

Analytical Results

1500 Caton Center Dr Suite G
Baltimore MD 21227
410-247-7600
www.mdspectral.com
VELAP ID 460040

Project: RF-72

Project Number: 05-056RF072

Project Manager: James Wolf

Advantage Environmental Consultants, LLC

8610 Baltimore Washington Blvd, Suite 217

Report Issued: 08/29/13 11:28

Jessup MD, 20794

CLIENT SAMPLE ID: PW-2907
LAB SAMPLE ID: 3082814-01
SAMPLE DATE: 08/28/13
RECEIVED DATE: 08/28/13
MATRIX Units Water

VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (Water)

Acetone	ug/L	<10.0
tert-Amyl alcohol (TAA)	ug/L	<20.0
tert-Amyl methyl ether (TAME)	ug/L	7.8
Benzene	ug/L	<5.0
Bromobenzene	ug/L	<5.0
Bromochloromethane	ug/L	<5.0
Bromodichloromethane	ug/L	<5.0
Bromoform	ug/L	<5.0
Bromomethane	ug/L	<5.0
tert-Butanol (TBA)	ug/L	<15.0
2-Butanone (MEK)	ug/L	<10.0
n-Butylbenzene	ug/L	<5.0
sec-Butylbenzene	ug/L	<5.0
tert-Butylbenzene	ug/L	<5.0
Carbon disulfide	ug/L	<5.0
Carbon tetrachloride	ug/L	<5.0
Chlorobenzene	ug/L	<5.0
Chloroethane	ug/L	<5.0
Chloroform	ug/L	<5.0
Chloromethane	ug/L	<5.0
2-Chlorotoluene	ug/L	<5.0
4-Chlorotoluene	ug/L	<5.0
Dibromochloromethane	ug/L	<5.0
1,2-Dibromo-3-chloropropane	ug/L	<5.0
1,2-Dibromoethane (EDB)	ug/L	<5.0
Dibromomethane	ug/L	<5.0
1,2-Dichlorobenzene	ug/L	<5.0
1,3-Dichlorobenzene	ug/L	<5.0
1,4-Dichlorobenzene	ug/L	<5.0
Dichlorodifluoromethane	ug/L	<5.0
1,1-Dichloroethane	ug/L	<5.0
1,2-Dichloroethane	ug/L	2.7 [2]
1,1-Dichloroethene	ug/L	<5.0
cis-1,2-Dichloroethene	ug/L	<5.0
trans-1,2-Dichloroethene	ug/L	<5.0
Dichlorofluoromethane	ug/L	<5.0

1 = The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate (CLP E-flag).

2 = Detected but below the reporting limit; therefore, result is an estimated concentration (CLP J-Flag).

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VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)

1,2-Dichloropropane	ug/L	<5.0
1,3-Dichloropropane	ug/L	<5.0
2,2-Dichloropropane	ug/L	<5.0
1,1-Dichloropropene	ug/L	<5.0
cis-1,3-Dichloropropene	ug/L	<5.0
trans-1,3-Dichloropropene	ug/L	<5.0
Diisopropyl ether (DIPE)	ug/L	5.1
Ethyl tert-butyl ether (ETBE)	ug/L	<5.0
Ethylbenzene	ug/L	<5.0
Hexachlorobutadiene	ug/L	<5.0
2-Hexanone	ug/L	<10.0
Isopropylbenzene (Cumene)	ug/L	<5.0
4-Isopropyltoluene	ug/L	<5.0
Methyl tert-butyl ether (MTBE)	ug/L	268 [1]
4-Methyl-2-pentanone	ug/L	<10.0
Methylene chloride	ug/L	<10.0
Naphthalene	ug/L	<5.0
n-Propylbenzene	ug/L	<5.0
Styrene	ug/L	<5.0
1,1,1,2-Tetrachloroethane	ug/L	<5.0
1,1,2,2-Tetrachloroethane	ug/L	<5.0
Tetrachloroethene	ug/L	<5.0
Toluene	ug/L	<5.0
1,2,3-Trichlorobenzene	ug/L	<5.0
1,2,4-Trichlorobenzene	ug/L	<5.0
1,1,1-Trichloroethane	ug/L	<5.0
1,1,2-Trichloroethane	ug/L	<5.0
Trichloroethene	ug/L	<5.0
Trichlorofluoromethane (Freon 11)	ug/L	<5.0
1,2,3-Trichloropropane	ug/L	<5.0
1,2,4-Trimethylbenzene	ug/L	<5.0
1,3,5-Trimethylbenzene	ug/L	<5.0
Vinyl chloride	ug/L	<5.0
o-Xylene	ug/L	<5.0
m- & p-Xylenes	ug/L	<5.0
1,2-Dichloroethane-d4	[surr]	105%

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VOLATILE ORGANICS BY EPA METHOD 8260B (GC/MS) (continued)

Toluene-d8	[surr]	<u>101%</u>
4-Bromofluorobenzene	[surr]	<u>101%</u>

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CHAIN-OF-CUSTODY RECORD

Analysis Requested

Company Name: **AEC**

Project Manager: **J. Wolf**

Project Name: **RF-72**

Project ID: **05-056RF096**

Sampler(s): **J. Wolf**

P.O. Number: **05-056RF096**

Field Sample ID: **PW-2907**

Date: **6-28-13**

Time: **16:15**

Water: **PW**

Soil:

Other:

No. of Containers: **3**

Preservative: **1+1 HCL**

Field pH, Residual Chlorine, QC Request, Trip Blank, Field Blank

MSS Lab ID: **3082814-01**

Matrix Codes: **NW (nonpotable water)**

Maryland Spectral Services, Inc.
1500 Caton Center Drive, Suite G
Baltimore, MD 21227
410-247-7600 • Fax 410-247-7602
labman@mdspectral.com

Relinquished by: (Signature)

Date/Time: **6-28-13 17:41**

Relinquished by: (Signature)

Date/Time: **6-28-13**

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Date/Time: **6-28-13**

Delivery Method:
 Courier
 Client
 UPS
 FedEx
 USPS
 Other: _____

Special Instructions/QC Requirements & Comments:
Results to J. Wolf

Turn Around Time:
 Normal (7 day)
 5 day
 4 day
 3 day
 Rush (2 day)
 Next Day
 Other: _____
 Specific Due Date: **8/30**
E.O.B.

Lab Use:
 Temp: **3.8** °C
 Received on Ice
 Received same day
 Preservation Appropriate

Sample Disposal:
 Return to Client
 Disposal by lab
 Archive for _____ days

Relinquished by: (Signature)

Date/Time

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Date/Time

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Date/Time

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