Butanone	BQL	36.5	7.92	1	1/21/2010	
n-Butylbenzene	BQL	7.29	1.39	1	1/21/2010	
sec-Butylbenzene	BQL	7.29	1.47	1	1/21/2010	
tert-Butylbenzene	BQL	7.29	1.63	1	1/21/2010	
Carbon disulfide	BQL	7.29	3.91	1	1/21/2010	
Carbon tetrachloride	BQL	7.29	1.49	1	1/21/2010	
Chlorobenzene	BQL	7.29	1.74	1	1/21/2010	
Chloroethane	BQL	7.29	2.32	1	1/21/2010	
Chloroform	BQL	7.29	1.75	1	1/21/2010	
Chloromethane	BQL	7.29	1.65	1	1/21/2010	
2-Chlorotoluene	BQL	7.29	1.47	1	1/21/2010	
4-Chlorotoluene	BQL	7.29	1.82	1	1/21/2010	
Dibromochloromethane	BQL	7.29	2.01	1	1/21/2010	
1,2-Dibromo-3-chloropropane	BQL	36.5	2.11	1	1/21/2010	
Dibromomethane	BQL	7.29	2.20	1	1/21/2010	
1,2-Dibromoethane (EDB)	BQL	7.29	1.65	1	1/21/2010	
1,2-Dichlorobenzene	BQL	7.29	1.88	1	1/21/2010	
1,3-Dichlorobenzene	BQL	7.29	1.87	1	1/21/2010	
1,4-Dichlorobenzene	BQL	7.29	1.53	1	1/21/2010	
trans-1,4-Dichloro-2-butene	BQL	36.5	2.01	1	1/21/2010	
1,1-Dichloroethane	BQL	7.29	1.55	1	1/21/2010	
1,1-Dichloroethene	BQL	7.29	2.16	1	1/21/2010	
1,2-Dichloroethane	BQL	7.29	1.93	1	1/21/2010	
cis-1,2-Dichloroethene	BQL	7.29	1.87	1	1/21/2010	
trans-1,2-dichloroethene	BQL	7.29	1.65	1	1/21/2010	
1,2-Dichloropropane	BQL	7.29	1.72	1	1/21/2010	
1,3-Dichloropropane	BQL	7.29	1.63	1	1/21/2010	
2,2-Dichloropropane	BQL	7.29	1.75	1	1/21/2010	
1,1-Dichloropropene	BQL	7.29	2.29	1	1/21/2010	
cis-1,3-Dichloropropene	BQL	7.29	1.21	1	1/21/2010	
trans-1,3-Dichloropropene	BQL	7.29	1.40	1	1/21/2010	
Dichlorodifluoromethane	BQL	7.29	1.93	1	1/21/2010	
Diisopropyl ether (DIPE)	BQL	7.29	1.65	1	1/21/2010	
Ethylbenzene	BQL	7.29	1.26	1	1/21/2010	
Hexachlorobutadiene	BQL	7.29	1.42	1	1/21/2010	
2-Hexanone	BQL	18.2	4.73	1	1/21/2010	
Iodomethane	BQL	7.29	1.58	1	1/21/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-20
Client Project ID: AVX
Lab Sample ID G582-629-4A
Lab Project ID: G582-629
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-19-2010 16:15
Date Received: 1/20/2010
Matrix: Soil
Sample Amount: 3.70 g
%Solids: 92.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	7.29	1.30	1	1/21/2010	
4-Isopropyltoluene	BQL	7.29	1.56	1	1/21/2010	
Methylene chloride	BQL	29.2	1.74	1	1/21/2010	
4-Methyl-2-pentanone	BQL	18.2	6.75	1	1/21/2010	
Methyl-tert-butyl ether (MTBE)	BQL	7.29	1.62	1	1/21/2010	
Naphthalene	BQL	7.29	1.24	1	1/21/2010	
n-Propyl benzene	BQL	7.29	1.84	1	1/21/2010	
Styrene	BQL	7.29	1.60	1	1/21/2010	
1,1,1,2-Tetrachloroethane	BQL	7.29	1.49	1	1/21/2010	
1,1,2,2-Tetrachloroethane	BQL	7.29	1.65	1	1/21/2010	
Tetrachloroethene	BQL	7.29	1.34	1	1/21/2010	
Toluene	BQL	7.29	1.45	1	1/21/2010	
1,2,3-Trichlorobenzene	BQL	7.29	1.52	1	1/21/2010	
1,2,4-Trichlorobenzene	BQL	7.29	1.50	1	1/21/2010	
Trichloroethene	BQL	7.29	1.39	1	1/21/2010	
1,1,1-Trichloroethane	BQL	7.29	1.65	1	1/21/2010	
1,1,2-Trichloroethane	BQL	7.29	2.39	1	1/21/2010	
Trichlorofluoromethane	BQL	7.29	1.50	1	1/21/2010	
1,2,3-Trichloropropane	BQL	7.29	1.81	1	1/21/2010	
1,2,4-Trimethylbenzene	BQL	7.29	1.84	1	1/21/2010	
1,3,5-Trimethylbenzene	BQL	7.29	1.66	1	1/21/2010	
Vinyl chloride	BQL	7.29	1.98	1	1/21/2010	
m-,p-Xylene	BQL	14.6	2.80	1	1/21/2010	
o-Xylene	BQL	7.29	1.41	1	1/21/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	70.4	141
Toluene-d8	50	51.4	103
4-Bromofluorobenzene	50	46.9	94

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____ Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID VBLK9012110B
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected:
Date Received:
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	50.0	6.91	1	1/21/2010	
Benzene	BQL	5.00	1.07	1	1/21/2010	
Bromobenzene	BQL	5.00	1.03	1	1/21/2010	
Bromochloromethane	BQL	5.00	1.72	1	1/21/2010	
Bromodichloromethane	BQL	5.00	0.992	1	1/21/2010	
Bromoform	BQL	5.00	1.00	1	1/21/2010	
Bromomethane	BQL	5.00	1.05	1	1/21/2010	
2-Butanone	BQL	25.0	5.43	1	1/21/2010	
n-Butylbenzene	BQL	5.00	0.955	1	1/21/2010	
sec-Butylbenzene	BQL	5.00	1.01	1	1/21/2010	
tert-Butylbenzene	BQL	5.00	1.12	1	1/21/2010	
Carbon disulfide	BQL	5.00	2.68	1	1/21/2010	
Carbon tetrachloride	BQL	5.00	1.02	1	1/21/2010	
Chlorobenzene	BQL	5.00	1.19	1	1/21/2010	
Chloroethane	BQL	5.00	1.59	1	1/21/2010	
Chloroform	BQL	5.00	1.20	1	1/21/2010	
Chloromethane	BQL	5.00	1.13	1	1/21/2010	
2-Chlorotoluene	BQL	5.00	1.01	1	1/21/2010	
4-Chlorotoluene	BQL	5.00	1.25	1	1/21/2010	
Dibromochloromethane	BQL	5.00	1.38	1	1/21/2010	
1,2-Dibromo-3-chloropropane	BQL	25.0	1.45	1	1/21/2010	
Dibromomethane	BQL	5.00	1.51	1	1/21/2010	
1,2-Dibromoethane (EDB)	BQL	5.00	1.13	1	1/21/2010	
1,2-Dichlorobenzene	BQL	5.00	1.29	1	1/21/2010	
1,3-Dichlorobenzene	BQL	5.00	1.28	1	1/21/2010	
1,4-Dichlorobenzene	BQL	5.00	1.05	1	1/21/2010	
trans-1,4-Dichloro-2-butene	BQL	25.0	1.38	1	1/21/2010	
1,1-Dichloroethane	BQL	5.00	1.06	1	1/21/2010	
1,1-Dichloroethene	BQL	5.00	1.48	1	1/21/2010	
1,2-Dichloroethane	BQL	5.00	1.32	1	1/21/2010	
cis-1,2-Dichloroethene	BQL	5.00	1.28	1	1/21/2010	
trans-1,2-dichloroethene	BQL	5.00	1.13	1	1/21/2010	
1,2-Dichloropropane	BQL	5.00	1.18	1	1/21/2010	
1,3-Dichloropropane	BQL	5.00	1.12	1	1/21/2010	
2,2-Dichloropropane	BQL	5.00	1.20	1	1/21/2010	
1,1-Dichloropropene	BQL	5.00	1.57	1	1/21/2010	
cis-1,3-Dichloropropene	BQL	5.00	0.833	1	1/21/2010	
trans-1,3-Dichloropropene	BQL	5.00	0.963	1	1/21/2010	
Dichlorodifluoromethane	BQL	5.00	1.32	1	1/21/2010	
Diisopropyl ether (DIPE)	BQL	5.00	1.13	1	1/21/2010	
Ethylbenzene	BQL	5.00	0.866	1	1/21/2010	
Hexachlorobutadiene	BQL	5.00	0.975	1	1/21/2010	
2-Hexanone	BQL	12.5	3.24	1	1/21/2010	
Iodomethane	BQL	5.00	1.08	1	1/21/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID VBLK9012110B
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected:
Date Received:
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	5.00	0.888	1	1/21/2010	
4-Isopropyltoluene	BQL	5.00	1.07	1	1/21/2010	
Methylene chloride	BQL	20.0	1.19	1	1/21/2010	
4-Methyl-2-pentanone	BQL	12.5	4.63	1	1/21/2010	
Methyl-tert-butyl ether (MTBE)	BQL	5.00	1.11	1	1/21/2010	
Naphthalene	BQL	5.00	0.850	1	1/21/2010	
n-Propyl benzene	BQL	5.00	1.26	1	1/21/2010	
Styrene	BQL	5.00	1.10	1	1/21/2010	
1,1,1,2-Tetrachloroethane	BQL	5.00	1.02	1	1/21/2010	
1,1,2,2-Tetrachloroethane	BQL	5.00	1.13	1	1/21/2010	
Tetrachloroethene	BQL	5.00	0.916	1	1/21/2010	
Toluene	BQL	5.00	0.997	1	1/21/2010	
1,2,3-Trichlorobenzene	BQL	5.00	1.04	1	1/21/2010	
1,2,4-Trichlorobenzene	BQL	5.00	1.03	1	1/21/2010	
Trichloroethene	BQL	5.00	0.954	1	1/21/2010	
1,1,1-Trichloroethane	BQL	5.00	1.13	1	1/21/2010	
1,1,2-Trichloroethane	BQL	5.00	1.64	1	1/21/2010	
Trichlorofluoromethane	BQL	5.00	1.03	1	1/21/2010	
1,2,3-Trichloropropane	BQL	5.00	1.24	1	1/21/2010	
1,2,4-Trimethylbenzene	BQL	5.00	1.26	1	1/21/2010	
1,3,5-Trimethylbenzene	BQL	5.00	1.14	1	1/21/2010	
Vinyl chloride	BQL	5.00	1.36	1	1/21/2010	
m-,p-Xylene	BQL	10.0	1.92	1	1/21/2010	
o-Xylene	BQL	5.00	0.969	1	1/21/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	52.5	105
Toluene-d8	50	51.9	104
4-Bromofluorobenzene	50	49.1	98

Comments:

Flags:
BQL = Below Quantitation Limits.
J = Detected below the quantitation limit.

Analyst: _____

Reviewed By: _____

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental

Dilution: 1

Lab Code: NC00919

Matrix: Soil

LCS: LCS9012110A ilename: 0121903.D Date Analyzed: 01/21/10 11:36

LCSD: LCS9012110B ilename: 0121904.D Date Analyzed: 01/21/10 12:02

COMPOUND	LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	75.0	74.3	99.1	75.0	84.0	112	12.2	30	16.7-286
acrolein	300	294	98.0	300	297	99.0	0.961	30	16.7-226
acrylonitrile	300	294	98.2	300	293	97.6	0.627	30	13.3-201
benzene	30.0	30.3	101	30.0	30.2	101	0.00	30	68.6-132
bromobenzene	30.0	29.9	99.7	30.0	31.9	106	6.41	30	56.7-146
bromochloromethane	30.0	31.5	105	30.0	33.6	112	6.42	30	52.5-154
bromodichloromethane	30.0	31.2	104	30.0	32.7	109	4.54	30	65.4-137
bromoform	30.0	28.6	95.5	30.0	31.3	104	8.75	30	48.3-147
bromomethane	30.0	27.5	91.8	30.0	26.8	89.5	2.46	30	16.7-246
2-butanone	75.0	81.3	108	75.0	84.3	112	3.60	30	16.7-314
n-butylbenzene	30.0	28.4	94.6	30.0	28.7	95.8	1.22	30	58.4-135
sec-butylbenzene	30.0	29.0	96.6	30.0	29.4	97.8	1.23	30	57.2-136
tert-butylbenzene	30.0	29.2	97.3	30.0	30.2	101	3.60	30	50.8-139
Carbon disulfide	30.0	29.4	97.9	30.0	30.6	102	4.00	30	16.7-276
carbon tetrachloride	30.0	29.1	96.9	30.0	31.3	104	7.29	30	61.1-141
chlorobenzene	30.0	29.3	97.7	30.0	30.1	100	2.33	30	63.0-129
chloroethane	30.0	32.7	109	30.0	31.9	106	2.38	30	22.5-200
2-chloroethyl vinyl ether	300	300	99.9	300	337	112	11.7	30	16.7-275
chloroform	30.0	29.5	98.4	30.0	29.9	99.6	1.18	30	65.0-137
chloromethane	30.0	31.0	103	30.0	31.0	103	0.194	30	16.7-182
2-chlorotoluene	30.0	29.3	97.7	30.0	29.8	99.4	1.72	30	61.1-138
4-chlorotoluene	30.0	28.8	96.1	30.0	29.9	99.7	3.68	30	63.8-134
dibromochloromethane	30.0	30.0	100	30.0	30.8	102	2.50	30	56.0-144
1,2-dibromo-3-chloropropane	150	157	105	150	156	104	0.652	30	16.7-213
1,2-dibromoethane	30.0	29.6	98.6	30.0	31.4	105	6.09	30	58.8-139
dibromomethane	30.0	32.1	107	30.0	34.0	113	5.72	30	54.1-154
1,2-dichlorobenzene	30.0	30.2	101	30.0	30.6	102	1.18	30	61.5-138
1,3-dichlorobenzene	30.0	30.2	101	30.0	30.8	103	1.94	30	61.5-138
1,4-dichlorobenzene	30.0	29.5	98.4	30.0	30.3	101	2.58	30	61.1-138
trans-1,4-Dichloro-2-butene	150	164	110	150	170	113	3.40	30	16.7-212
dichlorodifluoromethane	30.0	33.3	111	30.0	33.1	110	0.723	30	25.4-165
1,1-dichloroethane	30.0	27.4	91.3	30.0	27.1	90.5	0.880	30	62.4-140
1,2-dichloroethane	30.0	31.1	104	30.0	31.2	104	0.257	30	55.3-152
1,1-dichloroethene	30.0	28.6	95.3	30.0	29.8	99.2	4.01	30	65.4-134
cis-1,2-dichloroethene	30.0	29.4	98.0	30.0	30.2	101	2.68	30	63.8-138
trans-1,2-dichloroethene	30.0	28.4	94.8	30.0	29.4	98.0	3.35	30	63.3-139
1,2-dichloropropane	30.0	31.5	105	30.0	31.2	104	1.08	30	60.0-139
1,3-dichloropropane	30.0	30.4	101	30.0	30.9	103	1.56	30	62.3-136
2,2-dichloropropane	30.0	28.7	95.8	30.0	29.5	98.2	2.54	30	62.5-140
1,1-dichloropropene	30.0	29.6	98.7	30.0	29.5	98.5	0.169	30	60.9-136
cis-1,3-dichloropropene	30.0	31.2	104	30.0	34.7	116	10.9	30	59.8-141

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

_____

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental
Dilution: 1
Lab Code: NC00919
Matrix: Soil
LCS: LCS9012110A ilename: 0121903.D Date Analyzed: 01/21/10 11:36
LCSD: LCS9012110B ilename: 0121904.D Date Analyzed: 01/21/10 12:02

COMPOUND	LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	30.0	30.4	102	30.0	32.4	108	6.17	30	7.27-173
Diisopropyl ether	30.0	28.0	93.5	30.0	27.0	90.0	3.85	30	9.01-172
ethylbenzene	30.0	28.4	94.7	30.0	29.6	98.7	4.10	30	16.7-187
hexachlorobutadiene	30.0	28.6	95.3	30.0	27.2	90.8	4.84	30	16.7-173
2-hexanone	75.0	82.1	109	75.0	92.2	123	11.6	30	16.7-304
Iodomethane	30.0	32.8	109	30.0	33.9	113	3.24	30	16.7-200
isopropylbenzene	30.0	28.3	94.5	30.0	29.2	97.3	2.95	30	6.43-167
4-isopropyltoluene	30.0	29.8	99.5	30.0	30.0	100	0.601	30	6.97-170
Methyl-tert-butyl ether	30.0	29.2	97.2	30.0	30.1	100	3.00	30	10.7-173
methylene chloride	30.0	28.5	94.9	30.0	30.7	102	7.64	30	8.58-169
4-methyl-2-pentanone	75.0	81.4	108	75.0	91.1	121	11.2	30	16.7-293
naphthalene	30.0	31.9	106	30.0	32.0	107	0.282	30	16.7-175
n-propyl benzene	30.0	28.7	95.6	30.0	29.4	98.2	2.72	30	7.25-172
styrene	30.0	29.1	97.1	30.0	30.7	102	5.38	30	10.2-168
1,1,1,2-tetrachloroethane	30.0	30.1	100	30.0	31.5	105	4.61	30	5.87-177
1,1,2,2-tetrachloroethane	30.0	31.6	105	30.0	33.2	111	5.06	30	10.9-168
tetrachloroethene	30.0	28.2	93.9	30.0	28.4	94.7	0.813	30	16.7-195
toluene	30.0	29.8	99.4	30.0	31.3	104	4.52	30	26.6-159
1,2,3-trichlorobenzene	30.0	29.7	99.1	30.0	32.3	108	8.25	30	4.64-169
1,2,4-trichlorobenzene	30.0	29.6	98.8	30.0	30.0	99.9	1.17	30	6.55-165
1,1,1-trichloroethane	30.0	29.1	97.0	30.0	30.5	102	4.86	30	8.40-173
1,1,2-trichloroethane	30.0	29.6	98.8	30.0	30.7	102	3.51	30	12.2-166
trichloroethene	30.0	29.8	99.5	30.0	30.9	103	3.46	30	24.0-158
trichlorofluoromethane	30.0	29.2	97.5	30.0	28.5	95.1	2.46	30	5.64-183
1,2,3-trichloropropane	30.0	31.3	104	30.0	32.2	107	2.61	30	16.7-186
1,2,4-trimethylbenzene	30.0	29.3	97.6	30.0	30.0	99.8	2.30	30	8.60-168
1,3,5-trimethylbenzene	30.0	27.7	92.3	30.0	28.7	95.7	3.55	30	8.09-168
Vinyl acetate	75.0	72.6	96.8	75.0	70.0	93.3	3.59	30	16.7-225
vinyl chloride	30.0	30.8	102	30.0	30.5	102	0.718	30	7.56-178
m/p-xylene	60.0	56.7	94.6	60.0	58.6	97.6	3.17	30	8.91-169
o-xylene	30.0	29.5	98.5	30.0	30.7	102	3.75	30	9.45-167

System Monitoring Compound Results

		LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	50	49.13	98.2	50	49.77	99.5	49.1-151
17060-07-0	1,2-Dichloroethane-d4	50	53.61	107	50	52.78	106	37.8-170
2037-26-5	Toluene-d8	50	50.85	102	50	52.23	104	58.8-144

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS Spike Recovery: 0 failure(s) out of 72. LCSD Spike Recovery: 0 failure(s) out of 72.

RPD: 0 out of 72 outside of limits

COMMENTS: _____

Analyst: _____ Reviewed by: _____

CHAIN OF CUSTODY RECORD
SGS North America Inc.

Locations Nationwide
- Alaska
- Maryland
- New Jersey
- New York
- North Carolina
- Ohio

www.us.sgs.com

096257

SGS Reference: G582-629

PAGE _____ OF _____

(1)
CLIENT: ARCADIS
CONTACT: MARK RICHARDSON PHONE NO: (585) 202-4393
PROJECT: AVX SITE/PWSID#: Myrtle Beach
REPORTS TO: MARK HANISH
310 SEVEN FIELDS BLVD
SEVEN FIELDS, PA 16046 FAX NO.: (724) 742-9189
INVOICE TO: ARCADIS QUOTE #:
630 Plaza Dr.
Highlands Ranch, CO 80129 P.O. NUMBER: B0007393.0000

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C=COMP G=GRAB)	Preservatives Used	Analysis Required (3) VOC-8260	REMARKS
	SB-PDG-17	1/19/10	1300	SOIL	5	G		X	
	SB-PDG-18		1315		5	G		X	
	SB-PDG-19		1600		5	G		X	
	SB-PDG-20		1615		5	G		X	

(5)

	Date	Time	
Collected/Relinquished By: (1)	1/19/10	1700	Received By:
Relinquished By: (2)	1/20/10	1000	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Shipping Carrier:
Shipping Ticket No:
Samples Received Cold? (Circle) YES NO
Temperature °C: 5.9°C
Special Deliverable Requirements:
Chain of Custody Seal: (Circle)
INTACT BROKEN ABSENT
Special Instructions:
Requested Turnaround Time:
☒ RUSH 24-Hour TAT (Date Needed) ☐ STD

SGS North America, Inc.

❑ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
❑ 5500 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557

White - Retained by Lab
Pink - Retained by Client

SGS

Mark Hanish
Arcadis
600 Waterfront Dr.
Pittsburgh, PA 15222

Report Number: G582-632

Client Project: AVX

Dear Mark Hanish,

Enclosed are the results of the analytical services performed under the referenced project for the received samples and associated QC as applicable. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or services performed during this project, please call Barbara Hager at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS North America, Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America, Inc.

Barbara Hager Jan. 25, 2010

Project Manager
Barbara Hager

Date

List of Reporting Abbreviations
And Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantification Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL/CL = Reporting Limit / Control Limit

RPD = Relative Percent Difference

UJ = Target analytes with recoveries that are 10% < %R < LCL; # of MEs are allowable and compounds are not detected in the sample.

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:
1) Metals and mercury samples are digested with a hot block; see the standard operating procedure document for details.
2) Uncertainty for all reported data is less than or equal to 30 percent.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-21
Client Project ID: AVX
Lab Sample ID G582-632-1A
Lab Project ID: G582-632
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-20-2010 15:00
Date Received: 1/22/2010
Matrix: Soil
Sample Amount: 2.26 g
%Solids: 93.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	118	16.3	1	1/23/2010	
Benzene	BQL	11.8	2.52	1	1/23/2010	
Bromobenzene	BQL	11.8	2.42	1	1/23/2010	
Bromochloromethane	BQL	11.8	4.04	1	1/23/2010	
Bromodichloromethane	BQL	11.8	2.33	1	1/23/2010	
Bromoform	BQL	11.8	2.35	1	1/23/2010	
Bromomethane	BQL	11.8	2.47	1	1/23/2010	
2-Butanone	BQL	58.8	12.8	1	1/23/2010	
n-Butylbenzene	BQL	11.8	2.25	1	1/23/2010	
sec-Butylbenzene	BQL	11.8	2.38	1	1/23/2010	
tert-Butylbenzene	BQL	11.8	2.63	1	1/23/2010	
Carbon disulfide	BQL	11.8	6.30	1	1/23/2010	
Carbon tetrachloride	BQL	11.8	2.40	1	1/23/2010	
Chlorobenzene	BQL	11.8	2.80	1	1/23/2010	
Chloroethane	BQL	11.8	3.74	1	1/23/2010	
Chloroform	BQL	11.8	2.82	1	1/23/2010	
Chloromethane	BQL	11.8	2.66	1	1/23/2010	
2-Chlorotoluene	BQL	11.8	2.38	1	1/23/2010	
4-Chlorotoluene	BQL	11.8	2.94	1	1/23/2010	
Dibromochloromethane	BQL	11.8	3.25	1	1/23/2010	
1,2-Dibromo-3-chloropropane	BQL	58.8	3.41	1	1/23/2010	
Dibromomethane	BQL	11.8	3.55	1	1/23/2010	
1,2-Dibromoethane (EDB)	BQL	11.8	2.66	1	1/23/2010	
1,2-Dichlorobenzene	BQL	11.8	3.03	1	1/23/2010	
1,3-Dichlorobenzene	BQL	11.8	3.01	1	1/23/2010	
1,4-Dichlorobenzene	BQL	11.8	2.47	1	1/23/2010	
trans-1,4-Dichloro-2-butene	BQL	58.8	3.25	1	1/23/2010	
1,1-Dichloroethane	BQL	11.8	2.49	1	1/23/2010	
1,1-Dichloroethene	BQL	11.8	3.48	1	1/23/2010	
1,2-Dichloroethane	BQL	11.8	3.10	1	1/23/2010	
cis-1,2-Dichloroethene	BQL	11.8	3.01	1	1/23/2010	
trans-1,2-dichloroethene	BQL	11.8	2.66	1	1/23/2010	
1,2-Dichloropropane	BQL	11.8	2.78	1	1/23/2010	
1,3-Dichloropropane	BQL	11.8	2.63	1	1/23/2010	
2,2-Dichloropropane	BQL	11.8	2.82	1	1/23/2010	
1,1-Dichloropropene	BQL	11.8	3.69	1	1/23/2010	
cis-1,3-Dichloropropene	BQL	11.8	1.96	1	1/23/2010	
trans-1,3-Dichloropropene	BQL	11.8	2.26	1	1/23/2010	
Dichlorodifluoromethane	BQL	11.8	3.10	1	1/23/2010	
Diisopropyl ether (DIPE)	BQL	11.8	2.66	1	1/23/2010	
Ethylbenzene	BQL	11.8	2.04	1	1/23/2010	
Hexachlorobutadiene	BQL	11.8	2.29	1	1/23/2010	
2-Hexanone	BQL	29.4	7.62	1	1/23/2010	
Iodomethane	BQL	11.8	2.54	1	1/23/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-21
Client Project ID: AVX
Lab Sample ID G582-632-1A
Lab Project ID: G582-632
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-20-2010 15:00
Date Received: 1/22/2010
Matrix: Soil
Sample Amount: 2.26 g
%Solids: 93.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	11.8	2.09	1	1/23/2010	
4-Isopropyltoluene	BQL	11.8	2.52	1	1/23/2010	
Methylene chloride	BQL	47.0	2.80	1	1/23/2010	
4-Methyl-2-pentanone	BQL	29.4	10.9	1	1/23/2010	
Methyl-tert-butyl ether (MTBE)	BQL	11.8	2.61	1	1/23/2010	
Naphthalene	BQL	11.8	2.00	1	1/23/2010	
n-Propyl benzene	BQL	11.8	2.96	1	1/23/2010	
Styrene	BQL	11.8	2.59	1	1/23/2010	
1,1,1,2-Tetrachloroethane	BQL	11.8	2.40	1	1/23/2010	
1,1,2,2-Tetrachloroethane	BQL	11.8	2.66	1	1/23/2010	
Tetrachloroethene	BQL	11.8	2.15	1	1/23/2010	
Toluene	BQL	11.8	2.34	1	1/23/2010	
1,2,3-Trichlorobenzene	BQL	11.8	2.45	1	1/23/2010	
1,2,4-Trichlorobenzene	BQL	11.8	2.42	1	1/23/2010	
Trichloroethene	BQL	11.8	2.24	1	1/23/2010	
1,1,1-Trichloroethane	BQL	11.8	2.66	1	1/23/2010	
1,1,2-Trichloroethane	BQL	11.8	3.86	1	1/23/2010	
Trichlorofluoromethane	BQL	11.8	2.42	1	1/23/2010	
1,2,3-Trichloropropane	BQL	11.8	2.92	1	1/23/2010	
1,2,4-Trimethylbenzene	BQL	11.8	2.96	1	1/23/2010	
1,3,5-Trimethylbenzene	BQL	11.8	2.68	1	1/23/2010	
Vinyl chloride	BQL	11.8	3.20	1	1/23/2010	
m-,p-Xylene	BQL	23.5	4.52	1	1/23/2010	
o-Xylene	BQL	11.8	2.28	1	1/23/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	73.4	147
Toluene-d8	50	51.8	104
4-Bromofluorobenzene	50	44.5	89

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-22
Client Project ID: AVX
Lab Sample ID G582-632-2A
Lab Project ID: G582-632
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-20-2010 15:10
Date Received: 1/22/2010
Matrix: Soil
Sample Amount: 4.17 g
%Solids: 82.5

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**24.6**	72.7	10.0	1	1/23/2010	J
Benzene	BQL	7.27	1.56	1	1/23/2010	
Bromobenzene	BQL	7.27	1.50	1	1/23/2010	
Bromochloromethane	BQL	7.27	2.50	1	1/23/2010	
Bromodichloromethane	BQL	7.27	1.44	1	1/23/2010	
Bromoform	BQL	7.27	1.45	1	1/23/2010	
Bromomethane	BQL	7.27	1.53	1	1/23/2010	
2-Butanone	BQL	36.4	7.90	1	1/23/2010	
n-Butylbenzene	BQL	7.27	1.39	1	1/23/2010	
sec-Butylbenzene	BQL	7.27	1.47	1	1/23/2010	
tert-Butylbenzene	BQL	7.27	1.63	1	1/23/2010	
Carbon disulfide	BQL	7.27	3.90	1	1/23/2010	
Carbon tetrachloride	BQL	7.27	1.48	1	1/23/2010	
Chlorobenzene	BQL	7.27	1.73	1	1/23/2010	
Chloroethane	BQL	7.27	2.31	1	1/23/2010	
Chloroform	BQL	7.27	1.74	1	1/23/2010	
Chloromethane	BQL	7.27	1.64	1	1/23/2010	
2-Chlorotoluene	BQL	7.27	1.47	1	1/23/2010	
4-Chlorotoluene	BQL	7.27	1.82	1	1/23/2010	
Dibromochloromethane	BQL	7.27	2.01	1	1/23/2010	
1,2-Dibromo-3-chloropropane	BQL	36.4	2.11	1	1/23/2010	
Dibromomethane	BQL	7.27	2.20	1	1/23/2010	
1,2-Dibromoethane (EDB)	BQL	7.27	1.64	1	1/23/2010	
1,2-Dichlorobenzene	BQL	7.27	1.88	1	1/23/2010	
1,3-Dichlorobenzene	BQL	7.27	1.86	1	1/23/2010	
1,4-Dichlorobenzene	BQL	7.27	1.53	1	1/23/2010	
trans-1,4-Dichloro-2-butene	BQL	36.4	2.01	1	1/23/2010	
1,1-Dichloroethane	BQL	7.27	1.54	1	1/23/2010	
1,1-Dichloroethene	BQL	7.27	2.15	1	1/23/2010	
1,2-Dichloroethane	BQL	7.27	1.92	1	1/23/2010	
cis-1,2-Dichloroethene	BQL	7.27	1.86	1	1/23/2010	
trans-1,2-dichloroethene	BQL	7.27	1.64	1	1/23/2010	
1,2-Dichloropropane	BQL	7.27	1.72	1	1/23/2010	
1,3-Dichloropropane	BQL	7.27	1.63	1	1/23/2010	
2,2-Dichloropropane	BQL	7.27	1.74	1	1/23/2010	
1,1-Dichloropropene	BQL	7.27	2.28	1	1/23/2010	
cis-1,3-Dichloropropene	BQL	7.27	1.21	1	1/23/2010	
trans-1,3-Dichloropropene	BQL	7.27	1.40	1	1/23/2010	
Dichlorodifluoromethane	BQL	7.27	1.92	1	1/23/2010	
Diisopropyl ether (DIPE)	BQL	7.27	1.64	1	1/23/2010	
Ethylbenzene	BQL	7.27	1.26	1	1/23/2010	
Hexachlorobutadiene	BQL	7.27	1.42	1	1/23/2010	
2-Hexanone	BQL	18.2	4.71	1	1/23/2010	
Iodomethane	BQL	7.27	1.57	1	1/23/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-22
Client Project ID: AVX
Lab Sample ID G582-632-2A
Lab Project ID: G582-632
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-20-2010 15:10
Date Received: 1/22/2010
Matrix: Soil
Sample Amount: 4.17 g
%Solids: 82.5

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	7.27	1.29	1	1/23/2010	
4-Isopropyltoluene	BQL	7.27	1.56	1	1/23/2010	
Methylene chloride	BQL	29.1	1.73	1	1/23/2010	
4-Methyl-2-pentanone	BQL	18.2	6.73	1	1/23/2010	
Methyl-tert-butyl ether (MTBE)	BQL	7.27	1.61	1	1/23/2010	
Naphthalene	BQL	7.27	1.24	1	1/23/2010	
n-Propyl benzene	BQL	7.27	1.83	1	1/23/2010	
Styrene	BQL	7.27	1.60	1	1/23/2010	
1,1,1,2-Tetrachloroethane	BQL	7.27	1.48	1	1/23/2010	
1,1,2,2-Tetrachloroethane	BQL	7.27	1.64	1	1/23/2010	
Tetrachloroethene	BQL	7.27	1.33	1	1/23/2010	
Toluene	BQL	7.27	1.45	1	1/23/2010	
1,2,3-Trichlorobenzene	BQL	7.27	1.51	1	1/23/2010	
1,2,4-Trichlorobenzene	BQL	7.27	1.50	1	1/23/2010	
Trichloroethene	BQL	7.27	1.39	1	1/23/2010	
1,1,1-Trichloroethane	BQL	7.27	1.64	1	1/23/2010	
1,1,2-Trichloroethane	BQL	7.27	2.38	1	1/23/2010	
Trichlorofluoromethane	BQL	7.27	1.50	1	1/23/2010	
1,2,3-Trichloropropane	BQL	7.27	1.80	1	1/23/2010	
1,2,4-Trimethylbenzene	BQL	7.27	1.83	1	1/23/2010	
1,3,5-Trimethylbenzene	BQL	7.27	1.66	1	1/23/2010	
Vinyl chloride	BQL	7.27	1.98	1	1/23/2010	
m-,p-Xylene	BQL	14.5	2.79	1	1/23/2010	
o-Xylene	BQL	7.27	1.41	1	1/23/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	71	142
Toluene-d8	50	52.5	105
4-Bromofluorobenzene	50	42.6	85

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-23
Client Project ID: AVX
Lab Sample ID G582-632-3A
Lab Project ID: G582-632
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-20-2010 15:20
Date Received: 1/22/2010
Matrix: Soil
Sample Amount: 4.21 g
%Solids: 84.2

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**30.3**	70.6	9.75	1	1/23/2010	J
Benzene	BQL	7.06	1.51	1	1/23/2010	
Bromobenzene	BQL	7.06	1.45	1	1/23/2010	
Bromochloromethane	BQL	7.06	2.43	1	1/23/2010	
Bromodichloromethane	BQL	7.06	1.40	1	1/23/2010	
Bromoform	BQL	7.06	1.41	1	1/23/2010	
Bromomethane	BQL	7.06	1.48	1	1/23/2010	
2-Butanone	BQL	35.3	7.66	1	1/23/2010	
n-Butylbenzene	BQL	7.06	1.35	1	1/23/2010	
sec-Butylbenzene	BQL	7.06	1.43	1	1/23/2010	
tert-Butylbenzene	BQL	7.06	1.58	1	1/23/2010	
Carbon disulfide	BQL	7.06	3.78	1	1/23/2010	
Carbon tetrachloride	BQL	7.06	1.44	1	1/23/2010	
Chlorobenzene	BQL	7.06	1.68	1	1/23/2010	
Chloroethane	BQL	7.06	2.24	1	1/23/2010	
Chloroform	BQL	7.06	1.69	1	1/23/2010	
Chloromethane	BQL	7.06	1.59	1	1/23/2010	
2-Chlorotoluene	BQL	7.06	1.43	1	1/23/2010	
4-Chlorotoluene	BQL	7.06	1.76	1	1/23/2010	
Dibromochloromethane	BQL	7.06	1.95	1	1/23/2010	
1,2-Dibromo-3-chloropropane	BQL	35.3	2.05	1	1/23/2010	
Dibromomethane	BQL	7.06	2.13	1	1/23/2010	
1,2-Dibromoethane (EDB)	BQL	7.06	1.59	1	1/23/2010	
1,2-Dichlorobenzene	BQL	7.06	1.82	1	1/23/2010	
1,3-Dichlorobenzene	BQL	7.06	1.81	1	1/23/2010	
1,4-Dichlorobenzene	BQL	7.06	1.48	1	1/23/2010	
trans-1,4-Dichloro-2-butene	BQL	35.3	1.95	1	1/23/2010	
1,1-Dichloroethane	BQL	7.06	1.50	1	1/23/2010	
1,1-Dichloroethene	BQL	7.06	2.09	1	1/23/2010	
1,2-Dichloroethane	BQL	7.06	1.86	1	1/23/2010	
cis-1,2-Dichloroethene	BQL	7.06	1.81	1	1/23/2010	
trans-1,2-dichloroethene	BQL	7.06	1.59	1	1/23/2010	
1,2-Dichloropropane	BQL	7.06	1.67	1	1/23/2010	
1,3-Dichloropropane	BQL	7.06	1.58	1	1/23/2010	
2,2-Dichloropropane	BQL	7.06	1.69	1	1/23/2010	
1,1-Dichloropropene	BQL	7.06	2.22	1	1/23/2010	
cis-1,3-Dichloropropene	BQL	7.06	1.18	1	1/23/2010	
trans-1,3-Dichloropropene	BQL	7.06	1.36	1	1/23/2010	
Dichlorodifluoromethane	BQL	7.06	1.86	1	1/23/2010	
Diisopropyl ether (DIPE)	BQL	7.06	1.59	1	1/23/2010	
Ethylbenzene	BQL	7.06	1.22	1	1/23/2010	
Hexachlorobutadiene	BQL	7.06	1.38	1	1/23/2010	
2-Hexanone	BQL	17.6	4.57	1	1/23/2010	
Iodomethane	BQL	7.06	1.52	1	1/23/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-23
Client Project ID: AVX
Lab Sample ID G582-632-3A
Lab Project ID: G582-632
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-20-2010 15:20
Date Received: 1/22/2010
Matrix: Soil
Sample Amount: 4.21 g
%Solids: 84.2

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	7.06	1.25	1	1/23/2010	
4-Isopropyltoluene	BQL	7.06	1.51	1	1/23/2010	
Methylene chloride	BQL	28.2	1.68	1	1/23/2010	
4-Methyl-2-pentanone	BQL	17.6	6.53	1	1/23/2010	
Methyl-tert-butyl ether (MTBE)	BQL	7.06	1.57	1	1/23/2010	
Naphthalene	BQL	7.06	1.20	1	1/23/2010	
n-Propyl benzene	BQL	7.06	1.78	1	1/23/2010	
Styrene	BQL	7.06	1.55	1	1/23/2010	
1,1,1,2-Tetrachloroethane	BQL	7.06	1.44	1	1/23/2010	
1,1,2,2-Tetrachloroethane	BQL	7.06	1.59	1	1/23/2010	
Tetrachloroethene	BQL	7.06	1.29	1	1/23/2010	
Toluene	BQL	7.06	1.41	1	1/23/2010	
1,2,3-Trichlorobenzene	BQL	7.06	1.47	1	1/23/2010	
1,2,4-Trichlorobenzene	BQL	7.06	1.45	1	1/23/2010	
Trichloroethene	BQL	7.06	1.35	1	1/23/2010	
1,1,1-Trichloroethane	BQL	7.06	1.59	1	1/23/2010	
1,1,2-Trichloroethane	BQL	7.06	2.31	1	1/23/2010	
Trichlorofluoromethane	BQL	7.06	1.45	1	1/23/2010	
1,2,3-Trichloropropane	BQL	7.06	1.75	1	1/23/2010	
1,2,4-Trimethylbenzene	BQL	7.06	1.78	1	1/23/2010	
1,3,5-Trimethylbenzene	BQL	7.06	1.61	1	1/23/2010	
Vinyl chloride	BQL	7.06	1.92	1	1/23/2010	
m-,p-Xylene	BQL	14.1	2.71	1	1/23/2010	
o-Xylene	BQL	7.06	1.37	1	1/23/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	71.7	143
Toluene-d8	50	52.6	105
4-Bromofluorobenzene	50	45	90

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-24
Client Project ID: AVX
Lab Sample ID G582-632-4A
Lab Project ID: G582-632
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-20-2010 15:30
Date Received: 1/22/2010
Matrix: Soil
Sample Amount: 4.38 g
%Solids: 83.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	27.0	68.3	9.44	1	1/23/2010	J
Benzene	BQL	6.83	1.46	1	1/23/2010	
Bromobenzene	BQL	6.83	1.41	1	1/23/2010	
Bromochloromethane	BQL	6.83	2.35	1	1/23/2010	
Bromodichloromethane	BQL	6.83	1.35	1	1/23/2010	
Bromoform	BQL	6.83	1.37	1	1/23/2010	
Bromomethane	BQL	6.83	1.43	1	1/23/2010	
2-Butanone	BQL	34.1	7.42	1	1/23/2010	
n-Butylbenzene	BQL	6.83	1.30	1	1/23/2010	
sec-Butylbenzene	BQL	6.83	1.38	1	1/23/2010	
tert-Butylbenzene	BQL	6.83	1.53	1	1/23/2010	
Carbon disulfide	BQL	6.83	3.66	1	1/23/2010	
Carbon tetrachloride	BQL	6.83	1.39	1	1/23/2010	
Chlorobenzene	BQL	6.83	1.63	1	1/23/2010	
Chloroethane	BQL	6.83	2.17	1	1/23/2010	
Chloroform	BQL	6.83	1.64	1	1/23/2010	
Chloromethane	BQL	6.83	1.54	1	1/23/2010	
2-Chlorotoluene	BQL	6.83	1.38	1	1/23/2010	
4-Chlorotoluene	BQL	6.83	1.71	1	1/23/2010	
Dibromochloromethane	BQL	6.83	1.88	1	1/23/2010	
1,2-Dibromo-3-chloropropane	BQL	34.1	1.98	1	1/23/2010	
Dibromomethane	BQL	6.83	2.06	1	1/23/2010	
1,2-Dibromoethane (EDB)	BQL	6.83	1.54	1	1/23/2010	
1,2-Dichlorobenzene	BQL	6.83	1.76	1	1/23/2010	
1,3-Dichlorobenzene	BQL	6.83	1.75	1	1/23/2010	
1,4-Dichlorobenzene	BQL	6.83	1.43	1	1/23/2010	
trans-1,4-Dichloro-2-butene	BQL	34.1	1.88	1	1/23/2010	
1,1-Dichloroethane	BQL	6.83	1.45	1	1/23/2010	
1,1-Dichloroethene	BQL	6.83	2.02	1	1/23/2010	
1,2-Dichloroethane	BQL	6.83	1.80	1	1/23/2010	
cis-1,2-Dichloroethene	BQL	6.83	1.75	1	1/23/2010	
trans-1,2-dichloroethene	BQL	6.83	1.54	1	1/23/2010	
1,2-Dichloropropane	BQL	6.83	1.61	1	1/23/2010	
1,3-Dichloropropane	BQL	6.83	1.53	1	1/23/2010	
2,2-Dichloropropane	BQL	6.83	1.64	1	1/23/2010	
1,1-Dichloropropene	BQL	6.83	2.14	1	1/23/2010	
cis-1,3-Dichloropropene	BQL	6.83	1.14	1	1/23/2010	
trans-1,3-Dichloropropene	BQL	6.83	1.32	1	1/23/2010	
Dichlorodifluoromethane	BQL	6.83	1.80	1	1/23/2010	
Diisopropyl ether (DIPE)	BQL	6.83	1.54	1	1/23/2010	
Ethylbenzene	BQL	6.83	1.18	1	1/23/2010	
Hexachlorobutadiene	BQL	6.83	1.33	1	1/23/2010	
2-Hexanone	BQL	17.1	4.42	1	1/23/2010	
Iodomethane	BQL	6.83	1.47	1	1/23/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-24
Client Project ID: AVX
Lab Sample ID G582-632-4A
Lab Project ID: G582-632
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-20-2010 15:30
Date Received: 1/22/2010
Matrix: Soil
Sample Amount: 4.38 g
%Solids: 83.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	6.83	1.21	1	1/23/2010	
4-Isopropyltoluene	BQL	6.83	1.46	1	1/23/2010	
Methylene chloride	BQL	27.3	1.63	1	1/23/2010	
4-Methyl-2-pentanone	BQL	17.1	6.32	1	1/23/2010	
Methyl-tert-butyl ether (MTBE)	BQL	6.83	1.52	1	1/23/2010	
Naphthalene	BQL	6.83	1.16	1	1/23/2010	
n-Propyl benzene	BQL	6.83	1.72	1	1/23/2010	
Styrene	BQL	6.83	1.50	1	1/23/2010	
1,1,1,2-Tetrachloroethane	BQL	6.83	1.39	1	1/23/2010	
1,1,2,2-Tetrachloroethane	BQL	6.83	1.54	1	1/23/2010	
Tetrachloroethene	BQL	6.83	1.25	1	1/23/2010	
Toluene	BQL	6.83	1.36	1	1/23/2010	
1,2,3-Trichlorobenzene	BQL	6.83	1.42	1	1/23/2010	
1,2,4-Trichlorobenzene	BQL	6.83	1.41	1	1/23/2010	
Trichloroethene	BQL	6.83	1.30	1	1/23/2010	
1,1,1-Trichloroethane	BQL	6.83	1.54	1	1/23/2010	
1,1,2-Trichloroethane	BQL	6.83	2.24	1	1/23/2010	
Trichlorofluoromethane	BQL	6.83	1.41	1	1/23/2010	
1,2,3-Trichloropropane	BQL	6.83	1.69	1	1/23/2010	
1,2,4-Trimethylbenzene	BQL	6.83	1.72	1	1/23/2010	
1,3,5-Trimethylbenzene	BQL	6.83	1.56	1	1/23/2010	
Vinyl chloride	BQL	6.83	1.86	1	1/23/2010	
m-,p-Xylene	BQL	13.7	2.62	1	1/23/2010	
o-Xylene	BQL	6.83	1.32	1	1/23/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	72.7	145
Toluene-d8	50	51.7	103
4-Bromofluorobenzene	50	43.9	88

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: CV

Reviewed By: [illegible]

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-25
Client Project ID: AVX
Lab Sample ID G582-632-5A
Lab Project ID: G582-632
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-20-2010 15:40
Date Received: 1/22/2010
Matrix: Soil
Sample Amount: 4.75 g
%Solids: 81.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**23.5**	64.4	8.90	1	1/23/2010	J
Benzene	BQL	6.44	1.38	1	1/23/2010	
Bromobenzene	BQL	6.44	1.33	1	1/23/2010	
Bromochloromethane	BQL	6.44	2.22	1	1/23/2010	
Bromodichloromethane	BQL	6.44	1.28	1	1/23/2010	
Bromoform	BQL	6.44	1.29	1	1/23/2010	
Bromomethane	BQL	6.44	1.35	1	1/23/2010	
2-Butanone	BQL	32.2	6.99	1	1/23/2010	
n-Butylbenzene	BQL	6.44	1.23	1	1/23/2010	
sec-Butylbenzene	BQL	6.44	1.30	1	1/23/2010	
tert-Butylbenzene	BQL	6.44	1.44	1	1/23/2010	
Carbon disulfide	BQL	6.44	3.45	1	1/23/2010	
Carbon tetrachloride	BQL	6.44	1.31	1	1/23/2010	
Chlorobenzene	BQL	6.44	1.53	1	1/23/2010	
Chloroethane	BQL	6.44	2.05	1	1/23/2010	
Chloroform	BQL	6.44	1.55	1	1/23/2010	
Chloromethane	BQL	6.44	1.46	1	1/23/2010	
2-Chlorotoluene	BQL	6.44	1.30	1	1/23/2010	
4-Chlorotoluene	BQL	6.44	1.61	1	1/23/2010	
Dibromochloromethane	BQL	6.44	1.78	1	1/23/2010	
1,2-Dibromo-3-chloropropane	BQL	32.2	1.87	1	1/23/2010	
Dibromomethane	BQL	6.44	1.95	1	1/23/2010	
1,2-Dibromoethane (EDB)	BQL	6.44	1.46	1	1/23/2010	
1,2-Dichlorobenzene	BQL	6.44	1.66	1	1/23/2010	
1,3-Dichlorobenzene	BQL	6.44	1.65	1	1/23/2010	
1,4-Dichlorobenzene	BQL	6.44	1.35	1	1/23/2010	
trans-1,4-Dichloro-2-butene	BQL	32.2	1.78	1	1/23/2010	
1,1-Dichloroethane	BQL	6.44	1.37	1	1/23/2010	
1,1-Dichloroethene	BQL	6.44	1.91	1	1/23/2010	
1,2-Dichloroethane	BQL	6.44	1.70	1	1/23/2010	
cis-1,2-Dichloroethene	BQL	6.44	1.65	1	1/23/2010	
trans-1,2-dichloroethene	BQL	6.44	1.46	1	1/23/2010	
1,2-Dichloropropane	BQL	6.44	1.52	1	1/23/2010	
1,3-Dichloropropane	BQL	6.44	1.44	1	1/23/2010	
2,2-Dichloropropane	BQL	6.44	1.55	1	1/23/2010	
1,1-Dichloropropene	BQL	6.44	2.02	1	1/23/2010	
cis-1,3-Dichloropropene	BQL	6.44	1.07	1	1/23/2010	
trans-1,3-Dichloropropene	BQL	6.44	1.24	1	1/23/2010	
Dichlorodifluoromethane	BQL	6.44	1.70	1	1/23/2010	
Diisopropyl ether (DIPE)	BQL	6.44	1.46	1	1/23/2010	
Ethylbenzene	BQL	6.44	1.12	1	1/23/2010	
Hexachlorobutadiene	BQL	6.44	1.26	1	1/23/2010	
2-Hexanone	BQL	16.1	4.17	1	1/23/2010	
Iodomethane	BQL	6.44	1.39	1	1/23/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-25
Client Project ID: AVX
Lab Sample ID G582-632-5A
Lab Project ID: G582-632
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-20-2010 15:40
Date Received: 1/22/2010
Matrix: Soil
Sample Amount: 4.75 g
%Solids: 81.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	6.44	1.14	1	1/23/2010	
4-Isopropyltoluene	BQL	6.44	1.38	1	1/23/2010	
Methylene chloride	BQL	25.8	1.53	1	1/23/2010	
4-Methyl-2-pentanone	BQL	16.1	5.96	1	1/23/2010	
Methyl-tert-butyl ether (MTBE)	BQL	6.44	1.43	1	1/23/2010	
Naphthalene	BQL	6.44	1.09	1	1/23/2010	
n-Propyl benzene	BQL	6.44	1.62	1	1/23/2010	
Styrene	BQL	6.44	1.42	1	1/23/2010	
1,1,1,2-Tetrachloroethane	BQL	6.44	1.31	1	1/23/2010	
1,1,2,2-Tetrachloroethane	BQL	6.44	1.46	1	1/23/2010	
Tetrachloroethene	BQL	6.44	1.18	1	1/23/2010	
Toluene	BQL	6.44	1.28	1	1/23/2010	
1,2,3-Trichlorobenzene	BQL	6.44	1.34	1	1/23/2010	
1,2,4-Trichlorobenzene	BQL	6.44	1.33	1	1/23/2010	
Trichloroethene	BQL	6.44	1.23	1	1/23/2010	
1,1,1-Trichloroethane	BQL	6.44	1.46	1	1/23/2010	
1,1,2-Trichloroethane	BQL	6.44	2.11	1	1/23/2010	
Trichlorofluoromethane	BQL	6.44	1.33	1	1/23/2010	
1,2,3-Trichloropropane	BQL	6.44	1.60	1	1/23/2010	
1,2,4-Trimethylbenzene	BQL	6.44	1.62	1	1/23/2010	
1,3,5-Trimethylbenzene	BQL	6.44	1.47	1	1/23/2010	
Vinyl chloride	BQL	6.44	1.75	1	1/23/2010	
m-,p-Xylene	BQL	12.9	2.47	1	1/23/2010	
o-Xylene	BQL	6.44	1.25	1	1/23/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	71.5	143
Toluene-d8	50	50.5	101
4-Bromofluorobenzene	50	44.9	90

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-26
Client Project ID: AVX
Lab Sample ID G582-632-6A
Lab Project ID: G582-632
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-20-2010 15:50
Date Received: 1/22/2010
Matrix: Soil
Sample Amount: 4.09 g
%Solids: 82.2

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**14.5**	74.4	10.3	1	1/23/2010	J
Benzene	BQL	7.44	1.59	1	1/23/2010	
Bromobenzene	BQL	7.44	1.53	1	1/23/2010	
Bromochloromethane	BQL	7.44	2.56	1	1/23/2010	
Bromodichloromethane	BQL	7.44	1.48	1	1/23/2010	
Bromoform	BQL	7.44	1.49	1	1/23/2010	
Bromomethane	BQL	7.44	1.56	1	1/23/2010	
2-Butanone	BQL	37.2	8.08	1	1/23/2010	
n-Butylbenzene	BQL	7.44	1.42	1	1/23/2010	
sec-Butylbenzene	BQL	7.44	1.50	1	1/23/2010	
tert-Butylbenzene	BQL	7.44	1.67	1	1/23/2010	
Carbon disulfide	BQL	7.44	3.99	1	1/23/2010	
Carbon tetrachloride	BQL	7.44	1.52	1	1/23/2010	
Chlorobenzene	BQL	7.44	1.77	1	1/23/2010	
Chloroethane	BQL	7.44	2.36	1	1/23/2010	
Chloroform	BQL	7.44	1.78	1	1/23/2010	
Chloromethane	BQL	7.44	1.68	1	1/23/2010	
2-Chlorotoluene	BQL	7.44	1.50	1	1/23/2010	
4-Chlorotoluene	BQL	7.44	1.86	1	1/23/2010	
Dibromochloromethane	BQL	7.44	2.05	1	1/23/2010	
1,2-Dibromo-3-chloropropane	BQL	37.2	2.16	1	1/23/2010	
Dibromomethane	BQL	7.44	2.25	1	1/23/2010	
1,2-Dibromoethane (EDB)	BQL	7.44	1.68	1	1/23/2010	
1,2-Dichlorobenzene	BQL	7.44	1.92	1	1/23/2010	
1,3-Dichlorobenzene	BQL	7.44	1.90	1	1/23/2010	
1,4-Dichlorobenzene	BQL	7.44	1.56	1	1/23/2010	
trans-1,4-Dichloro-2-butene	BQL	37.2	2.05	1	1/23/2010	
1,1-Dichloroethane	BQL	7.44	1.58	1	1/23/2010	
1,1-Dichloroethene	**4.88**	7.44	2.20	1	1/23/2010	J
1,2-Dichloroethane	BQL	7.44	1.96	1	1/23/2010	
cis-1,2-Dichloroethene	BQL	7.44	1.90	1	1/23/2010	
trans-1,2-dichloroethene	BQL	7.44	1.68	1	1/23/2010	
1,2-Dichloropropane	BQL	7.44	1.76	1	1/23/2010	
1,3-Dichloropropane	BQL	7.44	1.67	1	1/23/2010	
2,2-Dichloropropane	BQL	7.44	1.78	1	1/23/2010	
1,1-Dichloropropene	BQL	7.44	2.34	1	1/23/2010	
cis-1,3-Dichloropropene	BQL	7.44	1.24	1	1/23/2010	
trans-1,3-Dichloropropene	BQL	7.44	1.43	1	1/23/2010	
Dichlorodifluoromethane	BQL	7.44	1.96	1	1/23/2010	
Diisopropyl ether (DIPE)	BQL	7.44	1.68	1	1/23/2010	
Ethylbenzene	BQL	7.44	1.29	1	1/23/2010	
Hexachlorobutadiene	BQL	7.44	1.45	1	1/23/2010	
2-Hexanone	BQL	18.6	4.82	1	1/23/2010	
Iodomethane	BQL	7.44	1.61	1	1/23/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-26
Client Project ID: AVX
Lab Sample ID G582-632-6A
Lab Project ID: G582-632
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-20-2010 15:50
Date Received: 1/22/2010
Matrix: Soil
Sample Amount: 4.09 g
%Solids: 82.2

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	7.44	1.32	1	1/23/2010	
4-Isopropyltoluene	BQL	7.44	1.59	1	1/23/2010	
Methylene chloride	BQL	29.7	1.77	1	1/23/2010	
4-Methyl-2-pentanone	BQL	18.6	6.89	1	1/23/2010	
Methyl-tert-butyl ether (MTBE)	BQL	7.44	1.65	1	1/23/2010	
Naphthalene	BQL	7.44	1.26	1	1/23/2010	
n-Propyl benzene	BQL	7.44	1.87	1	1/23/2010	
Styrene	BQL	7.44	1.64	1	1/23/2010	
1,1,1,2-Tetrachloroethane	BQL	7.44	1.52	1	1/23/2010	
1,1,2,2-Tetrachloroethane	BQL	7.44	1.68	1	1/23/2010	
Tetrachloroethene	BQL	7.44	1.36	1	1/23/2010	
Toluene	BQL	7.44	1.48	1	1/23/2010	
1,2,3-Trichlorobenzene	BQL	7.44	1.55	1	1/23/2010	
1,2,4-Trichlorobenzene	BQL	7.44	1.53	1	1/23/2010	
Trichloroethene	BQL	7.44	1.42	1	1/23/2010	
1,1,1-Trichloroethane	BQL	7.44	1.68	1	1/23/2010	
1,1,2-Trichloroethane	BQL	7.44	2.44	1	1/23/2010	
Trichlorofluoromethane	BQL	7.44	1.53	1	1/23/2010	
1,2,3-Trichloropropane	BQL	7.44	1.84	1	1/23/2010	
1,2,4-Trimethylbenzene	BQL	7.44	1.87	1	1/23/2010	
1,3,5-Trimethylbenzene	BQL	7.44	1.70	1	1/23/2010	
Vinyl chloride	BQL	7.44	2.02	1	1/23/2010	
m-,p-Xylene	BQL	14.9	2.86	1	1/23/2010	
o-Xylene	BQL	7.44	1.44	1	1/23/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	73.4	147
Toluene-d8	50	52.8	106
4-Bromofluorobenzene	50	42.6	85

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-27
Client Project ID: AVX
Lab Sample ID G582-632-7A
Lab Project ID: G582-632
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-20-2010 16:00
Date Received: 1/22/2010
Matrix: Soil
Sample Amount: 3.82 g
%Solids: 83.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**38.6**	78.0	10.8	1	1/23/2010	J
Benzene	BQL	7.80	1.67	1	1/23/2010	
Bromobenzene	BQL	7.80	1.61	1	1/23/2010	
Bromochloromethane	BQL	7.80	2.68	1	1/23/2010	
Bromodichloromethane	BQL	7.80	1.55	1	1/23/2010	
Bromoform	BQL	7.80	1.56	1	1/23/2010	
Bromomethane	BQL	7.80	1.64	1	1/23/2010	
2-Butanone	BQL	39.0	8.47	1	1/23/2010	
n-Butylbenzene	BQL	7.80	1.49	1	1/23/2010	
sec-Butylbenzene	BQL	7.80	1.58	1	1/23/2010	
tert-Butylbenzene	BQL	7.80	1.75	1	1/23/2010	
Carbon disulfide	BQL	7.80	4.18	1	1/23/2010	
Carbon tetrachloride	BQL	7.80	1.59	1	1/23/2010	
Chlorobenzene	BQL	7.80	1.86	1	1/23/2010	
Chloroethane	BQL	7.80	2.48	1	1/23/2010	
Chloroform	BQL	7.80	1.87	1	1/23/2010	
Chloromethane	BQL	7.80	1.76	1	1/23/2010	
2-Chlorotoluene	BQL	7.80	1.58	1	1/23/2010	
4-Chlorotoluene	BQL	7.80	1.95	1	1/23/2010	
Dibromochloromethane	BQL	7.80	2.15	1	1/23/2010	
1,2-Dibromo-3-chloropropane	BQL	39.0	2.26	1	1/23/2010	
Dibromomethane	BQL	7.80	2.36	1	1/23/2010	
1,2-Dibromoethane (EDB)	BQL	7.80	1.76	1	1/23/2010	
1,2-Dichlorobenzene	BQL	7.80	2.01	1	1/23/2010	
1,3-Dichlorobenzene	BQL	7.80	2.00	1	1/23/2010	
1,4-Dichlorobenzene	BQL	7.80	1.64	1	1/23/2010	
trans-1,4-Dichloro-2-butene	BQL	39.0	2.15	1	1/23/2010	
1,1-Dichloroethane	BQL	7.80	1.65	1	1/23/2010	
1,1-Dichloroethene	BQL	7.80	2.31	1	1/23/2010	
1,2-Dichloroethane	BQL	7.80	2.06	1	1/23/2010	
cis-1,2-Dichloroethene	BQL	7.80	2.00	1	1/23/2010	
trans-1,2-dichloroethene	BQL	7.80	1.76	1	1/23/2010	
1,2-Dichloropropane	BQL	7.80	1.84	1	1/23/2010	
1,3-Dichloropropane	BQL	7.80	1.75	1	1/23/2010	
2,2-Dichloropropane	BQL	7.80	1.87	1	1/23/2010	
1,1-Dichloropropene	BQL	7.80	2.45	1	1/23/2010	
cis-1,3-Dichloropropene	BQL	7.80	1.30	1	1/23/2010	
trans-1,3-Dichloropropene	BQL	7.80	1.50	1	1/23/2010	
Dichlorodifluoromethane	BQL	7.80	2.06	1	1/23/2010	
Diisopropyl ether (DIPE)	BQL	7.80	1.76	1	1/23/2010	
Ethylbenzene	BQL	7.80	1.35	1	1/23/2010	
Hexachlorobutadiene	BQL	7.80	1.52	1	1/23/2010	
2-Hexanone	BQL	19.5	5.05	1	1/23/2010	
Iodomethane	BQL	7.80	1.68	1	1/23/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-27
Client Project ID: AVX
Lab Sample ID G582-632-7A
Lab Project ID: G582-632
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-20-2010 16:00
Date Received: 1/22/2010
Matrix: Soil
Sample Amount: 3.82 g
%Solids: 83.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	7.80	1.39	1	1/23/2010	
4-Isopropyltoluene	BQL	7.80	1.67	1	1/23/2010	
Methylene chloride	BQL	31.2	1.86	1	1/23/2010	
4-Methyl-2-pentanone	BQL	19.5	7.22	1	1/23/2010	
Methyl-tert-butyl ether (MTBE)	BQL	7.80	1.73	1	1/23/2010	
Naphthalene	BQL	7.80	1.33	1	1/23/2010	
n-Propyl benzene	BQL	7.80	1.97	1	1/23/2010	
Styrene	BQL	7.80	1.72	1	1/23/2010	
1,1,1,2-Tetrachloroethane	BQL	7.80	1.59	1	1/23/2010	
1,1,2,2-Tetrachloroethane	BQL	7.80	1.76	1	1/23/2010	
Tetrachloroethene	BQL	7.80	1.43	1	1/23/2010	
Toluene	BQL	7.80	1.56	1	1/23/2010	
1,2,3-Trichlorobenzene	BQL	7.80	1.62	1	1/23/2010	
1,2,4-Trichlorobenzene	BQL	7.80	1.61	1	1/23/2010	
Trichloroethene	BQL	7.80	1.49	1	1/23/2010	
1,1,1-Trichloroethane	BQL	7.80	1.76	1	1/23/2010	
1,1,2-Trichloroethane	BQL	7.80	2.56	1	1/23/2010	
Trichlorofluoromethane	BQL	7.80	1.61	1	1/23/2010	
1,2,3-Trichloropropane	BQL	7.80	1.93	1	1/23/2010	
1,2,4-Trimethylbenzene	BQL	7.80	1.97	1	1/23/2010	
1,3,5-Trimethylbenzene	BQL	7.80	1.78	1	1/23/2010	
Vinyl chloride	BQL	7.80	2.12	1	1/23/2010	
m-,p-Xylene	BQL	15.6	2.99	1	1/23/2010	
o-Xylene	BQL	7.80	1.51	1	1/23/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	70.5	141
Toluene-d8	50	51.9	104
4-Bromofluorobenzene	50	42.9	86

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: CL

Reviewed By: MH

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-28
Client Project ID: AVX
Lab Sample ID G582-632-8A
Lab Project ID: G582-632
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-20-2010 16:10
Date Received: 1/22/2010
Matrix: Soil
Sample Amount: 3.20 g
%Solids: 88.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**44.1**	88.2	12.2	1	1/23/2010	J
Benzene	BQL	8.82	1.89	1	1/23/2010	
Bromobenzene	BQL	8.82	1.82	1	1/23/2010	
Bromochloromethane	BQL	8.82	3.03	1	1/23/2010	
Bromodichloromethane	BQL	8.82	1.75	1	1/23/2010	
Bromoform	BQL	8.82	1.76	1	1/23/2010	
Bromomethane	BQL	8.82	1.85	1	1/23/2010	
2-Butanone	BQL	44.1	9.57	1	1/23/2010	
n-Butylbenzene	BQL	8.82	1.68	1	1/23/2010	
sec-Butylbenzene	BQL	8.82	1.78	1	1/23/2010	
tert-Butylbenzene	BQL	8.82	1.97	1	1/23/2010	
Carbon disulfide	BQL	8.82	4.73	1	1/23/2010	
Carbon tetrachloride	BQL	8.82	1.80	1	1/23/2010	
Chlorobenzene	BQL	8.82	2.10	1	1/23/2010	
Chloroethane	BQL	8.82	2.80	1	1/23/2010	
Chloroform	BQL	8.82	2.12	1	1/23/2010	
Chloromethane	BQL	8.82	1.99	1	1/23/2010	
2-Chlorotoluene	BQL	8.82	1.78	1	1/23/2010	
4-Chlorotoluene	BQL	8.82	2.20	1	1/23/2010	
Dibromochloromethane	BQL	8.82	2.43	1	1/23/2010	
1,2-Dibromo-3-chloropropane	BQL	44.1	2.56	1	1/23/2010	
Dibromomethane	BQL	8.82	2.66	1	1/23/2010	
1,2-Dibromoethane (EDB)	BQL	8.82	1.99	1	1/23/2010	
1,2-Dichlorobenzene	BQL	8.82	2.27	1	1/23/2010	
1,3-Dichlorobenzene	BQL	8.82	2.26	1	1/23/2010	
1,4-Dichlorobenzene	BQL	8.82	1.85	1	1/23/2010	
trans-1,4-Dichloro-2-butene	BQL	44.1	2.43	1	1/23/2010	
1,1-Dichloroethane	BQL	8.82	1.87	1	1/23/2010	
1,1-Dichloroethene	BQL	8.82	2.61	1	1/23/2010	
1,2-Dichloroethane	BQL	8.82	2.33	1	1/23/2010	
cis-1,2-Dichloroethene	BQL	8.82	2.26	1	1/23/2010	
trans-1,2-dichloroethene	BQL	8.82	1.99	1	1/23/2010	
1,2-Dichloropropane	BQL	8.82	2.08	1	1/23/2010	
1,3-Dichloropropane	BQL	8.82	1.97	1	1/23/2010	
2,2-Dichloropropane	BQL	8.82	2.12	1	1/23/2010	
1,1-Dichloropropene	BQL	8.82	2.77	1	1/23/2010	
cis-1,3-Dichloropropene	BQL	8.82	1.47	1	1/23/2010	
trans-1,3-Dichloropropene	BQL	8.82	1.70	1	1/23/2010	
Dichlorodifluoromethane	BQL	8.82	2.33	1	1/23/2010	
Diisopropyl ether (DIPE)	BQL	8.82	1.99	1	1/23/2010	
Ethylbenzene	BQL	8.82	1.53	1	1/23/2010	
Hexachlorobutadiene	BQL	8.82	1.72	1	1/23/2010	
2-Hexanone	BQL	22.0	5.71	1	1/23/2010	
Iodomethane	BQL	8.82	1.90	1	1/23/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-28
Client Project ID: AVX
Lab Sample ID G582-632-8A
Lab Project ID: G582-632
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-20-2010 16:10
Date Received: 1/22/2010
Matrix: Soil
Sample Amount: 3.20 g
%Solids: 88.6

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	8.82	1.57	1	1/23/2010	
4-Isopropyltoluene	BQL	8.82	1.89	1	1/23/2010	
Methylene chloride	BQL	35.3	2.10	1	1/23/2010	
4-Methyl-2-pentanone	BQL	22.0	8.16	1	1/23/2010	
Methyl-tert-butyl ether (MTBE)	BQL	8.82	1.96	1	1/23/2010	
Naphthalene	BQL	8.82	1.50	1	1/23/2010	
n-Propyl benzene	BQL	8.82	2.22	1	1/23/2010	
Styrene	BQL	8.82	1.94	1	1/23/2010	
1,1,1,2-Tetrachloroethane	BQL	8.82	1.80	1	1/23/2010	
1,1,2,2-Tetrachloroethane	BQL	8.82	1.99	1	1/23/2010	
Tetrachloroethene	BQL	8.82	1.62	1	1/23/2010	
Toluene	BQL	8.82	1.76	1	1/23/2010	
1,2,3-Trichlorobenzene	BQL	8.82	1.83	1	1/23/2010	
1,2,4-Trichlorobenzene	BQL	8.82	1.82	1	1/23/2010	
Trichloroethene	BQL	8.82	1.68	1	1/23/2010	
1,1,1-Trichloroethane	BQL	8.82	1.99	1	1/23/2010	
1,1,2-Trichloroethane	BQL	8.82	2.89	1	1/23/2010	
Trichlorofluoromethane	BQL	8.82	1.82	1	1/23/2010	
1,2,3-Trichloropropane	BQL	8.82	2.19	1	1/23/2010	
1,2,4-Trimethylbenzene	BQL	8.82	2.22	1	1/23/2010	
1,3,5-Trimethylbenzene	BQL	8.82	2.01	1	1/23/2010	
Vinyl chloride	BQL	8.82	2.40	1	1/23/2010	
m-,p-Xylene	BQL	17.6	3.39	1	1/23/2010	
o-Xylene	BQL	8.82	1.71	1	1/23/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	72.3	145
Toluene-d8	50	52.9	106
4-Bromofluorobenzene	50	46.4	93

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-29
Client Project ID: AVX
Lab Sample ID G582-632-9A
Lab Project ID: G582-632
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-20-2010 16:20
Date Received: 1/22/2010
Matrix: Soil
Sample Amount: 2.92 g
%Solids: 94.5

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**21.9**	90.6	12.5	1	1/23/2010	J
Benzene	BQL	9.06	1.94	1	1/23/2010	
Bromobenzene	BQL	9.06	1.87	1	1/23/2010	
Bromochloromethane	BQL	9.06	3.12	1	1/23/2010	
Bromodichloromethane	BQL	9.06	1.80	1	1/23/2010	
Bromoform	BQL	9.06	1.81	1	1/23/2010	
Bromomethane	BQL	9.06	1.90	1	1/23/2010	
2-Butanone	BQL	45.3	9.84	1	1/23/2010	
n-Butylbenzene	BQL	9.06	1.73	1	1/23/2010	
sec-Butylbenzene	BQL	9.06	1.83	1	1/23/2010	
tert-Butylbenzene	BQL	9.06	2.03	1	1/23/2010	
Carbon disulfide	BQL	9.06	4.86	1	1/23/2010	
Carbon tetrachloride	BQL	9.06	1.85	1	1/23/2010	
Chlorobenzene	BQL	9.06	2.16	1	1/23/2010	
Chloroethane	BQL	9.06	2.88	1	1/23/2010	
Chloroform	BQL	9.06	2.17	1	1/23/2010	
Chloromethane	BQL	9.06	2.05	1	1/23/2010	
2-Chlorotoluene	BQL	9.06	1.83	1	1/23/2010	
4-Chlorotoluene	BQL	9.06	2.26	1	1/23/2010	
Dibromochloromethane	BQL	9.06	2.50	1	1/23/2010	
1,2-Dibromo-3-chloropropane	BQL	45.3	2.63	1	1/23/2010	
Dibromomethane	BQL	9.06	2.74	1	1/23/2010	
1,2-Dibromoethane (EDB)	BQL	9.06	2.05	1	1/23/2010	
1,2-Dichlorobenzene	BQL	9.06	2.34	1	1/23/2010	
1,3-Dichlorobenzene	BQL	9.06	2.32	1	1/23/2010	
1,4-Dichlorobenzene	BQL	9.06	1.90	1	1/23/2010	
trans-1,4-Dichloro-2-butene	BQL	45.3	2.50	1	1/23/2010	
1,1-Dichloroethane	BQL	9.06	1.92	1	1/23/2010	
1,1-Dichloroethene	BQL	9.06	2.68	1	1/23/2010	
1,2-Dichloroethane	BQL	9.06	2.39	1	1/23/2010	
cis-1,2-Dichloroethene	BQL	9.06	2.32	1	1/23/2010	
trans-1,2-dichloroethene	BQL	9.06	2.05	1	1/23/2010	
1,2-Dichloropropane	BQL	9.06	2.14	1	1/23/2010	
1,3-Dichloropropane	BQL	9.06	2.03	1	1/23/2010	
2,2-Dichloropropane	BQL	9.06	2.17	1	1/23/2010	
1,1-Dichloropropene	BQL	9.06	2.84	1	1/23/2010	
cis-1,3-Dichloropropene	BQL	9.06	1.51	1	1/23/2010	
trans-1,3-Dichloropropene	BQL	9.06	1.74	1	1/23/2010	
Dichlorodifluoromethane	BQL	9.06	2.39	1	1/23/2010	
Diisopropyl ether (DIPE)	BQL	9.06	2.05	1	1/23/2010	
Ethylbenzene	BQL	9.06	1.57	1	1/23/2010	
Hexachlorobutadiene	BQL	9.06	1.77	1	1/23/2010	
2-Hexanone	BQL	22.6	5.87	1	1/23/2010	
Iodomethane	BQL	9.06	1.96	1	1/23/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-29
Client Project ID: AVX
Lab Sample ID G582-632-9A
Lab Project ID: G582-632
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-20-2010 16:20
Date Received: 1/22/2010
Matrix: Soil
Sample Amount: 2.92 g
%Solids: 94.5

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	9.06	1.61	1	1/23/2010	
4-Isopropyltoluene	BQL	9.06	1.94	1	1/23/2010	
Methylene chloride	BQL	36.2	2.16	1	1/23/2010	
4-Methyl-2-pentanone	BQL	22.6	8.39	1	1/23/2010	
Methyl-tert-butyl ether (MTBE)	BQL	9.06	2.01	1	1/23/2010	
Naphthalene	BQL	9.06	1.54	1	1/23/2010	
n-Propyl benzene	BQL	9.06	2.28	1	1/23/2010	
Styrene	BQL	9.06	1.99	1	1/23/2010	
1,1,1,2-Tetrachloroethane	BQL	9.06	1.85	1	1/23/2010	
1,1,2,2-Tetrachloroethane	BQL	9.06	2.05	1	1/23/2010	
Tetrachloroethene	BQL	9.06	1.66	1	1/23/2010	
Toluene	BQL	9.06	1.81	1	1/23/2010	
1,2,3-Trichlorobenzene	BQL	9.06	1.88	1	1/23/2010	
1,2,4-Trichlorobenzene	BQL	9.06	1.87	1	1/23/2010	
Trichloroethene	BQL	9.06	1.73	1	1/23/2010	
1,1,1-Trichloroethane	BQL	9.06	2.05	1	1/23/2010	
1,1,2-Trichloroethane	BQL	9.06	2.97	1	1/23/2010	
Trichlorofluoromethane	BQL	9.06	1.87	1	1/23/2010	
1,2,3-Trichloropropane	BQL	9.06	2.25	1	1/23/2010	
1,2,4-Trimethylbenzene	BQL	9.06	2.28	1	1/23/2010	
1,3,5-Trimethylbenzene	BQL	9.06	2.07	1	1/23/2010	
Vinyl chloride	BQL	9.06	2.46	1	1/23/2010	
m-,p-Xylene	BQL	18.1	3.48	1	1/23/2010	
o-Xylene	BQL	9.06	1.76	1	1/23/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	73	146
Toluene-d8	50	52	104
4-Bromofluorobenzene	50	44.2	88

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID VBLK9012310B
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected:
Date Received:
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	50.0	6.91	1	1/23/2010	
Benzene	BQL	5.00	1.07	1	1/23/2010	
Bromobenzene	BQL	5.00	1.03	1	1/23/2010	
Bromochloromethane	BQL	5.00	1.72	1	1/23/2010	
Bromodichloromethane	BQL	5.00	0.992	1	1/23/2010	
Bromoform	BQL	5.00	1.00	1	1/23/2010	
Bromomethane	BQL	5.00	1.05	1	1/23/2010	
2-Butanone	BQL	25.0	5.43	1	1/23/2010	
n-Butylbenzene	BQL	5.00	0.955	1	1/23/2010	
sec-Butylbenzene	BQL	5.00	1.01	1	1/23/2010	
tert-Butylbenzene	BQL	5.00	1.12	1	1/23/2010	
Carbon disulfide	BQL	5.00	2.68	1	1/23/2010	
Carbon tetrachloride	BQL	5.00	1.02	1	1/23/2010	
Chlorobenzene	BQL	5.00	1.19	1	1/23/2010	
Chloroethane	BQL	5.00	1.59	1	1/23/2010	
Chloroform	BQL	5.00	1.20	1	1/23/2010	
Chloromethane	BQL	5.00	1.13	1	1/23/2010	
2-Chlorotoluene	BQL	5.00	1.01	1	1/23/2010	
4-Chlorotoluene	BQL	5.00	1.25	1	1/23/2010	
Dibromochloromethane	BQL	5.00	1.38	1	1/23/2010	
1,2-Dibromo-3-chloropropane	BQL	25.0	1.45	1	1/23/2010	
Dibromomethane	BQL	5.00	1.51	1	1/23/2010	
1,2-Dibromoethane (EDB)	BQL	5.00	1.13	1	1/23/2010	
1,2-Dichlorobenzene	BQL	5.00	1.29	1	1/23/2010	
1,3-Dichlorobenzene	BQL	5.00	1.28	1	1/23/2010	
1,4-Dichlorobenzene	BQL	5.00	1.05	1	1/23/2010	
trans-1,4-Dichloro-2-butene	BQL	25.0	1.38	1	1/23/2010	
1,1-Dichloroethane	BQL	5.00	1.06	1	1/23/2010	
1,1-Dichloroethene	BQL	5.00	1.48	1	1/23/2010	
1,2-Dichloroethane	BQL	5.00	1.32	1	1/23/2010	
cis-1,2-Dichloroethene	BQL	5.00	1.28	1	1/23/2010	
trans-1,2-dichloroethene	BQL	5.00	1.13	1	1/23/2010	
1,2-Dichloropropane	BQL	5.00	1.18	1	1/23/2010	
1,3-Dichloropropane	BQL	5.00	1.12	1	1/23/2010	
2,2-Dichloropropane	BQL	5.00	1.20	1	1/23/2010	
1,1-Dichloropropene	BQL	5.00	1.57	1	1/23/2010	
cis-1,3-Dichloropropene	BQL	5.00	0.833	1	1/23/2010	
trans-1,3-Dichloropropene	BQL	5.00	0.963	1	1/23/2010	
Dichlorodifluoromethane	BQL	5.00	1.32	1	1/23/2010	
Diisopropyl ether (DIPE)	BQL	5.00	1.13	1	1/23/2010	
Ethylbenzene	BQL	5.00	0.866	1	1/23/2010	
Hexachlorobutadiene	BQL	5.00	0.975	1	1/23/2010	
2-Hexanone	BQL	12.5	3.24	1	1/23/2010	
Iodomethane	BQL	5.00	1.08	1	1/23/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID VBLK9012310B
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected:
Date Received:
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	5.00	0.888	1	1/23/2010	
4-Isopropyltoluene	BQL	5.00	1.07	1	1/23/2010	
Methylene chloride	BQL	20.0	1.19	1	1/23/2010	
4-Methyl-2-pentanone	BQL	12.5	4.63	1	1/23/2010	
Methyl-tert-butyl ether (MTBE)	BQL	5.00	1.11	1	1/23/2010	
Naphthalene	BQL	5.00	0.850	1	1/23/2010	
n-Propyl benzene	BQL	5.00	1.26	1	1/23/2010	
Styrene	BQL	5.00	1.10	1	1/23/2010	
1,1,1,2-Tetrachloroethane	BQL	5.00	1.02	1	1/23/2010	
1,1,2,2-Tetrachloroethane	BQL	5.00	1.13	1	1/23/2010	
Tetrachloroethene	BQL	5.00	0.916	1	1/23/2010	
Toluene	BQL	5.00	0.997	1	1/23/2010	
1,2,3-Trichlorobenzene	BQL	5.00	1.04	1	1/23/2010	
1,2,4-Trichlorobenzene	BQL	5.00	1.03	1	1/23/2010	
Trichloroethene	BQL	5.00	0.954	1	1/23/2010	
1,1,1-Trichloroethane	BQL	5.00	1.13	1	1/23/2010	
1,1,2-Trichloroethane	BQL	5.00	1.64	1	1/23/2010	
Trichlorofluoromethane	BQL	5.00	1.03	1	1/23/2010	
1,2,3-Trichloropropane	BQL	5.00	1.24	1	1/23/2010	
1,2,4-Trimethylbenzene	BQL	5.00	1.26	1	1/23/2010	
1,3,5-Trimethylbenzene	BQL	5.00	1.14	1	1/23/2010	
Vinyl chloride	BQL	5.00	1.36	1	1/23/2010	
m-,p-Xylene	BQL	10.0	1.92	1	1/23/2010	
o-Xylene	BQL	5.00	0.969	1	1/23/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	51.5	103
Toluene-d8	50	51.8	104
4-Bromofluorobenzene	50	45.6	91

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental

Dilution: 1

Lab Code: NC00919

Matrix: Soil

LCS: LCS9012310A ilename: 0123903.D Date Analyzed: 01/23/10 12:06

LCSD: LCS9012310B ilename: 0123904.D Date Analyzed: 01/23/10 12:32

COMPOUND	LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	75.0	77.4	103	75.0	85.4	114	9.89	30	16.7-286
acrolein	300	253	84.2	300	247	82.5	2.13	30	16.7-226
acrylonitrile	300	284	94.5	300	278	92.6	2.10	30	13.3-201
benzene	30.0	30.7	102	30.0	32.0	107	4.78	30	68.6-132
bromobenzene	30.0	30.0	100	30.0	30.4	101	1.09	30	56.7-146
bromochloromethane	30.0	31.6	105	30.0	32.0	107	1.51	30	52.5-154
bromodichloromethane	30.0	31.7	106	30.0	32.8	109	3.35	30	65.4-137
bromoform	30.0	29.1	97.0	30.0	28.9	96.3	0.655	30	48.3-147
bromomethane	30.0	29.0	96.6	30.0	28.9	96.3	0.276	30	16.7-246
2-butanone	75.0	79.7	106	75.0	86.3	115	7.97	30	16.7-314
n-butylbenzene	30.0	29.8	99.2	30.0	30.5	102	2.55	30	58.4-135
sec-butylbenzene	30.0	29.9	99.7	30.0	30.7	102	2.61	30	57.2-136
tert-butylbenzene	30.0	29.8	99.5	30.0	31.2	104	4.36	30	50.8-139
Carbon disulfide	30.0	30.9	103	30.0	32.4	108	4.68	30	16.7-276
carbon tetrachloride	30.0	30.7	102	30.0	31.4	105	2.16	30	61.1-141
chlorobenzene	30.0	29.7	99.0	30.0	30.1	100	1.00	30	63.0-129
chloroethane	30.0	33.1	110	30.0	33.1	110	0.0906	30	22.5-200
2-chloroethyl vinyl ether	300	290	96.8	300	292	97.4	0.638	30	16.7-275
chloroform	30.0	29.7	99.1	30.0	31.1	104	4.60	30	65.0-137
chloromethane	30.0	31.7	106	30.0	33.2	110	4.57	30	16.7-182
2-chlorotoluene	30.0	29.6	98.6	30.0	30.3	101	2.27	30	61.1-138
4-chlorotoluene	30.0	29.4	98.2	30.0	30.7	102	4.15	30	63.8-134
dibromochloromethane	30.0	29.4	97.9	30.0	29.1	96.9	1.10	30	56.0-144
1,2-dibromo-3-chloropropane	150	152	102	150	145	96.5	5.07	30	16.7-213
1,2-dibromoethane	30.0	30.0	100	30.0	29.1	97.1	2.98	30	58.8-139
dibromomethane	30.0	31.5	105	30.0	32.3	108	2.51	30	54.1-154
1,2-dichlorobenzene	30.0	30.2	101	30.0	30.8	103	1.93	30	61.5-138
1,3-dichlorobenzene	30.0	30.8	103	30.0	31.3	104	1.67	30	61.5-138
1,4-dichlorobenzene	30.0	30.2	101	30.0	30.5	102	1.02	30	61.1-138
trans-1,4-Dichloro-2-butene	150	156	104	150	157	105	1.10	30	16.7-212
dichlorodifluoromethane	30.0	32.0	107	30.0	33.5	112	4.46	30	25.4-165
1,1-dichloroethane	30.0	28.5	95.0	30.0	29.5	98.4	3.58	30	62.4-140
1,2-dichloroethane	30.0	30.8	103	30.0	31.6	105	2.31	30	55.3-152
1,1-dichloroethene	30.0	30.1	100	30.0	31.3	104	3.92	30	65.4-134
cis-1,2-dichloroethene	30.0	29.8	99.5	30.0	31.1	104	4.01	30	63.8-138
trans-1,2-dichloroethene	30.0	29.4	98.1	30.0	30.6	102	3.77	30	63.3-139
1,2-dichloropropane	30.0	31.0	103	30.0	33.3	111	7.31	30	60.0-139
1,3-dichloropropane	30.0	29.7	99.1	30.0	30.2	100	1.50	30	62.3-136
2,2-dichloropropane	30.0	29.4	97.9	30.0	30.9	103	5.21	30	62.5-140
1,1-dichloropropene	30.0	30.0	100	30.0	31.9	106	6.17	30	60.9-136
cis-1,3-dichloropropene	30.0	30.6	102	30.0	33.1	110	7.84	30	59.8-141

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

_____

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental

Dilution: 1

Lab Code: NC00919

Matrix: Soil

LCS: LCS9012310A ilename: 0123903.D Date Analyzed: 01/23/10 12:06

LCSD: LCS9012310B ilename: 0123904.D Date Analyzed: 01/23/10 12:32

COMPOUND	LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	30.0	31.2	104	30.0	32.1	107	2.72	30	7.27-173
Diisopropyl ether	30.0	28.2	94.1	30.0	29.0	96.6	2.69	30	9.01-172
ethylbenzene	30.0	28.6	95.4	30.0	31.2	104	8.66	30	16.7-187
hexachlorobutadiene	30.0	27.7	92.2	30.0	32.5	108	16.0	30	16.7-173
2-hexanone	75.0	83.4	111	75.0	88.9	118	6.37	30	16.7-304
Iodomethane	30.0	38.0	127	30.0	39.3	131	3.21	30	16.7-200
isopropylbenzene	30.0	28.7	95.7	30.0	30.0	100	4.39	30	6.43-167
4-isopropyltoluene	30.0	30.5	102	30.0	31.1	104	1.88	30	6.97-170
Methyl-tert-butyl ether	30.0	28.9	96.3	30.0	28.7	95.8	0.555	30	10.7-173
methylene chloride	30.0	30.0	99.9	30.0	30.6	102	2.14	30	8.58-169
4-methyl-2-pentanone	75.0	79.3	106	75.0	84.2	112	5.95	30	16.7-293
naphthalene	30.0	29.2	97.4	30.0	30.1	100	2.93	30	16.7-175
n-propyl benzene	30.0	30.1	100	30.0	30.8	103	2.33	30	7.25-172
styrene	30.0	29.8	99.4	30.0	30.6	102	2.58	30	10.2-168
1,1,1,2-tetrachloroethane	30.0	30.5	102	30.0	30.6	102	0.360	30	5.87-177
1,1,2,2-tetrachloroethane	30.0	31.0	103	30.0	29.1	96.9	6.26	30	10.9-168
tetrachloroethene	30.0	29.1	96.9	30.0	31.0	103	6.39	30	16.7-195
toluene	30.0	30.6	102	30.0	32.8	110	7.55	30	26.6-159
1,2,3-trichlorobenzene	30.0	28.8	96.1	30.0	29.3	97.8	1.72	30	4.64-169
1,2,4-trichlorobenzene	30.0	27.9	93.1	30.0	31.2	104	11.1	30	6.55-165
1,1,1-trichloroethane	30.0	30.1	100	30.0	31.3	104	3.85	30	8.40-173
1,1,2-trichloroethane	30.0	29.7	99.1	30.0	30.7	102	3.14	30	12.2-166
trichloroethene	30.0	30.8	103	30.0	32.4	108	4.74	30	24.0-158
trichlorofluoromethane	30.0	28.7	95.7	30.0	30.8	103	7.19	30	5.64-183
1,2,3-trichloropropane	30.0	30.6	102	30.0	29.3	97.6	4.51	30	16.7-186
1,2,4-trimethylbenzene	30.0	29.9	99.7	30.0	30.7	102	2.67	30	8.60-168
1,3,5-trimethylbenzene	30.0	28.8	95.9	30.0	29.6	98.7	2.91	30	8.09-168
Vinyl acetate	75.0	72.0	96.1	75.0	73.2	97.6	1.60	30	16.7-225
vinyl chloride	30.0	30.8	103	30.0	33.2	111	7.31	30	7.56-178
m/p-xylene	60.0	57.1	95.1	60.0	61.4	102	7.29	30	8.91-169
o-xylene	30.0	29.7	99.1	30.0	31.1	104	4.67	30	9.45-167

System Monitoring Compound Results

		LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	50	50.67	101	50	47.68	95.4	49.1-151
17060-07-0	1,2-Dichloroethane-d4	50	51.41	103	50	51.62	103	37.8-170
2037-26-5	Toluene-d8	50	51.64	103	50	52.3	105	58.8-144

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS Spike Recovery: 0 failure(s) out of 72. LCSD Spike Recovery: 0 failure(s) out of 72.

RPD: 0 out of 72 outside of limits

COMMENTS: _____

Analyst: _____

Reviewed by: _____

CHAIN OF CUSTODY RECORD
SGS North America Inc.

Locations Nationwide
- Alaska
- Maryland
- New Jersey
- New York
- North Carolina
- Ohio

www.us.sgs.com

096338

(1)
CLIENT: ARCADIS
CONTACT: AARON RICHARDSON PHONE NO:(585) 209-4393
PROJECT: AUX SITE/PWSID# : MyrtleBeach
REPORTS TO: MARK HANISH
FAX NO.:(724) 742-9189
INVOICE TO: ARCADIS 630 Plaza Dr Highlands Ranch CO, 80129 QUOTE #:
P.O. NUMBER: B0007393.0000

SGS Reference: G582-632

PAGE 1 OF 1

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE C=COMP G=GRAB	(3) Analysis Required: VOC-8260	REMARKS
	SB-PDC-21	1/20/10	1506	Soil	5	G	X	
	SB-PDC-22		1510				X	
	SB-PDC-23		1520				X	
	" " -24		1530				X	
	" " -25		1540				X	
	" " -26		1550				X	
	" " -27		1600				X	
	" " -28		1610				X	
	" " -29		1620				X	

Preservatives Used:

(5)

Collected/Relinquished By: (1)	Date	Time	Received By:
	1/20/10	1830	
Relinquished By: (2)	Date 1/22/10	Time 1240	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Shipping Carrier:
Shipping Ticket No:
Samples Received Cold? (Circle) YES NO
Temperature°C: 4.2°C
Special Deliverable Requirements:
Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT
Special Instructions:
Requested Turnaround Time: ☒ RUSH 24-Hour Date Needed ☐ STD

SGS North America, Inc.

❑ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
❑ 5500 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557

White - Retained by Lab
Pink - Retained by Client

SGS

Mark Hanish
Arcadis
600 Waterfront Dr.
Pittsburgh, PA 15222

Report Number: G582-633

Client Project: AVX

Dear Mark Hanish,

Enclosed are the results of the analytical services performed under the referenced project for the received samples and associated QC as applicable. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or services performed during this project, please call Barbara Hager at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS North America, Inc. for your analytical services. We look forward to working with you again on any additional analytical needs.

Sincerely,
SGS North America, Inc.

Barbara Hager Jan. 25, 2010

Project Manager
Barbara Hager

Date

List of Reporting Abbreviations
And Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantification Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL/CL = Reporting Limit / Control Limit

RPD = Relative Percent Difference

UJ = Target analytes with recoveries that are 10% < %R < LCL; # of MEs are allowable and compounds are not detected in the sample.

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:
1) Metals and mercury samples are digested with a hot block; see the standard operating procedure document for details.
2) Uncertainty for all reported data is less than or equal to 30 percent.

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-RW
Client Project ID: AVX
Lab Sample ID G582-633-1A
Lab Project ID: G582-633
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-20-2010 16:30
Date Received: 1/22/2010
Matrix: Soil
Sample Amount: 3.19 g
%Solids: 90.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	**18.0**	86.4	11.9	1	1/23/2010	J
Benzene	BQL	8.64	1.85	1	1/23/2010	
Bromobenzene	BQL	8.64	1.78	1	1/23/2010	
Bromochloromethane	BQL	8.64	2.97	1	1/23/2010	
Bromodichloromethane	BQL	8.64	1.71	1	1/23/2010	
Bromoform	BQL	8.64	1.73	1	1/23/2010	
Bromomethane	BQL	8.64	1.81	1	1/23/2010	
2-Butanone	BQL	43.2	9.38	1	1/23/2010	
n-Butylbenzene	BQL	8.64	1.65	1	1/23/2010	
sec-Butylbenzene	BQL	8.64	1.74	1	1/23/2010	
tert-Butylbenzene	BQL	8.64	1.93	1	1/23/2010	
Carbon disulfide	BQL	8.64	4.63	1	1/23/2010	
Carbon tetrachloride	BQL	8.64	1.76	1	1/23/2010	
Chlorobenzene	BQL	8.64	2.06	1	1/23/2010	
Chloroethane	BQL	8.64	2.75	1	1/23/2010	
Chloroform	BQL	8.64	2.07	1	1/23/2010	
Chloromethane	BQL	8.64	1.95	1	1/23/2010	
2-Chlorotoluene	BQL	8.64	1.74	1	1/23/2010	
4-Chlorotoluene	BQL	8.64	2.16	1	1/23/2010	
Dibromochloromethane	BQL	8.64	2.38	1	1/23/2010	
1,2-Dibromo-3-chloropropane	BQL	43.2	2.50	1	1/23/2010	
Dibromomethane	BQL	8.64	2.61	1	1/23/2010	
1,2-Dibromoethane (EDB)	BQL	8.64	1.95	1	1/23/2010	
1,2-Dichlorobenzene	BQL	8.64	2.23	1	1/23/2010	
1,3-Dichlorobenzene	BQL	8.64	2.21	1	1/23/2010	
1,4-Dichlorobenzene	BQL	8.64	1.81	1	1/23/2010	
trans-1,4-Dichloro-2-butene	BQL	43.2	2.38	1	1/23/2010	
1,1-Dichloroethane	BQL	8.64	1.83	1	1/23/2010	
1,1-Dichloroethene	BQL	8.64	2.56	1	1/23/2010	
1,2-Dichloroethane	BQL	8.64	2.28	1	1/23/2010	
cis-1,2-Dichloroethene	BQL	8.64	2.21	1	1/23/2010	
trans-1,2-dichloroethene	BQL	8.64	1.95	1	1/23/2010	
1,2-Dichloropropane	BQL	8.64	2.04	1	1/23/2010	
1,3-Dichloropropane	BQL	8.64	1.93	1	1/23/2010	
2,2-Dichloropropane	BQL	8.64	2.07	1	1/23/2010	
1,1-Dichloropropene	BQL	8.64	2.71	1	1/23/2010	
cis-1,3-Dichloropropene	BQL	8.64	1.44	1	1/23/2010	
trans-1,3-Dichloropropene	BQL	8.64	1.66	1	1/23/2010	
Dichlorodifluoromethane	BQL	8.64	2.28	1	1/23/2010	
Diisopropyl ether (DIPE)	BQL	8.64	1.95	1	1/23/2010	
Ethylbenzene	BQL	8.64	1.50	1	1/23/2010	
Hexachlorobutadiene	BQL	8.64	1.68	1	1/23/2010	
2-Hexanone	BQL	21.6	5.60	1	1/23/2010	
Iodomethane	BQL	8.64	1.87	1	1/23/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: SB-PDG-RW
Client Project ID: AVX
Lab Sample ID G582-633-1A
Lab Project ID: G582-633
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected: 01-20-2010 16:30
Date Received: 1/22/2010
Matrix: Soil
Sample Amount: 3.19 g
%Solids: 90.7

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	8.64	1.53	1	1/23/2010	
4-Isopropyltoluene	BQL	8.64	1.85	1	1/23/2010	
Methylene chloride	BQL	34.6	2.06	1	1/23/2010	
4-Methyl-2-pentanone	BQL	21.6	8.00	1	1/23/2010	
Methyl-tert-butyl ether (MTBE)	BQL	8.64	1.92	1	1/23/2010	
Naphthalene	BQL	8.64	1.47	1	1/23/2010	
n-Propyl benzene	BQL	8.64	2.18	1	1/23/2010	
Styrene	BQL	8.64	1.90	1	1/23/2010	
1,1,1,2-Tetrachloroethane	BQL	8.64	1.76	1	1/23/2010	
1,1,2,2-Tetrachloroethane	BQL	8.64	1.95	1	1/23/2010	
Tetrachloroethene	BQL	8.64	1.58	1	1/23/2010	
Toluene	BQL	8.64	1.72	1	1/23/2010	
1,2,3-Trichlorobenzene	BQL	8.64	1.80	1	1/23/2010	
1,2,4-Trichlorobenzene	BQL	8.64	1.78	1	1/23/2010	
Trichloroethene	BQL	8.64	1.65	1	1/23/2010	
1,1,1-Trichloroethane	BQL	8.64	1.95	1	1/23/2010	
1,1,2-Trichloroethane	BQL	8.64	2.83	1	1/23/2010	
Trichlorofluoromethane	BQL	8.64	1.78	1	1/23/2010	
1,2,3-Trichloropropane	BQL	8.64	2.14	1	1/23/2010	
1,2,4-Trimethylbenzene	BQL	8.64	2.18	1	1/23/2010	
1,3,5-Trimethylbenzene	BQL	8.64	1.97	1	1/23/2010	
Vinyl chloride	BQL	8.64	2.35	1	1/23/2010	
m-,p-Xylene	BQL	17.3	3.32	1	1/23/2010	
o-Xylene	BQL	8.64	1.67	1	1/23/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	72.6	145
Toluene-d8	50	52.1	104
4-Bromofluorobenzene	50	43.2	86

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID VBLK9012310B
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected:
Date Received:
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Acetone	BQL	50.0	6.91	1	1/23/2010	
Benzene	BQL	5.00	1.07	1	1/23/2010	
Bromobenzene	BQL	5.00	1.03	1	1/23/2010	
Bromochloromethane	BQL	5.00	1.72	1	1/23/2010	
Bromodichloromethane	BQL	5.00	0.992	1	1/23/2010	
Bromoform	BQL	5.00	1.00	1	1/23/2010	
Bromomethane	BQL	5.00	1.05	1	1/23/2010	
2-Butanone	BQL	25.0	5.43	1	1/23/2010	
n-Butylbenzene	BQL	5.00	0.955	1	1/23/2010	
sec-Butylbenzene	BQL	5.00	1.01	1	1/23/2010	
tert-Butylbenzene	BQL	5.00	1.12	1	1/23/2010	
Carbon disulfide	BQL	5.00	2.68	1	1/23/2010	
Carbon tetrachloride	BQL	5.00	1.02	1	1/23/2010	
Chlorobenzene	BQL	5.00	1.19	1	1/23/2010	
Chloroethane	BQL	5.00	1.59	1	1/23/2010	
Chloroform	BQL	5.00	1.20	1	1/23/2010	
Chloromethane	BQL	5.00	1.13	1	1/23/2010	
2-Chlorotoluene	BQL	5.00	1.01	1	1/23/2010	
4-Chlorotoluene	BQL	5.00	1.25	1	1/23/2010	
Dibromochloromethane	BQL	5.00	1.38	1	1/23/2010	
1,2-Dibromo-3-chloropropane	BQL	25.0	1.45	1	1/23/2010	
Dibromomethane	BQL	5.00	1.51	1	1/23/2010	
1,2-Dibromoethane (EDB)	BQL	5.00	1.13	1	1/23/2010	
1,2-Dichlorobenzene	BQL	5.00	1.29	1	1/23/2010	
1,3-Dichlorobenzene	BQL	5.00	1.28	1	1/23/2010	
1,4-Dichlorobenzene	BQL	5.00	1.05	1	1/23/2010	
trans-1,4-Dichloro-2-butene	BQL	25.0	1.38	1	1/23/2010	
1,1-Dichloroethane	BQL	5.00	1.06	1	1/23/2010	
1,1-Dichloroethene	BQL	5.00	1.48	1	1/23/2010	
1,2-Dichloroethane	BQL	5.00	1.32	1	1/23/2010	
cis-1,2-Dichloroethene	BQL	5.00	1.28	1	1/23/2010	
trans-1,2-dichloroethene	BQL	5.00	1.13	1	1/23/2010	
1,2-Dichloropropane	BQL	5.00	1.18	1	1/23/2010	
1,3-Dichloropropane	BQL	5.00	1.12	1	1/23/2010	
2,2-Dichloropropane	BQL	5.00	1.20	1	1/23/2010	
1,1-Dichloropropene	BQL	5.00	1.57	1	1/23/2010	
cis-1,3-Dichloropropene	BQL	5.00	0.833	1	1/23/2010	
trans-1,3-Dichloropropene	BQL	5.00	0.963	1	1/23/2010	
Dichlorodifluoromethane	BQL	5.00	1.32	1	1/23/2010	
Diisopropyl ether (DIPE)	BQL	5.00	1.13	1	1/23/2010	
Ethylbenzene	BQL	5.00	0.866	1	1/23/2010	
Hexachlorobutadiene	BQL	5.00	0.975	1	1/23/2010	
2-Hexanone	BQL	12.5	3.24	1	1/23/2010	
Iodomethane	BQL	5.00	1.08	1	1/23/2010	

Results for Volatiles
by GCMS 8260-5035

Client Sample ID: Method Blank
Client Project ID:
Lab Sample ID VBLK9012310B
Lab Project ID:
Report Basis: Dry Weight

Analyzed By: CLP
Date Collected:
Date Received:
Matrix: Soil
Sample Amount: 5 g
%Solids: 100.0

Report Name Compound	Result UG/KG	Quantitation Limit UG/KG	MDL UG/KG	Dilution Factor	Date Analyzed	Flag
Isopropylbenzene	BQL	5.00	0.888	1	1/23/2010	
4-Isopropyltoluene	BQL	5.00	1.07	1	1/23/2010	
Methylene chloride	BQL	20.0	1.19	1	1/23/2010	
4-Methyl-2-pentanone	BQL	12.5	4.63	1	1/23/2010	
Methyl-tert-butyl ether (MTBE)	BQL	5.00	1.11	1	1/23/2010	
Naphthalene	BQL	5.00	0.850	1	1/23/2010	
n-Propyl benzene	BQL	5.00	1.26	1	1/23/2010	
Styrene	BQL	5.00	1.10	1	1/23/2010	
1,1,1,2-Tetrachloroethane	BQL	5.00	1.02	1	1/23/2010	
1,1,2,2-Tetrachloroethane	BQL	5.00	1.13	1	1/23/2010	
Tetrachloroethene	BQL	5.00	0.916	1	1/23/2010	
Toluene	BQL	5.00	0.997	1	1/23/2010	
1,2,3-Trichlorobenzene	BQL	5.00	1.04	1	1/23/2010	
1,2,4-Trichlorobenzene	BQL	5.00	1.03	1	1/23/2010	
Trichloroethene	BQL	5.00	0.954	1	1/23/2010	
1,1,1-Trichloroethane	BQL	5.00	1.13	1	1/23/2010	
1,1,2-Trichloroethane	BQL	5.00	1.64	1	1/23/2010	
Trichlorofluoromethane	BQL	5.00	1.03	1	1/23/2010	
1,2,3-Trichloropropane	BQL	5.00	1.24	1	1/23/2010	
1,2,4-Trimethylbenzene	BQL	5.00	1.26	1	1/23/2010	
1,3,5-Trimethylbenzene	BQL	5.00	1.14	1	1/23/2010	
Vinyl chloride	BQL	5.00	1.36	1	1/23/2010	
m-,p-Xylene	BQL	10.0	1.92	1	1/23/2010	
o-Xylene	BQL	5.00	0.969	1	1/23/2010	

	Spike Added	Spike Result	Percent Recovered
1,2-Dichloroethane-d4	50	51.5	103
Toluene-d8	50	51.8	104
4-Bromofluorobenzene	50	45.6	91

Comments:

Flags:
BQL = Below Quantitation Limits.

Analyst: _____

Reviewed By: _____

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental
Dilution: 1
Lab Code: NC00919
Matrix: Soil
LCS: LCS9012310A ilename: 0123903.D Date Analyzed: 01/23/10 12:06
LCSD: LCS9012310B ilename: 0123904.D Date Analyzed: 01/23/10 12:32

COMPOUND	LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
acetone	75.0	77.4	103	75.0	85.4	114	9.89	30	16.7-286
acrolein	300	253	84.2	300	247	82.5	2.13	30	16.7-226
acrylonitrile	300	284	94.5	300	278	92.6	2.10	30	13.3-201
benzene	30.0	30.7	102	30.0	32.0	107	4.78	30	68.6-132
bromobenzene	30.0	30.0	100	30.0	30.4	101	1.09	30	56.7-146
bromochloromethane	30.0	31.6	105	30.0	32.0	107	1.51	30	52.5-154
bromodichloromethane	30.0	31.7	106	30.0	32.8	109	3.35	30	65.4-137
bromoform	30.0	29.1	97.0	30.0	28.9	96.3	0.655	30	48.3-147
bromomethane	30.0	29.0	96.6	30.0	28.9	96.3	0.276	30	16.7-246
2-butanone	75.0	79.7	106	75.0	86.3	115	7.97	30	16.7-314
n-butylbenzene	30.0	29.8	99.2	30.0	30.5	102	2.55	30	58.4-135
sec-butylbenzene	30.0	29.9	99.7	30.0	30.7	102	2.61	30	57.2-136
tert-butylbenzene	30.0	29.8	99.5	30.0	31.2	104	4.36	30	50.8-139
Carbon disulfide	30.0	30.9	103	30.0	32.4	108	4.68	30	16.7-276
carbon tetrachloride	30.0	30.7	102	30.0	31.4	105	2.16	30	61.1-141
chlorobenzene	30.0	29.7	99.0	30.0	30.1	100	1.00	30	63.0-129
chloroethane	30.0	33.1	110	30.0	33.1	110	0.0906	30	22.5-200
2-chloroethyl vinyl ether	300	290	96.8	300	292	97.4	0.638	30	16.7-275
chloroform	30.0	29.7	99.1	30.0	31.1	104	4.60	30	65.0-137
chloromethane	30.0	31.7	106	30.0	33.2	110	4.57	30	16.7-182
2-chlorotoluene	30.0	29.6	98.6	30.0	30.3	101	2.27	30	61.1-138
4-chlorotoluene	30.0	29.4	98.2	30.0	30.7	102	4.15	30	63.8-134
dibromochloromethane	30.0	29.4	97.9	30.0	29.1	96.9	1.10	30	56.0-144
1,2-dibromo-3-chloropropane	150	152	102	150	145	96.5	5.07	30	16.7-213
1,2-dibromoethane	30.0	30.0	100	30.0	29.1	97.1	2.98	30	58.8-139
dibromomethane	30.0	31.5	105	30.0	32.3	108	2.51	30	54.1-154
1,2-dichlorobenzene	30.0	30.2	101	30.0	30.8	103	1.93	30	61.5-138
1,3-dichlorobenzene	30.0	30.8	103	30.0	31.3	104	1.67	30	61.5-138
1,4-dichlorobenzene	30.0	30.2	101	30.0	30.5	102	1.02	30	61.1-138
trans-1,4-Dichloro-2-butene	150	156	104	150	157	105	1.10	30	16.7-212
dichlorodifluoromethane	30.0	32.0	107	30.0	33.5	112	4.46	30	25.4-165
1,1-dichloroethane	30.0	28.5	95.0	30.0	29.5	98.4	3.58	30	62.4-140
1,2-dichloroethane	30.0	30.8	103	30.0	31.6	105	2.31	30	55.3-152
1,1-dichloroethene	30.0	30.1	100	30.0	31.3	104	3.92	30	65.4-134
cis-1,2-dichloroethene	30.0	29.8	99.5	30.0	31.1	104	4.01	30	63.8-138
trans-1,2-dichloroethene	30.0	29.4	98.1	30.0	30.6	102	3.77	30	63.3-139
1,2-dichloropropane	30.0	31.0	103	30.0	33.3	111	7.31	30	60.0-139
1,3-dichloropropane	30.0	29.7	99.1	30.0	30.2	100	1.50	30	62.3-136
2,2-dichloropropane	30.0	29.4	97.9	30.0	30.9	103	5.21	30	62.5-140
1,1-dichloropropene	30.0	30.0	100	30.0	31.9	106	6.17	30	60.9-136
cis-1,3-dichloropropene	30.0	30.6	102	30.0	33.1	110	7.84	30	59.8-141

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

COMMENTS: _____

_____

LABORATORY CONTROL SAMPLE/LABORATORY CONTROL SAMPLE DUPLICATE RECOVERY

Lab Name: SGS Environmental
Dilution: 1
Lab Code: NC00919
Matrix: Soil
LCS: LCS9012310A ilename: 0123903.D Date Analyzed: 01/23/10 12:06
LCSD: LCS9012310B ilename: 0123904.D Date Analyzed: 01/23/10 12:32

COMPOUND	LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	% RPD	QC LIMITS RPD	QC LIMITS REC
trans-1,3-dichloropropene	30.0	31.2	104	30.0	32.1	107	2.72	30	7.27-173
Diisopropyl ether	30.0	28.2	94.1	30.0	29.0	96.6	2.69	30	9.01-172
ethylbenzene	30.0	28.6	95.4	30.0	31.2	104	8.66	30	16.7-187
hexachlorobutadiene	30.0	27.7	92.2	30.0	32.5	108	16.0	30	16.7-173
2-hexanone	75.0	83.4	111	75.0	88.9	118	6.37	30	16.7-304
Iodomethane	30.0	38.0	127	30.0	39.3	131	3.21	30	16.7-200
isopropylbenzene	30.0	28.7	95.7	30.0	30.0	100	4.39	30	6.43-167
4-isopropyltoluene	30.0	30.5	102	30.0	31.1	104	1.88	30	6.97-170
Methyl-tert-butyl ether	30.0	28.9	96.3	30.0	28.7	95.8	0.555	30	10.7-173
methylene chloride	30.0	30.0	99.9	30.0	30.6	102	2.14	30	8.58-169
4-methyl-2-pentanone	75.0	79.3	106	75.0	84.2	112	5.95	30	16.7-293
naphthalene	30.0	29.2	97.4	30.0	30.1	100	2.93	30	16.7-175
n-propyl benzene	30.0	30.1	100	30.0	30.8	103	2.33	30	7.25-172
styrene	30.0	29.8	99.4	30.0	30.6	102	2.58	30	10.2-168
1,1,1,2-tetrachloroethane	30.0	30.5	102	30.0	30.6	102	0.360	30	5.87-177
1,1,2,2-tetrachloroethane	30.0	31.0	103	30.0	29.1	96.9	6.26	30	10.9-168
tetrachloroethene	30.0	29.1	96.9	30.0	31.0	103	6.39	30	16.7-195
toluene	30.0	30.6	102	30.0	32.8	110	7.55	30	26.6-159
1,2,3-trichlorobenzene	30.0	28.8	96.1	30.0	29.3	97.8	1.72	30	4.64-169
1,2,4-trichlorobenzene	30.0	27.9	93.1	30.0	31.2	104	11.1	30	6.55-165
1,1,1-trichloroethane	30.0	30.1	100	30.0	31.3	104	3.85	30	8.40-173
1,1,2-trichloroethane	30.0	29.7	99.1	30.0	30.7	102	3.14	30	12.2-166
trichloroethene	30.0	30.8	103	30.0	32.4	108	4.74	30	24.0-158
trichlorofluoromethane	30.0	28.7	95.7	30.0	30.8	103	7.19	30	5.64-183
1,2,3-trichloropropane	30.0	30.6	102	30.0	29.3	97.6	4.51	30	16.7-186
1,2,4-trimethylbenzene	30.0	29.9	99.7	30.0	30.7	102	2.67	30	8.60-168
1,3,5-trimethylbenzene	30.0	28.8	95.9	30.0	29.6	98.7	2.91	30	8.09-168
Vinyl acetate	75.0	72.0	96.1	75.0	73.2	97.6	1.60	30	16.7-225
vinyl chloride	30.0	30.8	103	30.0	33.2	111	7.31	30	7.56-178
m/p-xylene	60.0	57.1	95.1	60.0	61.4	102	7.29	30	8.91-169
o-xylene	30.0	29.7	99.1	30.0	31.1	104	4.67	30	9.45-167

System Monitoring Compound Results

		LCS SPIKE (µg/kg)	LCS CONC (µg/kg)	LCS % REC #	LCSD SPIKE (µg/kg)	LCSD CONC (µg/kg)	LCSD % REC #	QC LIMITS REC
460-00-4	4-Bromofluorobenzene	50	50.67	101	50	47.68	95.4	49.1-151
17060-07-0	1,2-Dichloroethane-d4	50	51.41	103	50	51.62	103	37.8-170
2037-26-5	Toluene-d8	50	51.64	103	50	52.3	105	58.8-144

Column to be used to flag recovery and RPD values with an asterisk

* Values outside of QC limits

LCS Spike Recovery: 0 failure(s) out of 72. LCSD Spike Recovery: 0 failure(s) out of 72.

RPD: 0 out of 72 outside of limits

COMMENTS: _____

Analyst: _____ Reviewed by: _____

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096337

(1)
CLIENT: ARCADIS
CONTACT: AARON RICHARDSON PHONE NO: (585) 2024393
PROJECT: AVX SITE/PWSID#: Myrtle Beach
REPORTS TO: Mark Hanish
FAX NO.: (724) 742 9189
INVOICE TO: ARCADIS 6630 Plaza Dr Highlands Ranch CO 80129 QUOTE #:
P.O. NUMBER: B0007393 0000

SGS Reference: G582-633

PAGE _____ OF _____

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C=COMP, G=GRAB)	Preservatives Used	Analysis Required (3) VOC-8260	REMARKS
	SB-PDG-RW	1/20/10	1630	SOIL	5	G			

(5)

	Date	Time	
Collected/Relinquished By:(1)	1/20/10	1630	Received By:
Relinquished By: (2)	1/22/10	1240	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Shipping Carrier:
Shipping Ticket No:
Samples Received Cold? (Circle) YES NO
Temperature °C: 4-2°C
Special Deliverable Requirements:
Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT
Special Instructions:
Requested Turnaround Time: ☒ RUSH 24-Hour Date Needed ☐ STD

SGS North America, Inc.

❑ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
❑ 5500 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557

White - Retained by Lab
Pink - Retained by Client