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NMED
Hazardous Waste Bureau

December 30, 2015

VIA FEDEX

John Kieling
Chief, Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, New Mexico 87505-6313

RE: PNM Person Generating Station Permit No. NMT 360010342 – 2015 Semi-Annual Report

Dear Mr. Kieling:

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Maureen Gannon
Executive Director, Environmental Services Department

Pursuant to requirements contained in the Person Generating Station Post-Closure Care Permit (NMT360010342), Public Service Company of New Mexico hereby submits one hard copy and one CD containing an electronic copy of the semi-annual report for the reporting period of July 1, 2015, through December 31, 2015.

If you have any questions, please contact me at (505) 241-2014.

Sincerely,

John Hale, P.E.
Project Manager

Enclosures

cc: Brian Salem, NMED-HWB, 121 Tijeras Ave. NE, Albuquerque, NM 87102-3400

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John Hale, P.E.
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cc: Brian Salem, NMED-HWB, 121 Tijeras Ave. NE, Albuquerque, NM 87102-3400

INTRODUCTION

This report is intended to fulfill the reporting requirements of Section 2.3.10 and 2.3.11 of the Hazardous Waste Facility Post-Closure Care Permit, EPA ID No. NMT360010342, for the Public Service Company of New Mexico (PNM) Person Generating Station. Information and data for the reporting period of July 1, 2015, through December 31, 2015, are provided in the following sections.

The New Mexico Environment Department Hazardous Waste Bureau (NMED) issued a new post-closure care permit, which became effective on October 6, 2012. The conditions of the new permit are substantially different than the previous permit and include a reduced list of wells that are required to be monitored, an increase in the number of required analyses for certain wells, and new inspection requirements for the Groundwater Treatment System (GWTS).

For ease of comparison to the permit requirements, the specific tasks identified in section 2.3.10 of the permit are listed below along with the relevant information.

2.3.10 SEMI-ANNUAL REPORTS

1. ***Summarize all inspection, maintenance, and repair activities, and indicate whether any implemented repairs were effective and met the original specifications.***

   These activities are summarized in Appendix 1.

   The GWTS was out of service for most of November due to a back-flow valve failure. A replacement valve was ordered since none were available locally. After installation of the valve, the GWTS was restarted on December 1.

   Replacement of the valve is considered to be a routine repair item. No non-routine repairs or maintenance were performed on the GWTS during this reporting period.

2. ***Provide groundwater monitoring results.***

   Groundwater monitoring activities for this reporting period took place in October and December 2015. EPA Method Appendix 9 and EPA Method 8260 (volatiles) were used for the analyses of samples.

   Table 1 (see Appendix 3) lists the wells that were sampled during this reporting period's monitoring activities and the associated analytical results. The well locations are shown in Figure 1 (see Appendix 2).

Groundwater flow direction and gradient for the October 2015 monitoring period are shown in Figure 2 (see Appendix 2).

Section 3.3.5 of the permit indicates that if during the one-year shutdown period (began in 2012), any of the permit-specified hazardous constituents exceed the concentration limit, then the GWTS is to be operated for a minimum of three years, alternating between six months of operation and shutdown.

The first half 2013 monitoring results indicated that monitoring well PSMW-13A slightly exceeded the relevant standard for tetrachloroethene. Consequently, the GWTS was put back into routine service on June 11, 2013.

The second half 2013, the first half 2014, and the second half 2014 monitoring results indicated that PSMW-13A again slightly exceeded the permit concentration limit for tetrachloroethene. The second half 2014 monitoring results also indicated that PSMW-22 slightly exceeded the permit concentration limit for tetrachloroethene.

The first half and second half 2015 monitoring results indicated no exceedances of the permit concentration limits for any of the permit-specified hazardous constituents.

Prior to conducting the April 2014 monitoring, the GWTS was shut down on April 9, 2014, for the six-month shutdown period. The GWTS was restarted on November 4 after completion of the October 2014 monitoring activities, and then shut down on May 4 after completion of the April 2015 sampling activities. The GWTS was restarted on November 3 after completion of the October 2015 monitoring activities.

The three-year on/off period began on June 11, 2013, and will end on January 1, 2017.

3. ***Indicate whether there has been any statistically significant increase in the concentration of a hazardous constituent in groundwater in any of the wells.***

Analytical data from the October 2015 sampling activities indicated no exceedances of the permit concentration limits for any of the permit-specified hazardous constituents in any of the monitored wells.

Analytical data from the 2013 and 2014 sampling events indicated exceedances of the permit concentration limits only for tetrachloroethene in PSMW-13A and PSMW-22. The table below lists the historical analytical results. For reference, the permit concentration limit for tetrachloroethene is 0.0050 mg/L.

Sampling Event	Monitoring Well	Tetrachloroethene Concentration (mg/l)
First Half 2013	PSMW-13A	0.00655
Second Half 2013	PSMW-13A	0.00679
First Half 2014	PSMW-13A	0.0050
Second Half 2014	PSMW-13A	0.00520
---	---	---
Second Half 2014	PSMW-22	0.00570

Isopleth concentration figures of tetrachloroethene (PCE) and 1,1-dichloroethene (1,1-DCE) for the second half 2015 monitoring activities are shown in Figures 3 and 4, respectively (see Appendix 2).

In accordance with Section 3.4.5, two statistical analytical methods were performed on the groundwater monitoring data. The results are included in Appendix 4.

4. ***Indicate whether any hazardous constituent exceeded their corresponding concentration limits, and provide the mean and the upper and lower confidence limits for the mean of each hazardous constituent.***

As noted in the previous sections, there were no exceedances of the relevant permit hazardous constituent concentrations in any of the monitoring wells sampled during the October 2015 monitoring activities.

In accordance with section 3.4.5 of the permit, results of the statistical analyses performed on the data is included in Appendix 4. Plots of the upper and lower confidence limits relative to the hazardous constituent concentrations are shown for the relevant monitoring wells in Appendix 4.

5. ***Indicate whether any new hazardous constituents were identified as a result of Appendix IX sampling (see Permit Section 3.4.3) and whether they were added to the monitoring list.***

No new hazardous constituents were identified from the EPA Appendix 9 or EPA Method 8260 sampling activities during this reporting period.

6. ***Summarize any problems that either endangered or presented significant potential to endanger human health and the environment for the reporting period and what was done to mitigate such problems.***

As noted above, none of the monitoring wells sampled during this reporting period exceeded the relevant permit hazardous constituent concentration limits.

The GWTS will remain in a six-month on/six-month off schedule for the next three years. The next semi-annual sampling activity is tentatively scheduled for April 2016.

2.3.11 MONITORING REPORT CONTENTS

Data and information required under this section are contained in the well sampling data forms in Appendix 5 and in the laboratory analytical reports contained in Appendix 6.

APPENDIX 1

GWTS Inspection Logs

GWTS Monthly Inspection Log – July 2015

(Person St. NMT 360010342)

System Component	Reading/Result	Comments (If Applicable)
I-25 Vault Level	Dry	GWTS out of service
Totalizer Flow Meter Readings (gal)	----------	----------
Influent Line to Surge Tank	71470183	GWTS out of service
VEW	1017449	GWTS out of service
EW-1	2514905	GWTS out of service
EW-2	8745070	GWTS out of service
EW-3	8919825	GWTS out of service
EW-4	4324936	GWTS out of service
Effluent Line to Golf Course	N/A	
Pressure Readings (psi)	----------	----------
Influent Line	0	GWTS out of service
Effluent Line	0	GWTS out of service
Primary GAC Inlet/Outlet	0	GWTS out of service
Final GAC Inlet/Outlet	0	GWTS out of service
No. 1 Bag Filter Inlet/Outlet*	0	GWTS out of service
No. 2 Bag Filter Inlet/Outlet*	0	GWTS out of service
No. 3 Bag Filter Inlet/Outlet*	0	GWTS out of service
No. 4 Bag Filter Inlet/Outlet*	0	GWTS out of service

N/A: Not Available

* Bag filters are numbered from north to south starting with No. 1

GWTS Monthly Inspection Log – August 2015

(Person St. NMT 360010342)

System Component	Reading/Result	Comments (If Applicable)
I-25 Vault Level	Dry	GWTS out of service
Totalizer Flow Meter Readings (gal)	----------	----------
Influent Line to Surge Tank	71470183	GWTS out of service
VEW	1017449	GWTS out of service
EW-1	2514905	GWTS out of service
EW-2	8745070	GWTS out of service
EW-3	8919825	GWTS out of service
EW-4	4324936	GWTS out of service
Effluent Line to Golf Course	N/A	Meter out of service
Pressure Readings (psi)	----------	----------
Influent Line	0	GWTS out of service
Effluent Line	0	GWTS out of service
Primary GAC Inlet/Outlet	0	GWTS out of service
Final GAC Inlet/Outlet	0	GWTS out of service
No. 1 Bag Filter Inlet/Outlet*	0	GWTS out of service
No. 2 Bag Filter Inlet/Outlet*	0	GWTS out of service
No. 3 Bag Filter Inlet/Outlet*	0	GWTS out of service
No. 4 Bag Filter Inlet/Outlet*	0	GWTS out of service

N/A: Not Available

* Bag filters are numbered from north to south starting with No. 1

GWTS Monthly Inspection Log – September 2015

(Person St. NMT 360010342)

System Component	Reading/Result	Comments (If Applicable)
I-25 Vault Level	Dry	GWTS out of service
Totalizer Flow Meter Readings (gal)	----------	----------
Influent Line to Surge Tank	71470283	GWTS out of service
VEW	1017449	GWTS out of service
EW-1	2514905	GWTS out of service
EW-2	8745070	GWTS out of service
EW-3	8919825	GWTS out of service
EW-4	4324936	GWTS out of service
Effluent Line to Golf Course	N/A	Meter out of service
Pressure Readings (psi)	----------	----------
Influent Line	0	GWTS out of service
Effluent Line	0	GWTS out of service
Primary GAC Inlet/Outlet	0	GWTS out of service
Final GAC Inlet/Outlet	0	GWTS out of service
No. 1 Bag Filter Inlet/Outlet*	0	GWTS out of service
No. 2 Bag Filter Inlet/Outlet*	0	GWTS out of service
No. 3 Bag Filter Inlet/Outlet*	0	GWTS out of service
No. 4 Bag Filter Inlet/Outlet*	0	GWTS out of service

N/A: Not Available

* Bag filters are numbered from north to south starting with No. 1

GWTS Monthly Inspection Log – October 2015

(Person St. NMT 360010342)

System Component	Reading/Result	Comments (If Applicable)
I-25 Vault Level	Dry	GWTS out of service
Totalizer Flow Meter Readings (gal)	----------	----------
Influent Line to Surge Tank	71470183	GWTS out of service
VEW	1017449	GWTS out of service
EW-1	2514905	GWTS out of service
EW-2	8745070	GWTS out of service
EW-3	8919825	GWTS out of service
EW-4	4324936	GWTS out of service
Effluent Line to Golf Course	N/A	Meter out of service
Pressure Readings (psi)	----------	----------
Influent Line	0	GWTS out of service
Effluent Line	0	GWTS out of service
Primary GAC Inlet/Outlet	0	GWTS out of service
Final GAC Inlet/Outlet	0	GWTS out of service
No. 1 Bag Filter Inlet/Outlet*	0	GWTS out of service
No. 2 Bag Filter Inlet/Outlet*	0	GWTS out of service
No. 3 Bag Filter Inlet/Outlet*	0	GWTS out of service
No. 4 Bag Filter Inlet/Outlet*	0	GWTS out of service

N/A: Not Available

* Bag filters are numbered from north to south starting with No. 1

GWTS Monthly Inspection Log – November 2015

(Person St. NMT 360010342)

System Component	Reading/Result	Comments (If Applicable)
I-25 Vault Level	Dry	GWTS restarted on 11/3/15
Totalizer Flow Meter Readings (gal)	----------	----------
Influent Line to Surge Tank	71470183	GWTS restarted on 11/3/15
VEW	1017449	GWTS restarted on 11/3/15
EW-1	2514905	GWTS restarted on 11/3/15
EW-2	8745070	GWTS restarted on 11/3/15
EW-3	8919825	GWTS restarted on 11/3/15
EW-4	4324936	GWTS restarted on 11/3/15
Effluent Line to Golf Course	N/A	
Pressure Readings (psi)	----------	----------
Influent Line	0	GWTS restarted on 11/3/15
Effluent Line	0	GWTS restarted on 11/3/15
Primary GAC Inlet/Outlet	0	GWTS restarted on 11/3/15
Final GAC Inlet/Outlet	0	GWTS restarted on 11/3/15
No. 1 Bag Filter Inlet/Outlet*	0	GWTS restarted on 11/3/15
No. 2 Bag Filter Inlet/Outlet*	0	GWTS restarted on 11/3/15
No. 3 Bag Filter Inlet/Outlet*	0	GWTS restarted on 11/3/15
No. 4 Bag Filter Inlet/Outlet*	0	GWTS restarted on 11/3/15

N/A: Not Available

* Bag filters are numbered from north to south starting with No. 1

GWTS Monthly Inspection Log – December 2015

(Person St. NMT 360010342)

System Component	Reading/Result	Comments (If Applicable)
I-25 Vault Level	Dry	
Totalizer Flow Meter Readings (gal)	----------	----------
Influent Line to Surge Tank	63736716	
VEW	1006109	
EW-1	2289915	
EW-2	8714897	
EW-3	1797970	
EW-4	2874144	
Effluent Line to Golf Course	N/A	
Pressure Readings (psi)	----------	----------
Influent Line	10	
Effluent Line	80	
Primary GAC Inlet/Outlet	8/8	
Final GAC Inlet/Outlet	2/10	
No. 1 Bag Filter Inlet/Outlet*	22/22	
No. 2 Bag Filter Inlet/Outlet*	22/22	
No. 3 Bag Filter Inlet/Outlet*	22/22	
No. 4 Bag Filter Inlet/Outlet*	22/22	

N/A: Not Available

* Bag filters are numbered from north to south starting with No. 1

GWTS Semi-Annual Inspection Log – December 2015

(Person St. NMT 360010342)

System Component	Reading/Result	Comments (If Applicable)
I-25 Vault Level	No water	
Influent Surge Tank Level (percent full)	75	GWTS restarted on 11/3/15 and again on 12/2/15.
Effluent Surge Tank Level (percent full)	75	GWTS restarted on 11/3/15 and again on 12/2/15
Golf Course Pond Level	Several feet of freeboard	Ok
Golf Course Remote System Shut-Off Operational Status	Ok	GWTS restarted on 11/3/15 and again on 12/2/15
Extraction Well Flow Data	----------	----------
VEW (gal/mo) and (gpm)	N/A	GWTS restarted on 11/3/15 and again on 12/2/15.
EW-1 (gal/mo) and (gpm)	N/A	GWTS restarted on 11/3/15 and again on 12/2/15.
EW-2 (gal/mo) and (gpm)	N/A	GWTS restarted on 11/3/15 and again on 12/2/15.
EW-3 (gal/mo) and (gpm)	N/A	GWTS restarted on 11/3/15 and again on 12/2/15.
EW-4 (gal/mo) and (gpm)	N/A	GWTS restarted on 11/3/15 and again on 12/2/15.
Treated Effluent Pumped to Golf Course (gal/mo)	N/A	GWTS restarted on 11/3/15 and again on 12/2/15.
Pressure Readings (psi)	----------	----------
No. 1 Bag Filter Inlet/Outlet*	22/22	GWTS restarted on 11/3/15 and again on 12/2/15.
No. 2 Bag Filter Inlet/Outlet*	22/22	GWTS restarted on 11/3/15 and again on 12/2/15.
No. 3 Bag Filter Inlet/Outlet*	22/22	GWTS restarted on 11/3/15 and again on 12/2/15.
No. 4 Bag Filter Inlet/Outlet*	22/22	GWTS restarted on 11/3/15 and again on 12/2/15.
Transfer Pumps Operating Frequency (Hz) Influent/Effluent	Ok	GWTS restarted on 11/3/15 and again on 12/2/15.
Transfer Pump Condition	Ok	GWTS restarted on 11/3/15 and again on 12/2/15.

* Bag filters are numbered from north to south starting with No. 1

N/A: Since the GWTS was restarted on 12/2, there are no flow rate data to report for this inspection log.

APPENDIX 2

Figures

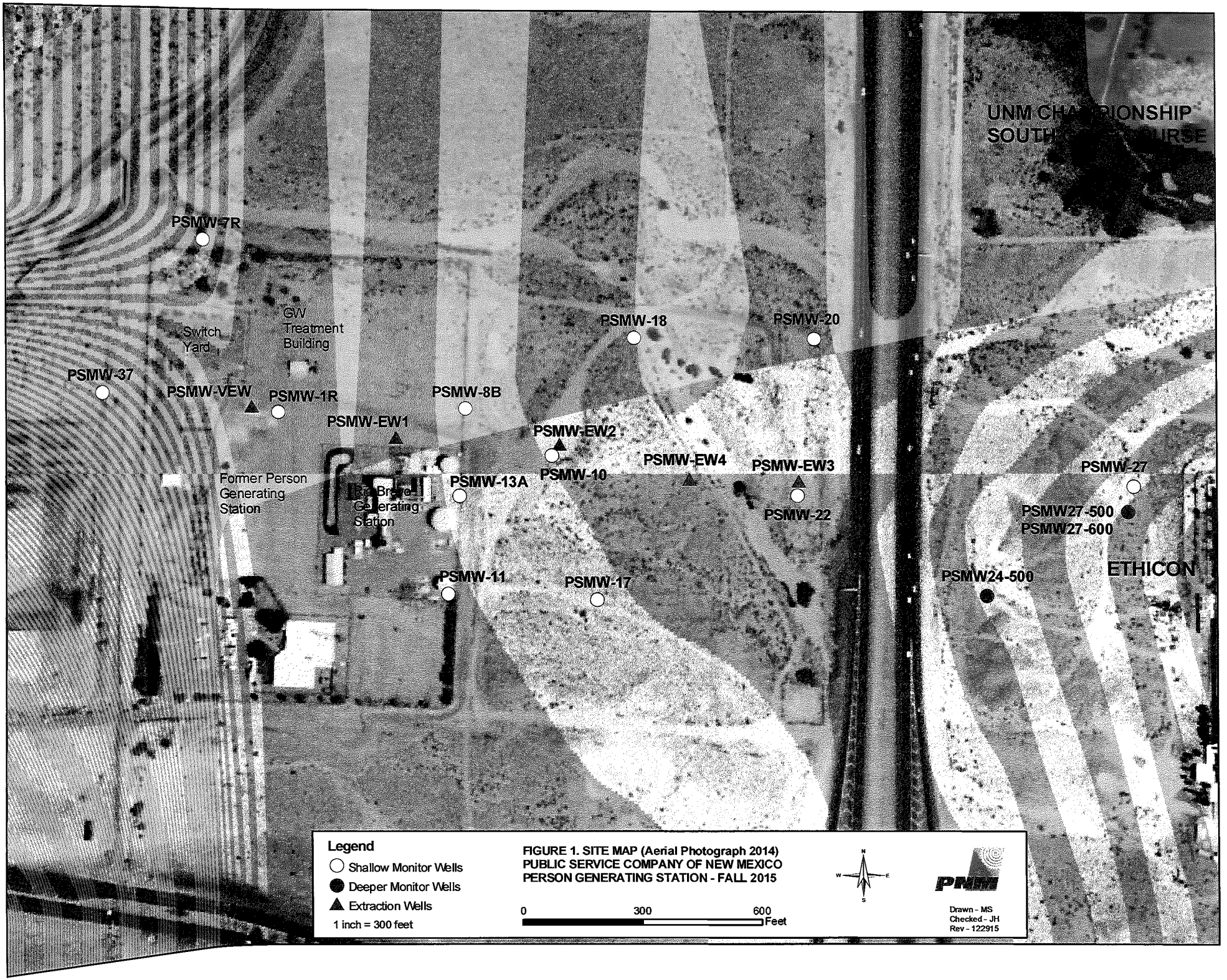


FIGURE 1. SITE MAP (Aerial Photograph 2014)
PUBLIC SERVICE COMPANY OF NEW MEXICO
PERSON GENERATING STATION - FALL 2015

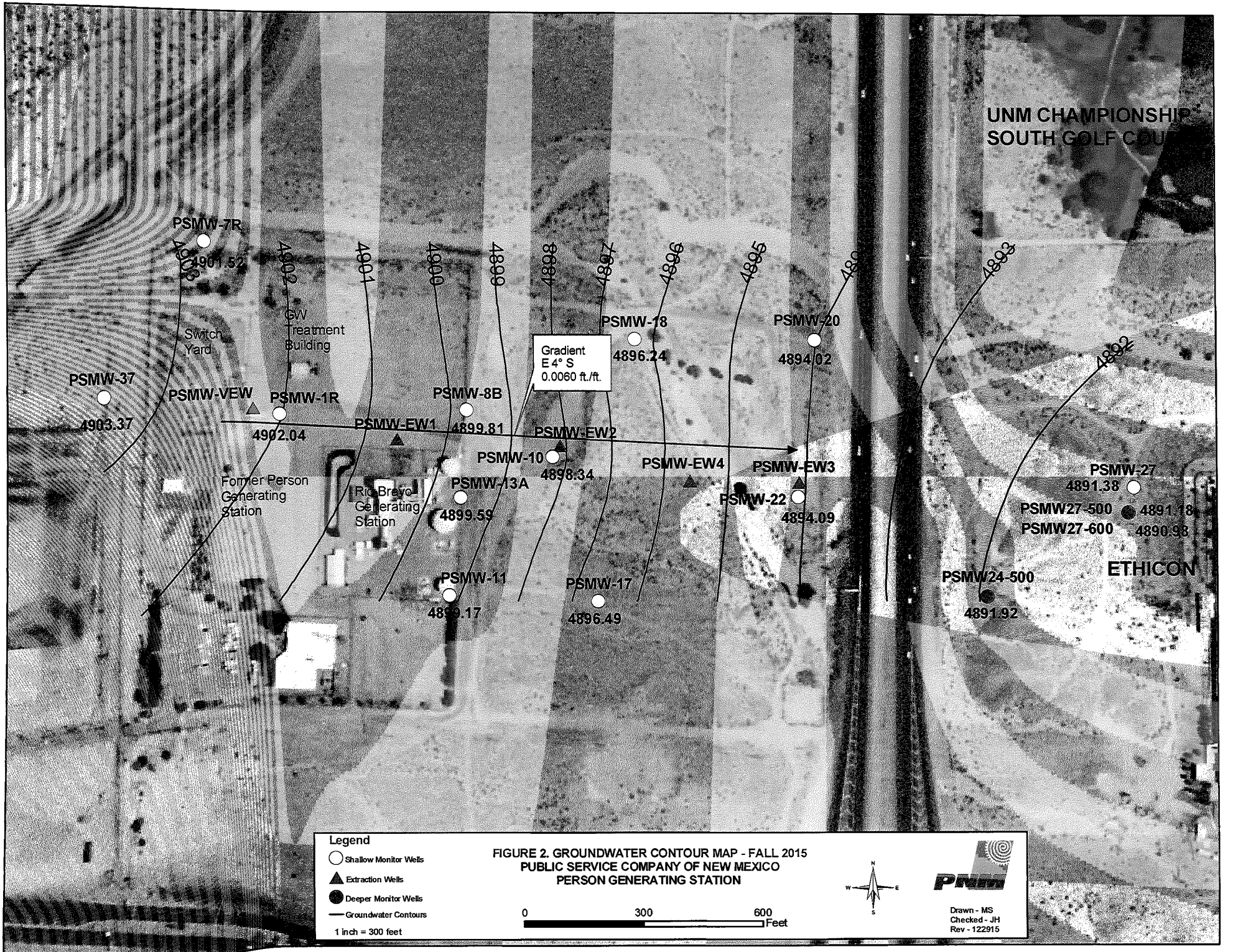


FIGURE 2. GROUNDWATER CONTOUR MAP - FALL 2015
PUBLIC SERVICE COMPANY OF NEW MEXICO
PERSON GENERATING STATION

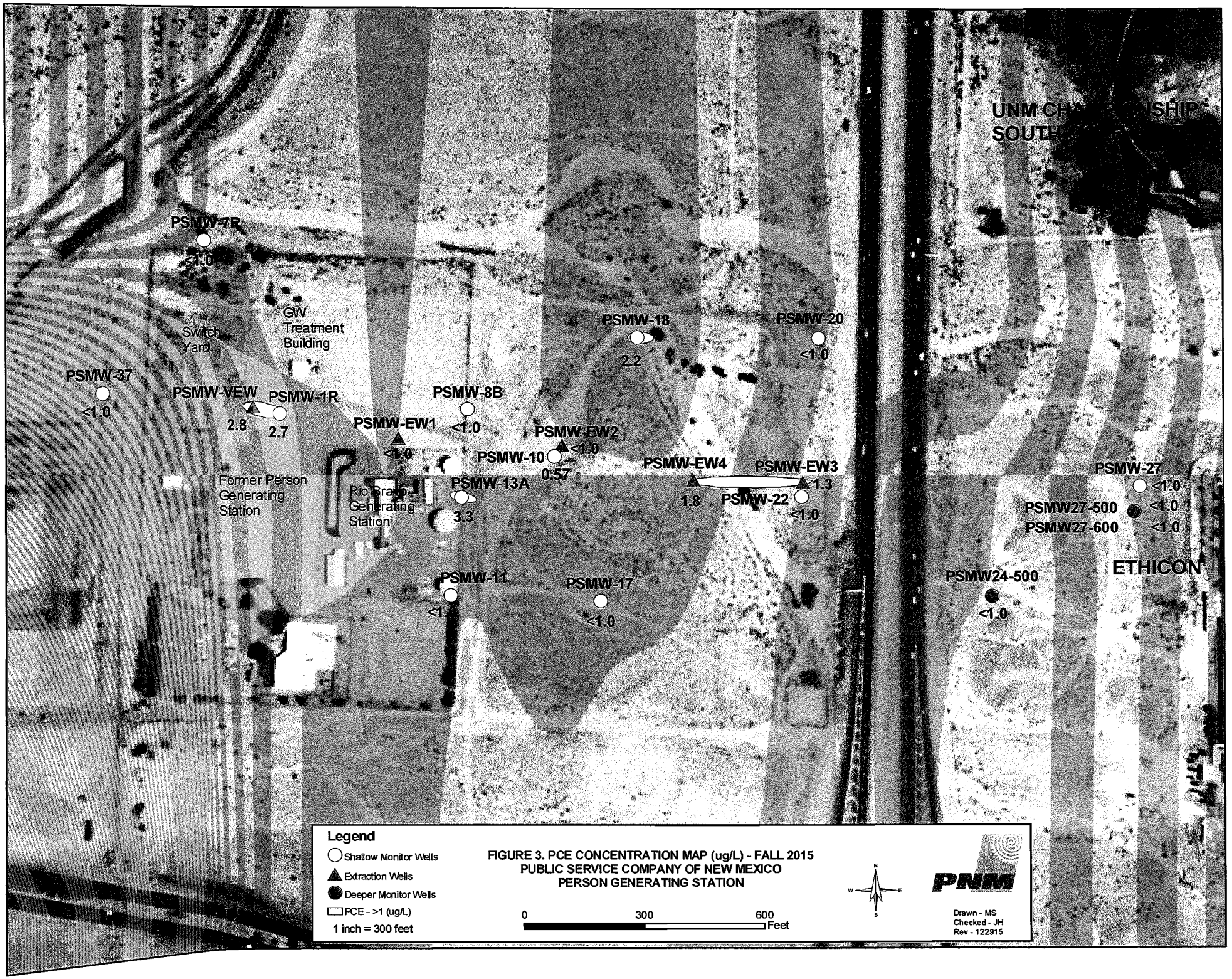


FIGURE 3. PCE CONCENTRATION MAP (ug/L) - FALL 2015
PUBLIC SERVICE COMPANY OF NEW MEXICO
PERSON GENERATING STATION

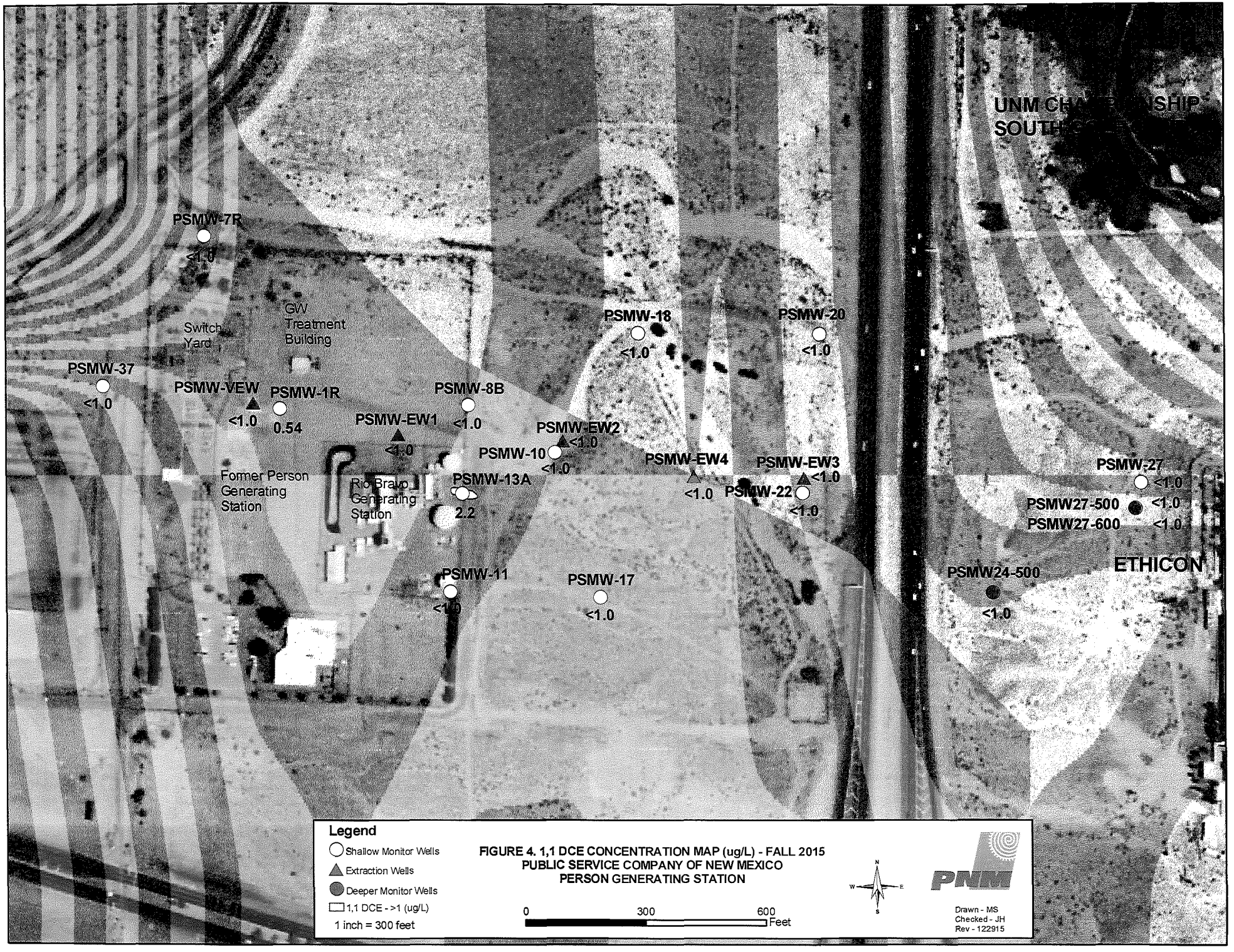


FIGURE 4. 1,1 DCE CONCENTRATION MAP (ug/L) - FALL 2015
PUBLIC SERVICE COMPANY OF NEW MEXICO
PERSON GENERATING STATION

APPENDIX 3

Laboratory Analytical Results

Table 1
Laboratory Analytical Results – Second Half 2015

Well ID	Constituent	Sampling Date	Analysis Result	Units	EPA Method	Exceedance of Relevant Standard
PSMW-01R	Barium	10/27/15	0.013	mg/L	App. 9-Metals	No
	Chromium		0.093			
	Copper		0.0046			
	Selenium		0.031			
	1,1-Dichloroethene		0.54	ug/L	App. 9-Volatiles	
	Tetrachloroethene		2.72			
PSMW-07R	Barium	10/26/15	0.060	mg/L	App. 9-Metals	No
	Arsenic		0.0047			
	Selenium		0.0036			
PSMW-8B*	Barium	10/27/15	0.027	mg/L	App. 9-Metals	No
	Arsenic		0.0021			
	Copper		0.0019			
	Selenium		0.0019			
PSMW-10	Barium	10/27/15	0.028	mg/L	App. 9-Metals	No
	Chromium		0.056			
	Copper		0.0021			
	Lead		0.00058			
	Selenium		0.0053			
					App. 9-Volatiles	
	Tetrachloroethene		0.57			
PSMW-11	----------	10/23/15	ND	ug/L	8260	No
PSMW-13A	Barium	10/26/15	0.032	mg/L	App. 9-Metals	No
	Selenium		0.017			
	1,1-Dichloroethene		2.17	ug/L		
	Chloroform		1.17			
	Tetrachloroethene		**3.26**		App. 9-Volatiles	
	Cyanide		0.0209	mg/L	App. 9	
PSMW-17	----------	10/27/15	ND	ug/L	8260	No
PSMW-18	Tetrachloroethene	10/23/15	2.2	ug/L	8260	No
PSMW-20	----------	10/23/15	ND	ug/L	8260	No
PSMW-22	----------	10/28/15	ND	ug/L	8260	No
PSMW-27	----------	10/27/15	ND	ug/L	8260	No
PSMW-37	----------	10/26/15	ND	ug/L	8260	No
PSMW24-500	Chloroform	10/27/15	1.1	ug/L	8260	No
PSMW27-500	----------	10/27/15	ND	ug/L	8260	No
PSMW27-600	----------	10/27/15	ND	ug/L	8260	No
PSMW-VEW	Tetrachloroethene	12/4/15	2.8	ug/L	8260	No
PSMW-EW1	N/A	N/A	N/A	N/A	N/A	N/A
PSMW-EW2	----------	12/4/15	ND	ug/L	8260	No

Well ID	Constituent	Sampling Date	Analysis Result	Units	EPA Method	Exceedance of Relevant Standard
PSMW-EW3	Tetrachloroethene	12/4/15	1.3	ug/L	8260	No
PSMW-EW4	Tetrachloroethene	12/4/15	1.8	ug/L	8260	No

ND: non-detect

N/A: Not available

* Per a Class I permit modification, PSMW-08B replaced PSMW-08A for the fall 2013 sampling activities and all future sampling activities

Bold font denotes an exceedance of a standard

APPENDIX 4

Statistical Analyses Results

In accordance with section 3.4.5 of the permit, two statistical analyses tests were performed on the monitoring data; a Student T-test using the unpaired, two-sample methodology, and determination of the confidence interval using a 95% confidence level.

These analyses were not performed on constituents that were non-detect in the last six sampling events.

The table below lists the results of the statistically significant determination using a commonly accepted p value of < 0.05 as the determining value. The Student T-test run printouts are attached below.

Well ID	Hazardous Constituent	P Value	Statistically Significant (p < 0.05)
PSMW-01R	PCE	0.032	Yes
	DCE	0.262	No
---	---	---	---
PSMW-10	PCE	0	Yes
	DCE	0.004	Yes
---	---	---	---
PSMW-13A	PCE	0.097	No
	DCE	0.162	No
	Chloroform	0.202	No
---	---	---	---
PSMW-18	PCE	0.002	Yes
---	---	---	---
PSMW-22	PCE	0.466	No
	DCE	0.302	No
---	---	---	---
PSMW 24C-500	DCE	0.095	No
	Chloroform	0.408	No
---	---	---	---
PSMW 27C-500	Chloroform	0.193	No
---	---	---	---
PSMW-VEW	PCE	0.241	No
---	---	---	---
PSMW-EW3	PCE	0.081	No
---	---	---	---
PSMW-EW4	PCE	0.158	No
	DCE	0.059	No

As described in section 3.4.5 of the permit, the confidence interval for the mean at a 95% confidence level shall be calculated using the Group A data (from the last six sampling events).

If the lower confidence limit exceeds the concentration limit for any particular hazardous constituent, then the finding shall be considered statistically significant evidence that the concentration limit has been exceeded.

For the sample set data included in this reporting period, the lower confidence limit did not exceed the concentration limit for any constituents in any wells. Spreadsheets showing the calculation results and plots showing the concentration limits and the upper and lower confidence limits for various hazardous constituents are attached below.

PSMW-01R
(Tetrachloroethene)

Student's *t*-Test: Results

The results of an unpaired t-test performed at 15:07 on 15-DEC-2015

t= -2.50
sdev= 0.699E-03
degrees of freedom = 10

The probability of this result, assuming the null hypothesis, is 0.032

Group A: Number of items= 6
1.610E-03 1.700E-03 2.020E-03 2.600E-03 2.720E-03 3.700E-03

Mean = 2.392E-03
95% confidence interval for Mean: 1.7555E-03 thru 3.0278E-03
Standard Deviation = 7.862E-04
Hi = 3.700E-03 Low = 1.610E-03
Median = 2.310E-03
Average Absolute Deviation from Median = 6.150E-04

Group B: Number of items= 6
2.500E-03 3.100E-03 3.400E-03 3.400E-03 3.700E-03 4.300E-03

Mean = 3.400E-03
95% confidence interval for Mean: 2.7639E-03 thru 4.0361E-03
Standard Deviation = 6.000E-04
Hi = 4.300E-03 Low = 2.500E-03
Median = 3.400E-03
Average Absolute Deviation from Median = 4.000E-04

PSMW-01R
(1,1-DCE)

Student's *t*-Test: Results

The results of an unpaired t-test performed at 15:17 on 15-DEC-2015

t= -1.19
sdev= 0.136E-03
degrees of freedom = 10

The probability of this result, assuming the null hypothesis, is 0.262

Group A: Number of items= 6
5.400E-04 1.000E-03 1.000E-03 1.000E-03 1.000E-03 1.000E-03

Mean = 9.233E-04
95% confidence interval for Mean: 7.9972E-04 thru 1.0469E-03
Standard Deviation = 1.878E-04
Hi = 1.000E-03 Low = 5.400E-04
Median = 1.000E-03
Average Absolute Deviation from Median = 7.667E-05

Group B: Number of items= 6
1.000E-03 1.000E-03 1.000E-03 1.000E-03 1.000E-03 1.100E-03

Mean = 1.017E-03
95% confidence interval for Mean: 8.9306E-04 thru 1.1403E-03
Standard Deviation = 4.082E-05
Hi = 1.100E-03 Low = 1.000E-03
Median = 1.000E-03
Average Absolute Deviation from Median = 1.667E-05

PSMW-10
(Tetrachloroethene)

Student's *t*-Test: Results

The results of an unpaired t-test performed at 15:20 on 15-DEC-2015

t= -5.44
sdev= 0.773E-03
degrees of freedom = 10

The probability of this result, assuming the null hypothesis, is 0.000

Group A: Number of items= 6
5.000E-04 5.700E-04 1.000E-03 1.000E-03 1.000E-03 1.060E-03

Mean = 8.550E-04
95% confidence interval for Mean: 1.5154E-04 thru 1.5585E-03
Standard Deviation = 2.499E-04
Hi = 1.060E-03 Low = 5.000E-04
Median = 1.000E-03
Average Absolute Deviation from Median = 1.650E-04

Group B: Number of items= 6
2.400E-03 2.900E-03 2.900E-03 3.000E-03 3.100E-03 5.400E-03

Mean = 3.283E-03
95% confidence interval for Mean: 2.5799E-03 thru 3.9868E-03
Standard Deviation = 1.065E-03
Hi = 5.400E-03 Low = 2.400E-03
Median = 2.950E-03
Average Absolute Deviation from Median = 5.500E-04

PSMW-10
(61-DCE)

Student's *t*-Test: Results

The results of an unpaired t-test performed at 15:23 on 15-DEC-2015

t= -3.71
sdev= 0.324E-03
degrees of freedom = 10

The probability of this result, assuming the null hypothesis, is 0.004

Group A: Number of items= 6
5.300E-04 1.000E-03 1.000E-03 1.000E-03 1.000E-03 1.000E-03

Mean = 9.217E-04
95% confidence interval for Mean: 6.2657E-04 thru 1.2168E-03
Standard Deviation = 1.919E-04
Hi = 1.000E-03 Low = 5.300E-04
Median = 1.000E-03
Average Absolute Deviation from Median = 7.833E-05

Group B: Number of items= 6
1.000E-03 1.400E-03 1.500E-03 1.700E-03 1.900E-03 2.200E-03

Mean = 1.617E-03
95% confidence interval for Mean: 1.3216E-03 thru 1.9118E-03
Standard Deviation = 4.167E-04
Hi = 2.200E-03 Low = 1.000E-03
Median = 1.600E-03
Average Absolute Deviation from Median = 3.167E-04

psmw-13A
(Tetrachloroethene)

Student's *t*-Test: Results

The results of an unpaired t-test performed at 15:26 on 15-DEC-2015

t= 1.83
sdev= 0.109E-02
degrees of freedom = 10

The probability of this result, assuming the null hypothesis, is 0.097

Group A: Number of items= 6
3.260E-03 3.700E-03 5.000E-03 5.200E-03 6.300E-03 6.550E-03

Mean = 5.002E-03
95% confidence interval for Mean: 4.0108E-03 thru 5.9925E-03
Standard Deviation = 1.330E-03
Hi = 6.550E-03 Low = 3.260E-03
Median = 5.100E-03
Average Absolute Deviation from Median = 1.015E-03

Group B: Number of items= 6
2.700E-03 3.300E-03 3.600E-03 4.400E-03 4.400E-03 4.700E-03

Mean = 3.850E-03
95% confidence interval for Mean: 2.8592E-03 thru 4.8408E-03
Standard Deviation = 7.765E-04
Hi = 4.700E-03 Low = 2.700E-03
Median = 4.000E-03
Average Absolute Deviation from Median = 6.500E-04

PSMW 13-A
(1,1-DCE)

Student's *t*-Test: Results

The results of an unpaired t-test performed at 15:31 on 15-DEC-2015

t= 1.51
sdev= 0.118E-02
degrees of freedom = 10

The probability of this result, assuming the null hypothesis, is 0.162

Group A: Number of items= 6
2.170E-04 2.500E-03 3.400E-03 3.900E-03 4.200E-03 4.240E-03

Mean = 3.076E-03
95% confidence interval for Mean: 2.0059E-03 thru 4.1464E-03
Standard Deviation = 1.543E-03
Hi = 4.240E-03 Low = 2.170E-04
Median = 3.650E-03
Average Absolute Deviation from Median = 1.037E-03

Group B: Number of items= 6
1.300E-03 1.500E-03 1.900E-03 2.200E-03 2.400E-03 3.000E-03

Mean = 2.050E-03
95% confidence interval for Mean: 9.7977E-04 thru 3.1202E-03
Standard Deviation = 6.221E-04
Hi = 3.000E-03 Low = 1.300E-03
Median = 2.050E-03
Average Absolute Deviation from Median = 4.833E-04

PSNW 13-A
(chloroform)

Student's *t*-Test: Results

The results of an unpaired t-test performed at 15:35 on 15-DEC-2015

t= 1.37
sdev= 0.431E-03
degrees of freedom = 10

The probability of this result, assuming the null hypothesis, is 0.202

Group A: Number of items= 6
1.000E-03 1.170E-03 1.700E-03 1.700E-03 2.170E-03 2.300E-03

Mean = 1.673E-03
95% confidence interval for Mean: 1.2809E-03 thru 2.0657E-03
Standard Deviation = 5.191E-04
Hi = 2.300E-03 Low = 1.000E-03
Median = 1.700E-03
Average Absolute Deviation from Median = 3.833E-04

Group B: Number of items= 6
1.000E-03 1.200E-03 1.200E-03 1.200E-03 1.500E-03 1.900E-03

Mean = 1.333E-03
95% confidence interval for Mean: 9.4094E-04 thru 1.7257E-03
Standard Deviation = 3.204E-04
Hi = 1.900E-03 Low = 1.000E-03
Median = 1.200E-03
Average Absolute Deviation from Median = 2.000E-04

PSMW-18
(Tetrachloroethane)

Student's *t*-Test: Results

The results of an unpaired t-test performed at 15:40 on 15-DEC-2015

t= -4.29
sdev= 0.552E-03
degrees of freedom = 10

The probability of this result, assuming the null hypothesis, is 0.002

Group A: Number of items= 6
1.000E-03 1.700E-03 2.000E-03 2.000E-03 2.200E-03 2.200E-03

Mean = 1.850E-03
95% confidence interval for Mean: 1.3482E-03 thru 2.3518E-03
Standard Deviation = 4.550E-04
Hi = 2.200E-03 Low = 1.000E-03
Median = 2.000E-03
Average Absolute Deviation from Median = 2.833E-04

Group B: Number of items= 6
2.400E-03 2.800E-03 3.000E-03 3.300E-03 3.600E-03 4.200E-03

Mean = 3.217E-03
95% confidence interval for Mean: 2.7149E-03 thru 3.7185E-03
Standard Deviation = 6.338E-04
Hi = 4.200E-03 Low = 2.400E-03
Median = 3.150E-03
Average Absolute Deviation from Median = 4.833E-04

PSMW-22
(Tetrachloroethene)

Student's *t*-Test: Results

The results of an unpaired t-test performed at 15:44 on 15-DEC-2015

t= 0.757
sdev= 0.133E-02
degrees of freedom = 10

The probability of this result, assuming the null hypothesis, is 0.466

Group A: Number of items= 6
1.000E-03 1.000E-03 1.600E-03 1.800E-03 1.800E-03 5.700E-03

Mean = 2.150E-03
95% confidence interval for Mean: 9.3612E-04 thru 3.3639E-03
Standard Deviation = 1.777E-03
Hi = 5.700E-03 Low = 1.000E-03
Median = 1.700E-03
Average Absolute Deviation from Median = 9.500E-04

Group B: Number of items= 6
1.000E-03 1.000E-03 1.000E-03 1.900E-03 2.200E-03 2.300E-03

Mean = 1.567E-03
95% confidence interval for Mean: 3.5279E-04 thru 2.7805E-03
Standard Deviation = 6.346E-04
Hi = 2.300E-03 Low = 1.000E-03
Median = 1.450E-03
Average Absolute Deviation from Median = 5.667E-04

PSMW-22
(L1-DCE)

Student's *t*-Test: Results

The results of an unpaired t-test performed at 15:58 on 15-DEC-2015

t= 1.09
sdev= 0.848E-03
degrees of freedom = 10

The probability of this result, assuming the null hypothesis, is 0.302

Group A: Number of items= 6
1.000E-03 1.800E-03 1.900E-03 2.100E-03 3.100E-03 4.000E-03

Mean = 2.317E-03
95% confidence interval for Mean: 1.5450E-03 thru 3.0883E-03
Standard Deviation = 1.065E-03
Hi = 4.000E-03 Low = 1.000E-03
Median = 2.000E-03
Average Absolute Deviation from Median = 7.500E-04

Group B: Number of items= 6
1.000E-03 1.200E-03 2.000E-03 2.000E-03 2.100E-03 2.400E-03

Mean = 1.783E-03
95% confidence interval for Mean: 1.0117E-03 thru 2.5550E-03
Standard Deviation = 5.529E-04
Hi = 2.400E-03 Low = 1.000E-03
Median = 2.000E-03
Average Absolute Deviation from Median = 3.833E-04

PSMW 24C-500
(1)1-0 CE)

Student's *t*-Test: Results

The results of an unpaired t-test performed at 16:20 on 15-DEC-2015

t= -1.85
sdev= 0.485E-03
degrees of freedom = 10

The probability of this result, assuming the null hypothesis, is 0.095

Group A: Number of items= 6
1.000E-03 1.000E-03 1.000E-03 1.000E-03 1.300E-03 1.300E-03

Mean = 1.100E-03
95% confidence interval for Mean: 6.5920E-04 thru 1.5408E-03
Standard Deviation = 1.549E-04
Hi = 1.300E-03 Low = 1.000E-03
Median = 1.000E-03
Average Absolute Deviation from Median = 1.000E-04

Group B: Number of items= 6
1.000E-03 1.300E-03 1.300E-03 1.300E-03 2.000E-03 2.800E-03

Mean = 1.617E-03
95% confidence interval for Mean: 1.1759E-03 thru 2.0575E-03
Standard Deviation = 6.676E-04
Hi = 2.800E-03 Low = 1.000E-03
Median = 1.300E-03
Average Absolute Deviation from Median = 4.167E-04

PSMW24G-500
(Chloroform)

Student's *t*-Test: Results

The results of an unpaired t-test performed at 16:29 on 15-DEC-2015

t=-0.864
sdev= 0.702E-03
degrees of freedom = 10

The probability of this result, assuming the null hypothesis, is 0.408

Group A: Number of items= 6
1.100E-03 1.400E-03 1.500E-03 2.000E-03 2.600E-03 2.700E-03

Mean = 1.883E-03
95% confidence interval for Mean: 1.2452E-03 thru 2.5215E-03
Standard Deviation = 6.616E-04
Hi = 2.700E-03 Low = 1.100E-03
Median = 1.750E-03
Average Absolute Deviation from Median = 5.500E-04

Group B: Number of items= 6
1.000E-03 1.900E-03 2.200E-03 2.400E-03 2.800E-03 3.100E-03

Mean = 2.233E-03
95% confidence interval for Mean: 1.5952E-03 thru 2.8715E-03
Standard Deviation = 7.394E-04
Hi = 3.100E-03 Low = 1.000E-03
Median = 2.300E-03
Average Absolute Deviation from Median = 5.333E-04

PSMW-VEW
(Tetrachloroethene)

Student's *t*-Test: Results

The results of an unpaired t-test performed at 16:33 on 15-DEC-2015

t= 1.25
sdev= 0.509E-03
degrees of freedom = 10

The probability of this result, assuming the null hypothesis, is 0.241

Group A: Number of items= 6
1.000E-03 1.000E-03 1.000E-03 1.000E-03 1.400E-03 2.800E-03

Mean = 1.367E-03
95% confidence interval for Mean: 9.0344E-04 thru 1.8299E-03
Standard Deviation = 7.202E-04
Hi = 2.800E-03 Low = 1.000E-03
Median = 1.000E-03
Average Absolute Deviation from Median = 3.667E-04

Group B: Number of items= 6
1.000E-03 1.000E-03 1.000E-03 1.000E-03 1.000E-03 1.000E-03

Mean = 1.000E-03
95% confidence interval for Mean: 5.3677E-04 thru 1.4632E-03
Standard Deviation = 0.00
Hi = 1.000E-03 Low = 1.000E-03
Median = 1.000E-03
Average Absolute Deviation from Median = 0.00

PSMW - EW3
(Tetrachloroethene)

Student's *t*-Test: Results

The results of an unpaired t-test performed at 17:02 on 15-DEC-2015

t= -1.94
sdev= 0.268E-03
degrees of freedom = 10

The probability of this result, assuming the null hypothesis, is 0.081

Group A: Number of items= 6
1.100E-03 1.100E-03 1.300E-03 1.300E-03 1.400E-03 1.700E-03

Mean = 1.317E-03
95% confidence interval for Mean: 1.0732E-03 thru 1.5602E-03
Standard Deviation = 2.229E-04
Hi = 1.700E-03 Low = 1.100E-03
Median = 1.300E-03
Average Absolute Deviation from Median = 1.500E-04

Group B: Number of items= 6
1.200E-03 1.500E-03 1.500E-03 1.600E-03 1.800E-03 2.100E-03

Mean = 1.617E-03
95% confidence interval for Mean: 1.3732E-03 thru 1.8602E-03
Standard Deviation = 3.061E-04
Hi = 2.100E-03 Low = 1.200E-03
Median = 1.550E-03
Average Absolute Deviation from Median = 2.167E-04

PSMW-EW4
(Tetrachloroethene)

Student's *t*-Test: Results

The results of an unpaired t-test performed at 17:05 on 15-DEC-2015

t= -1.53
sdev= 0.155E-02
degrees of freedom = 10

The probability of this result, assuming the null hypothesis, is 0.158

Group A: Number of items= 6
1.000E-03 1.700E-03 1.800E-03 1.900E-03 2.200E-03 2.300E-03

Mean = 1.817E-03
95% confidence interval for Mean: 4.0523E-04 thru 3.2281E-03
Standard Deviation = 4.622E-04
Hi = 2.300E-03 Low = 1.000E-03
Median = 1.850E-03
Average Absolute Deviation from Median = 3.167E-04

Group B: Number of items= 6
1.900E-03 1.900E-03 2.400E-03 2.700E-03 2.700E-03 7.500E-03

Mean = 3.183E-03
95% confidence interval for Mean: 1.7719E-03 thru 4.5948E-03
Standard Deviation = 2.145E-03
Hi = 7.500E-03 Low = 1.900E-03
Median = 2.550E-03
Average Absolute Deviation from Median = 1.117E-03

PSMW-EW4
(61-06E)

Student's *t*-Test: Results

The results of an unpaired t-test performed at 17:07 on 15-DEC-2015

t= -2.13
sdev= 0.717E-03
degrees of freedom = 10

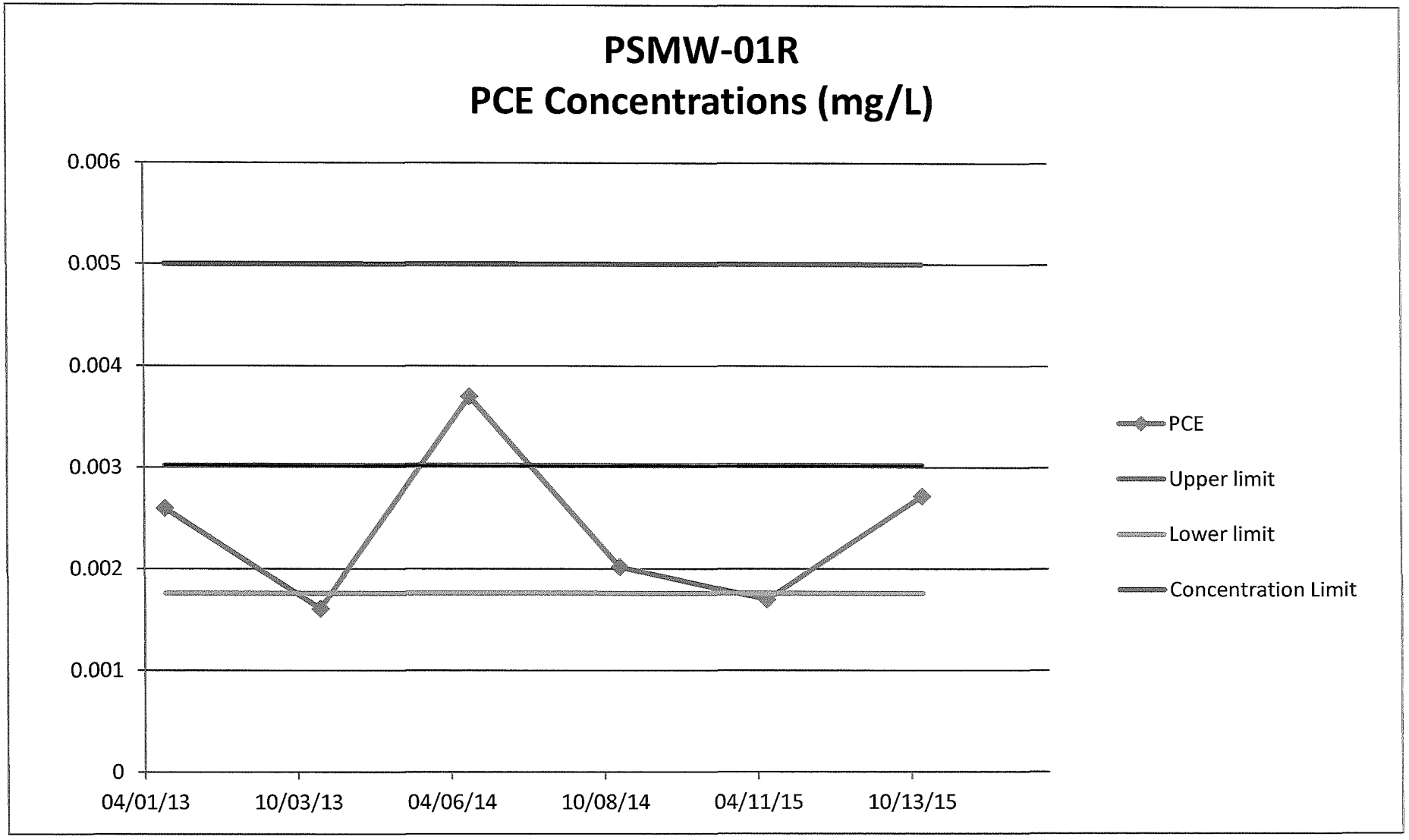
The probability of this result, assuming the null hypothesis, is 0.059

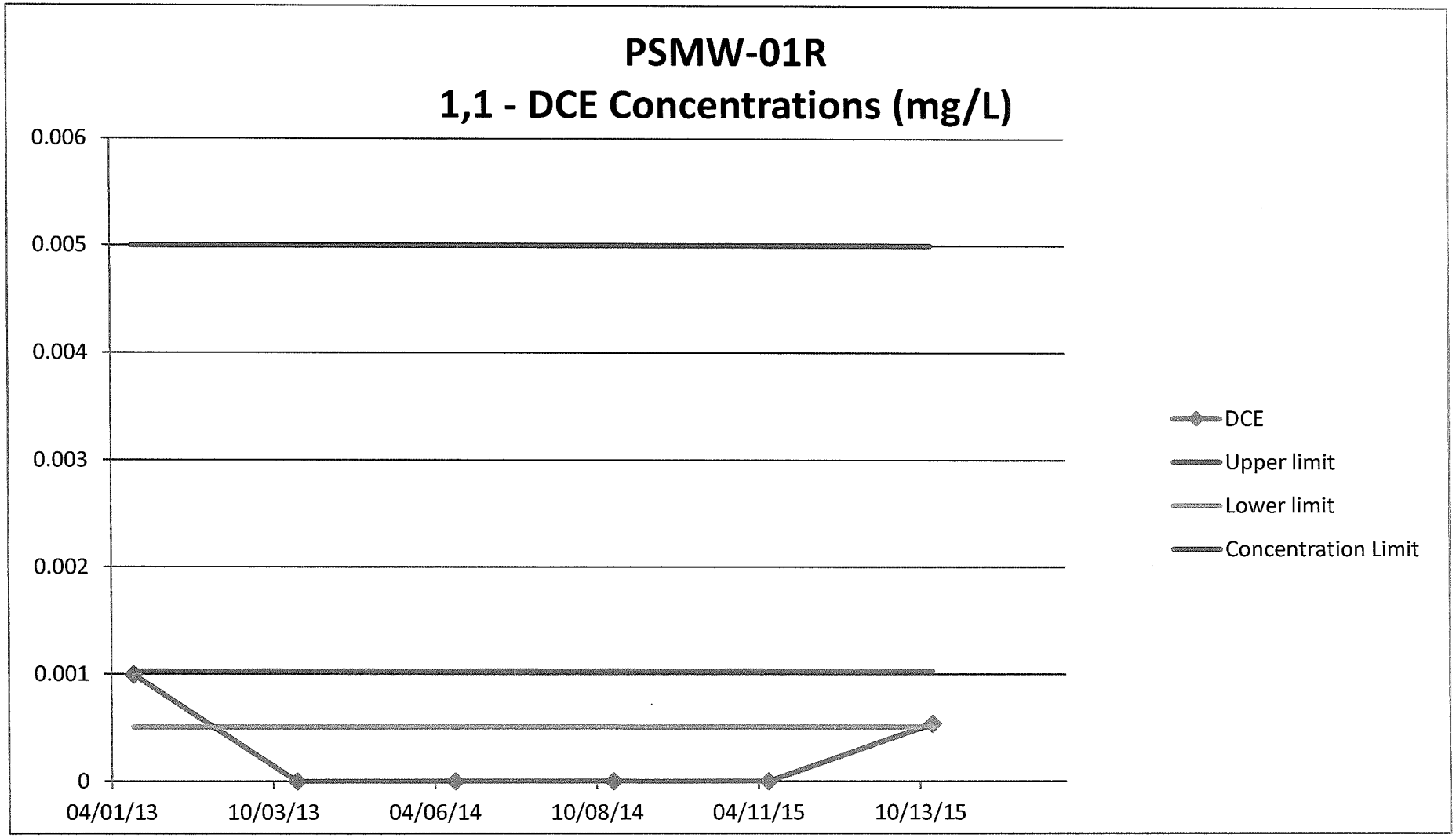
Group A: Number of items= 6
1.000E-03 1.000E-03 1.000E-03 1.100E-03 1.300E-03 1.700E-03

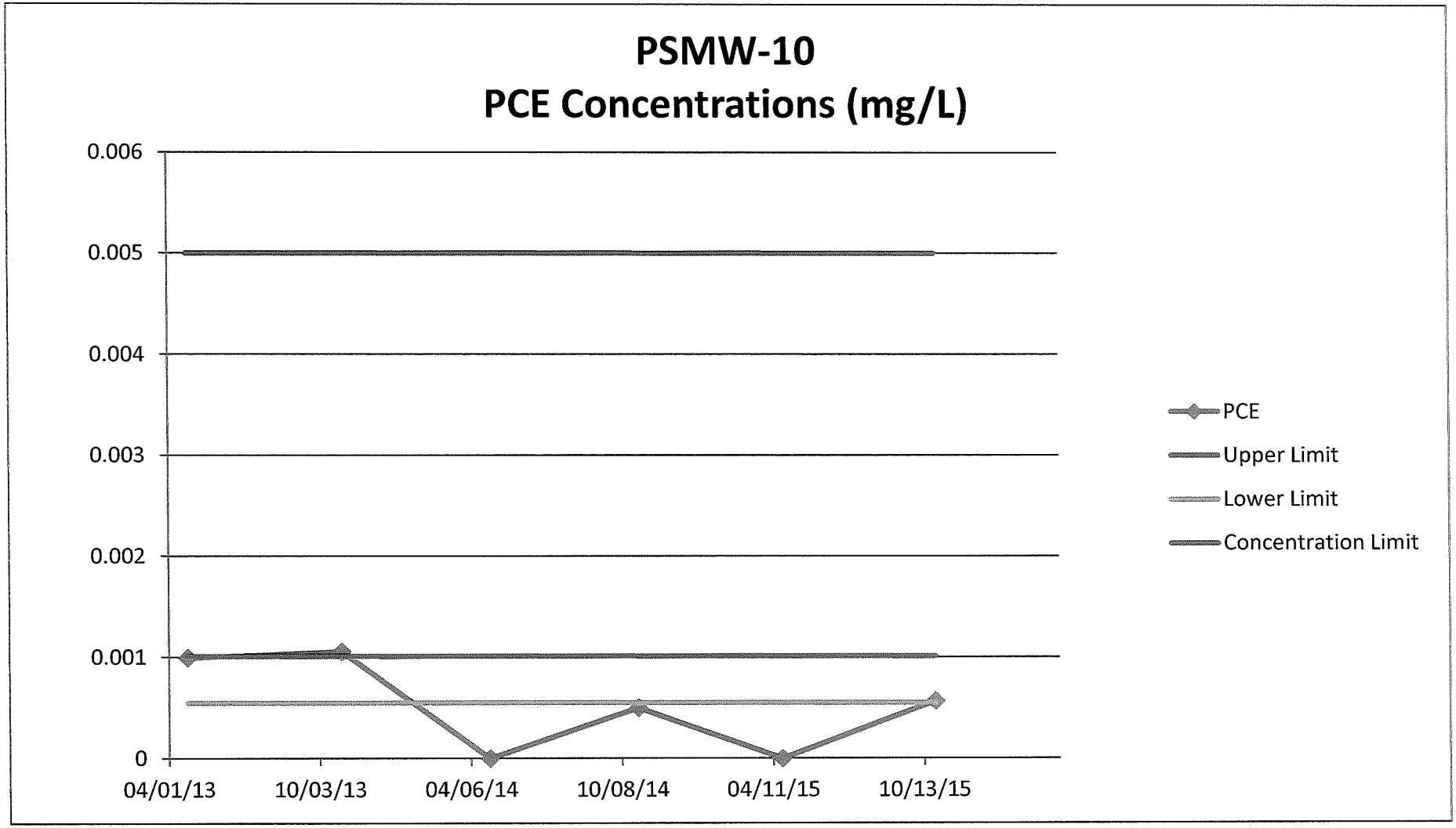
Mean = 1.183E-03
95% confidence interval for Mean: 5.3108E-04 thru 1.8356E-03
Standard Deviation = 2.787E-04
Hi = 1.700E-03 Low = 1.000E-03
Median = 1.050E-03
Average Absolute Deviation from Median = 1.833E-04

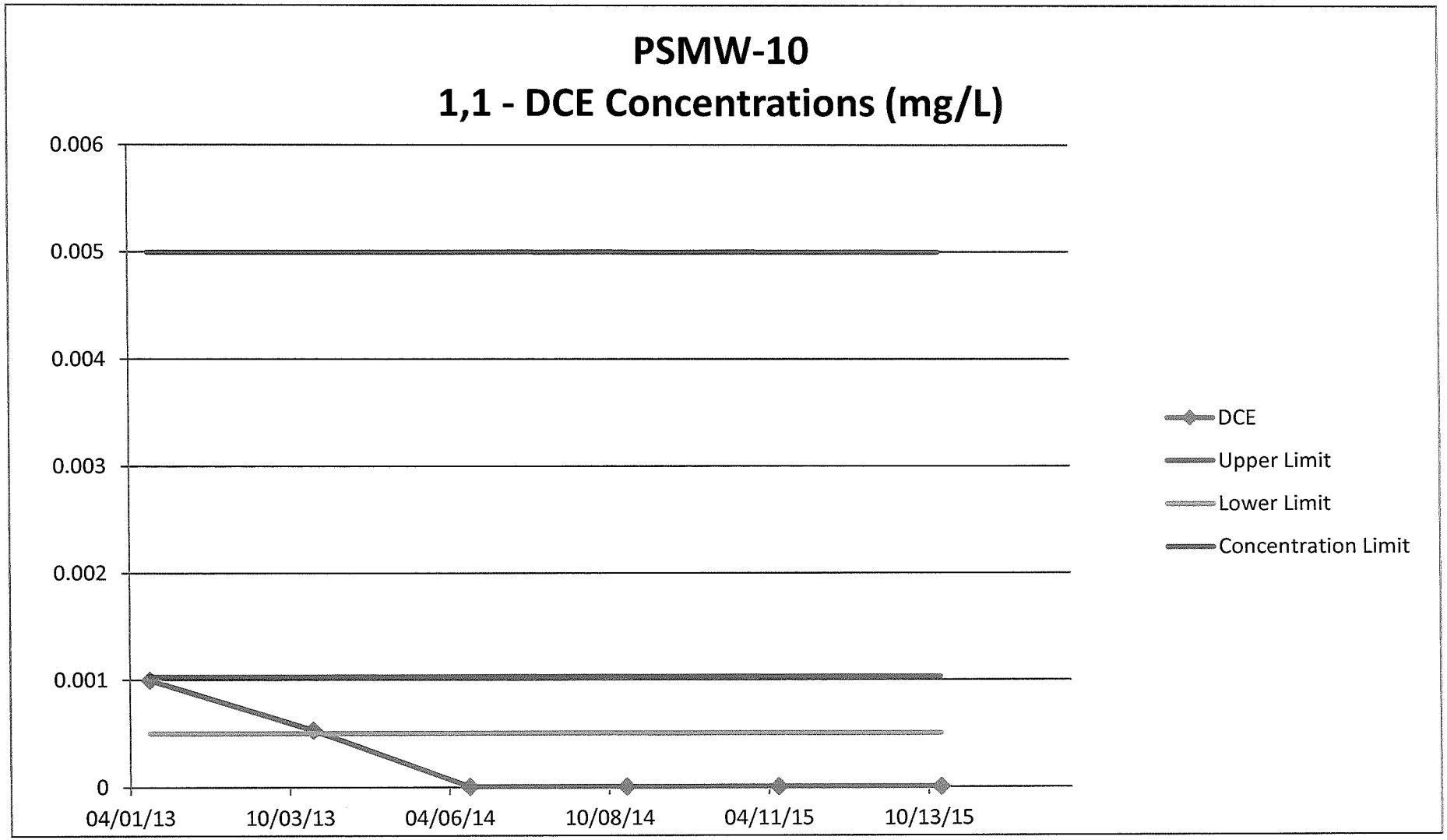
Group B: Number of items= 6
1.400E-03 1.500E-03 1.600E-03 1.900E-03 2.000E-03 4.000E-03

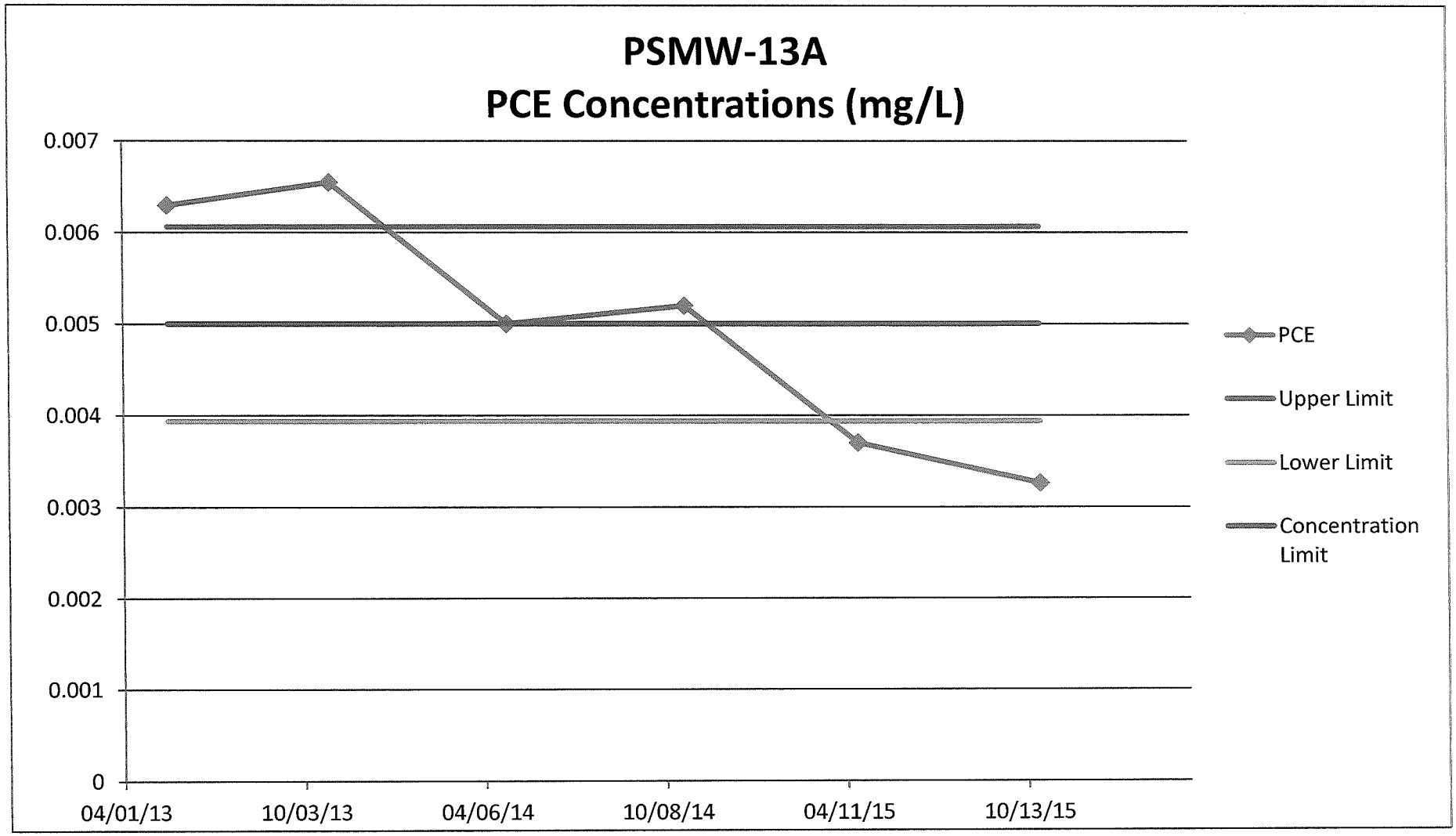
Mean = 2.067E-03
95% confidence interval for Mean: 1.4144E-03 thru 2.7189E-03
Standard Deviation = 9.750E-04
Hi = 4.000E-03 Low = 1.400E-03
Median = 1.750E-03
Average Absolute Deviation from Median = 5.667E-04

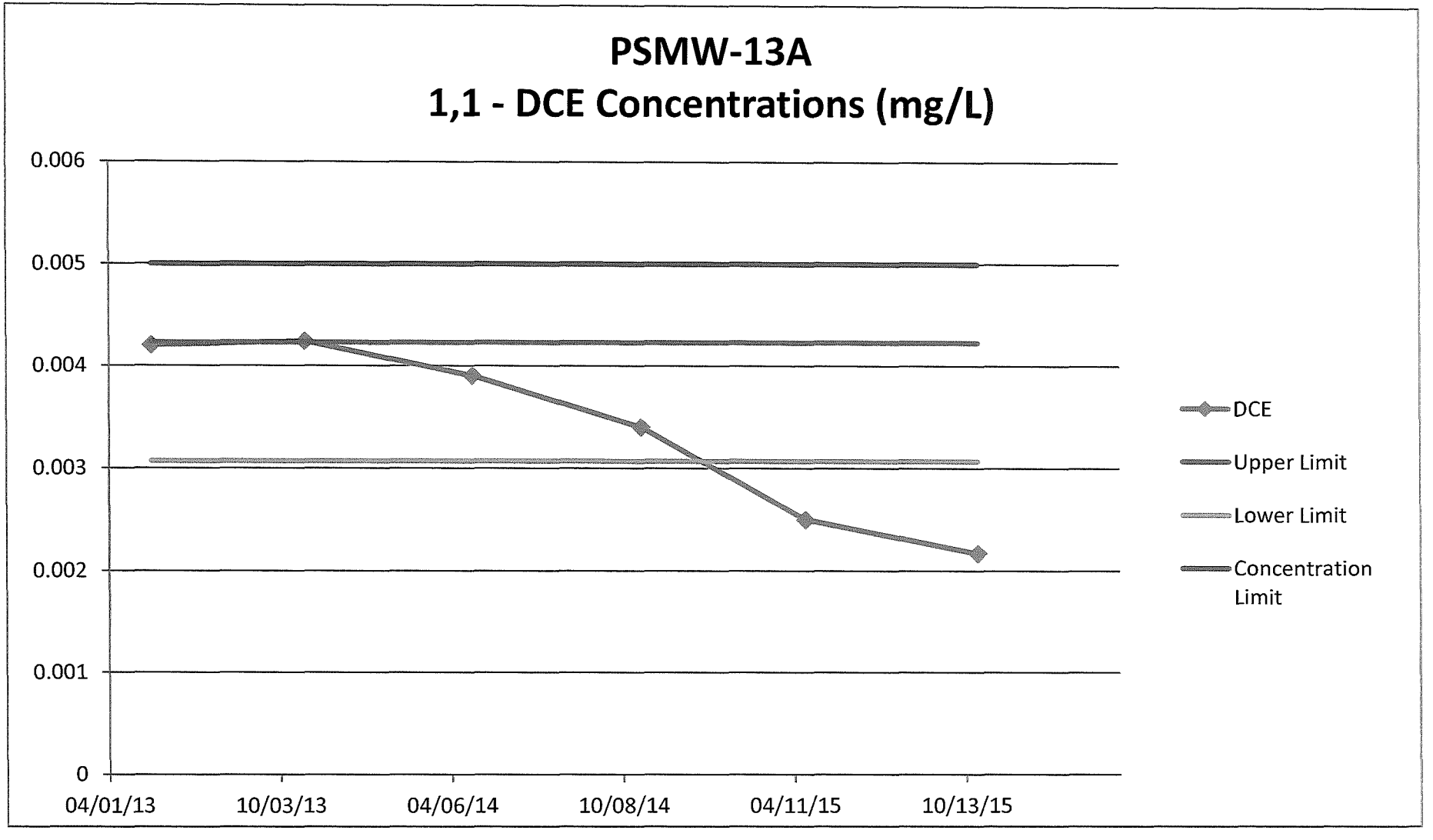

PSMW-01R
PCE Concentrations (mg/L)
0.006
0.005
0.004
0.003
0.002
0.001
0
04/01/13
10/03/13
04/06/14
10/08/14
04/11/15
10/13/15
PCE
Upper limit
Lower limit
Concentration Limit

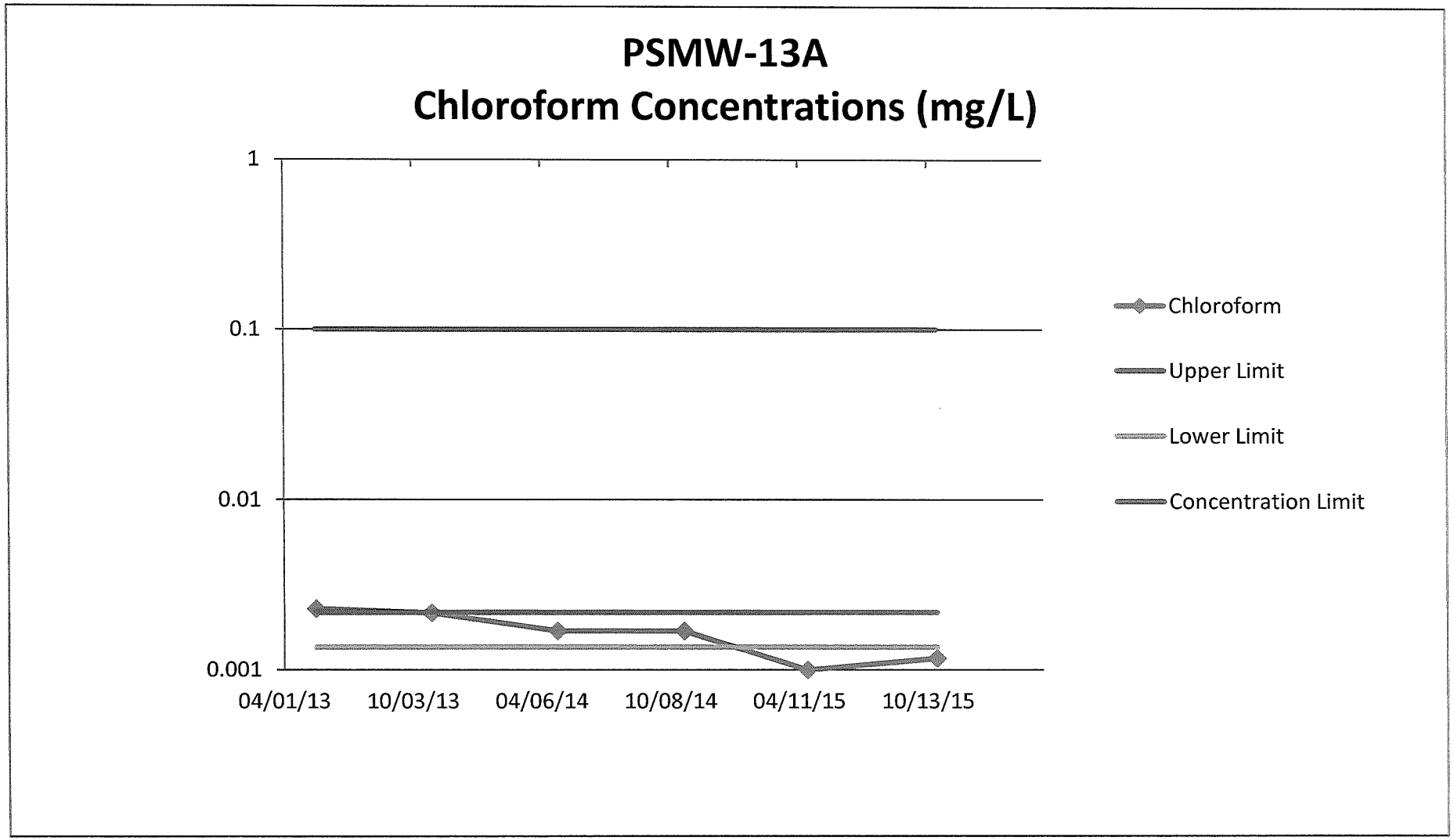

PSMW-01R
1,1 - DCE Concentrations (mg/L)
0.006
0.005
0.004
0.003
0.002
0.001
0
04/01/13
10/03/13
04/06/14
10/08/14
04/11/15
10/13/15
DCE
Upper limit
Lower limit
Concentration Limit

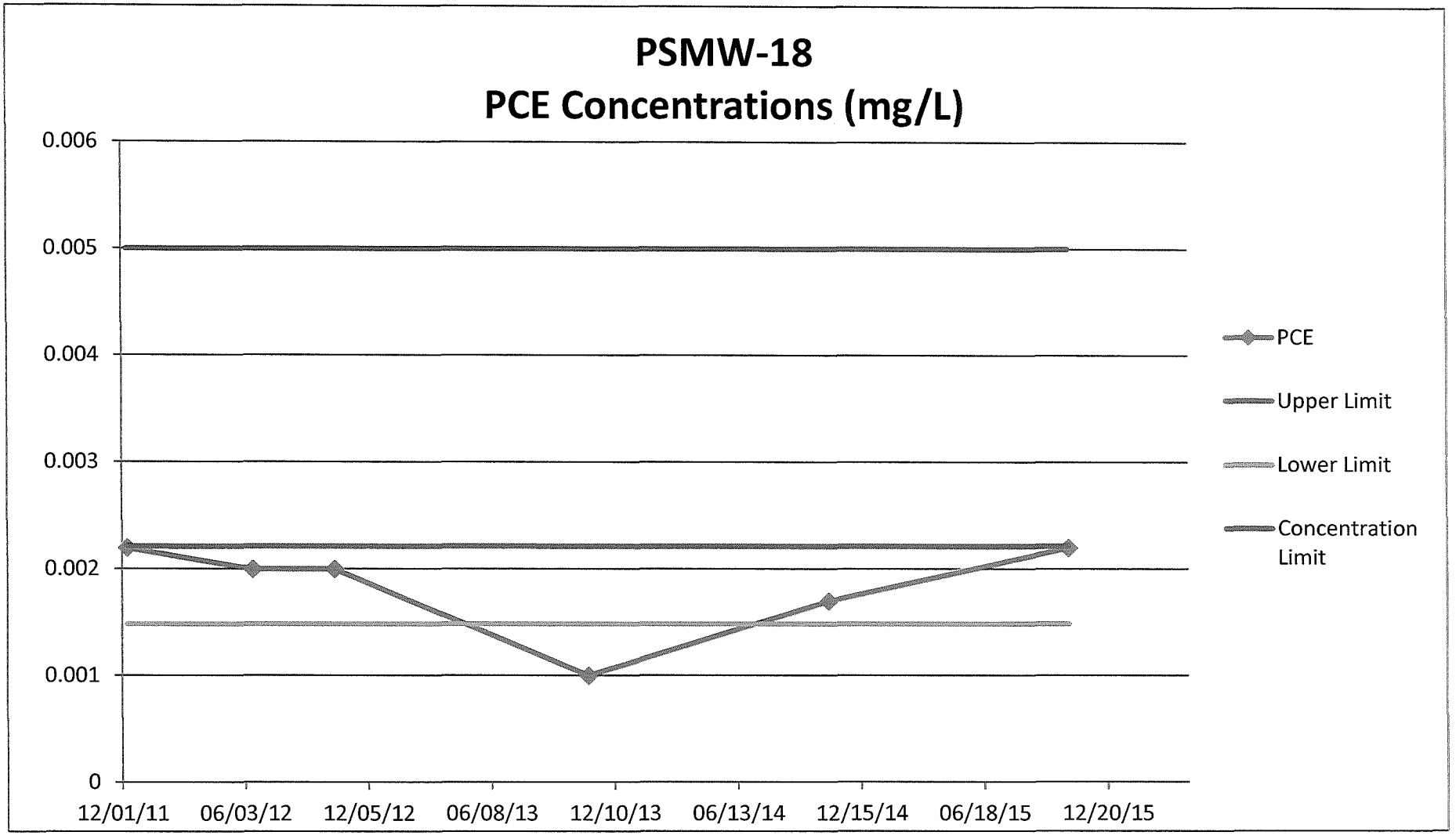

PSMW-10
PCE Concentrations (mg/L)
0.006
0.005
0.004
0.003
0.002
0.001
0
04/01/13
10/03/13
04/06/14
10/08/14
04/11/15
10/13/15
PCE
Upper Limit
Lower Limit
Concentration Limit

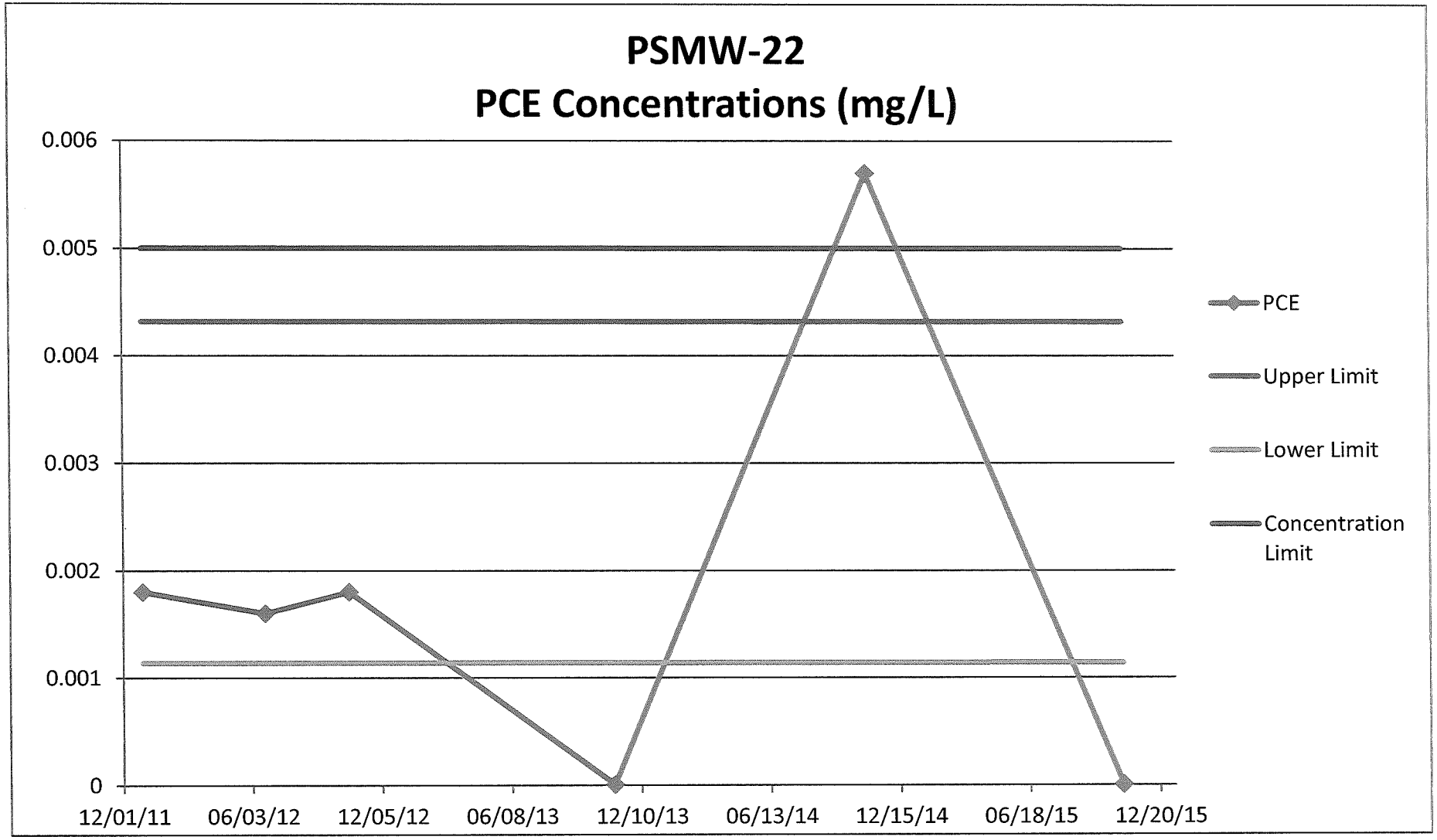

PSMW-10
1,1 - DCE Concentrations (mg/L)
0.006
0.005
0.004
0.003
0.002
0.001
0
04/01/13
10/03/13
04/06/14
10/08/14
04/11/15
10/13/15
DCE
Upper Limit
Lower Limit
Concentration Limit

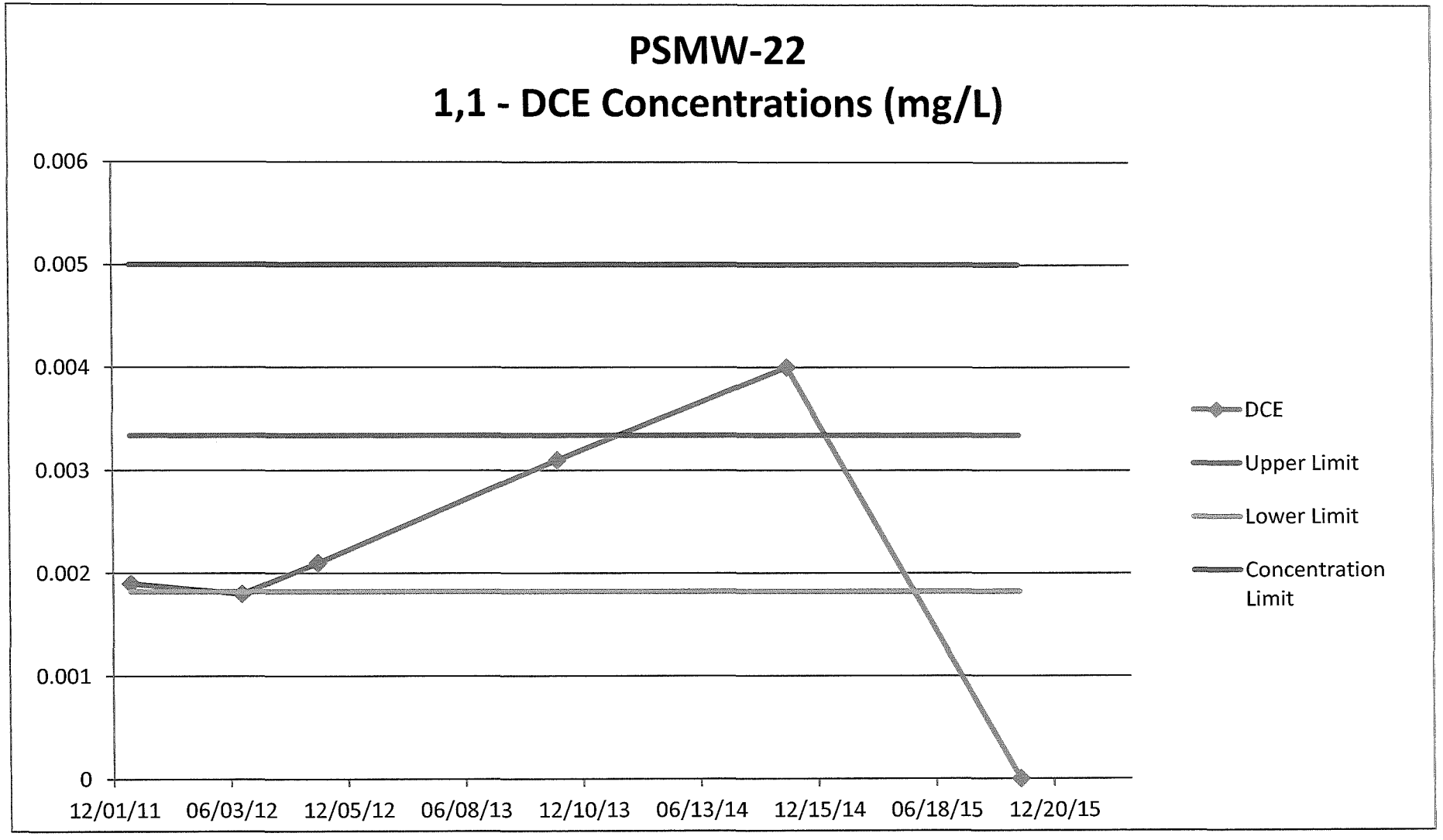

PSMW-13A
PCE Concentrations (mg/L)
0.007
0.006
0.005
0.004
0.003
0.002
0.001
0
04/01/13
10/03/13
04/06/14
10/08/14
04/11/15
10/13/15
PCE
Upper Limit
Lower Limit
Concentration Limit

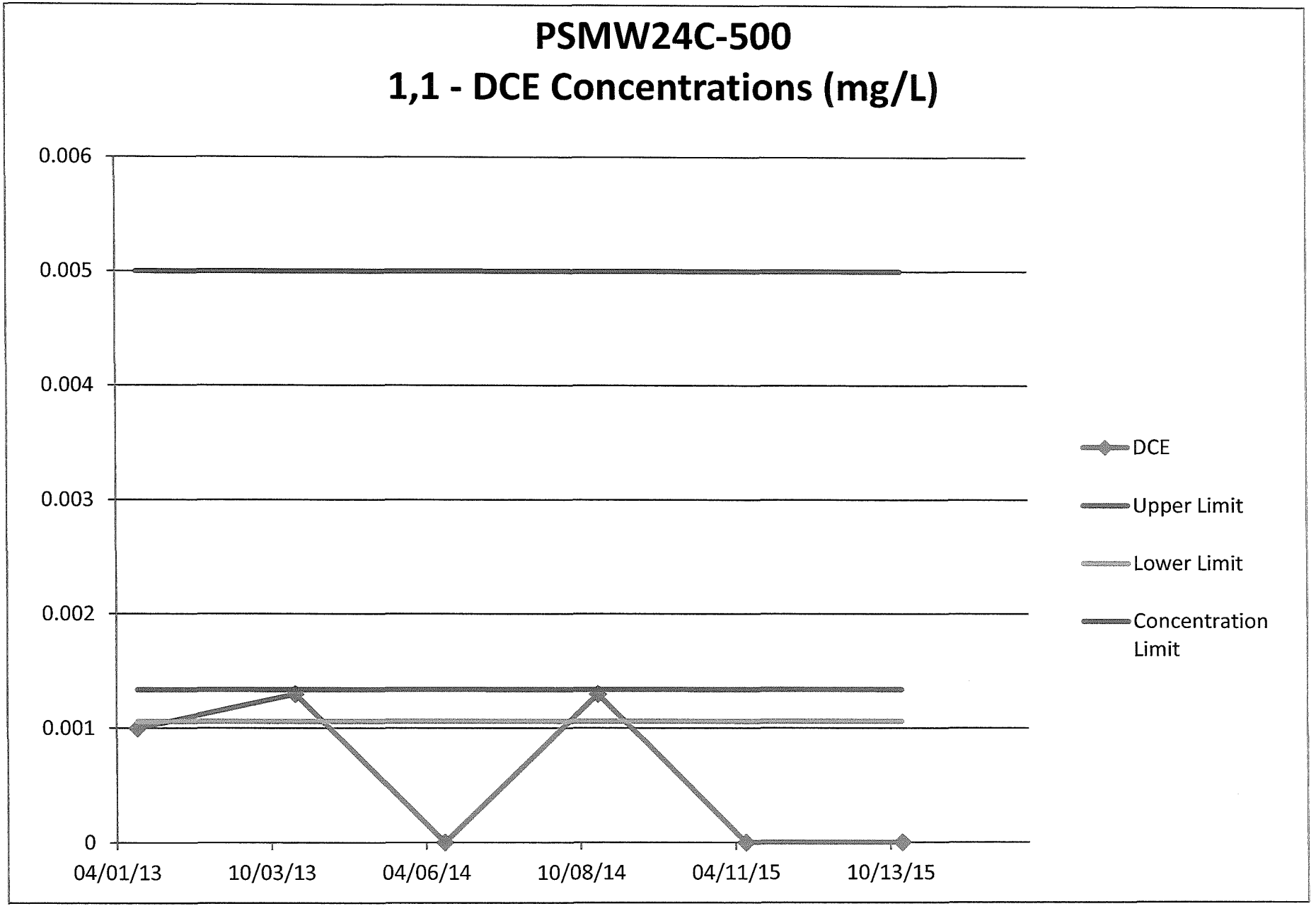

PSMW-13A
1,1 - DCE Concentrations (mg/L)
0.006
0.005
0.004
0.003
0.002
0.001
0
04/01/13
10/03/13
04/06/14
10/08/14
04/11/15
10/13/15
DCE
Upper Limit
Lower Limit
Concentration Limit

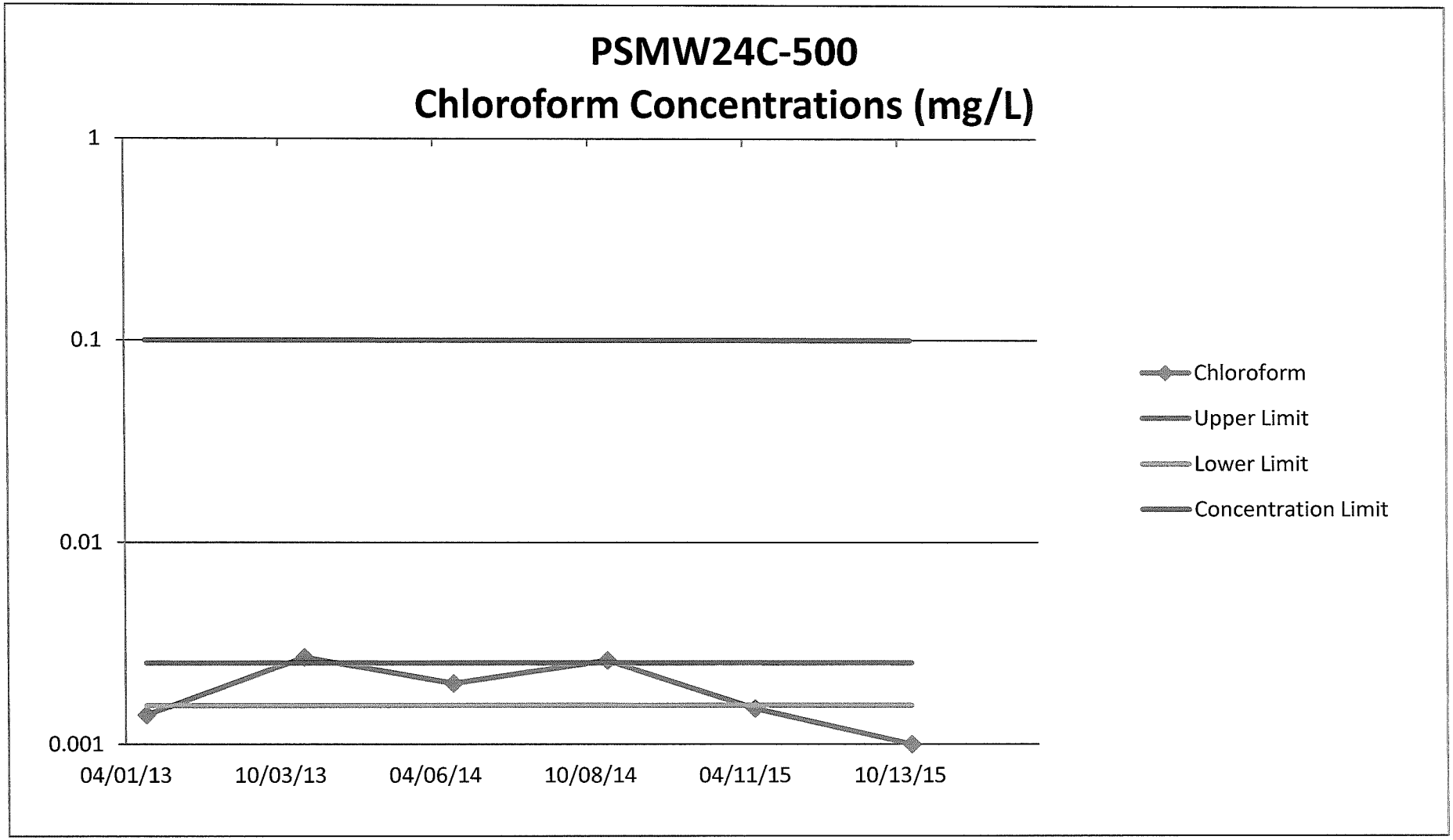

PSMW-13A
Chloroform Concentrations (mg/L)
1
0.1
0.01
0.001
04/01/13
10/03/13
04/06/14
10/08/14
04/11/15
10/13/15
Chloroform
Upper Limit
Lower Limit
Concentration Limit

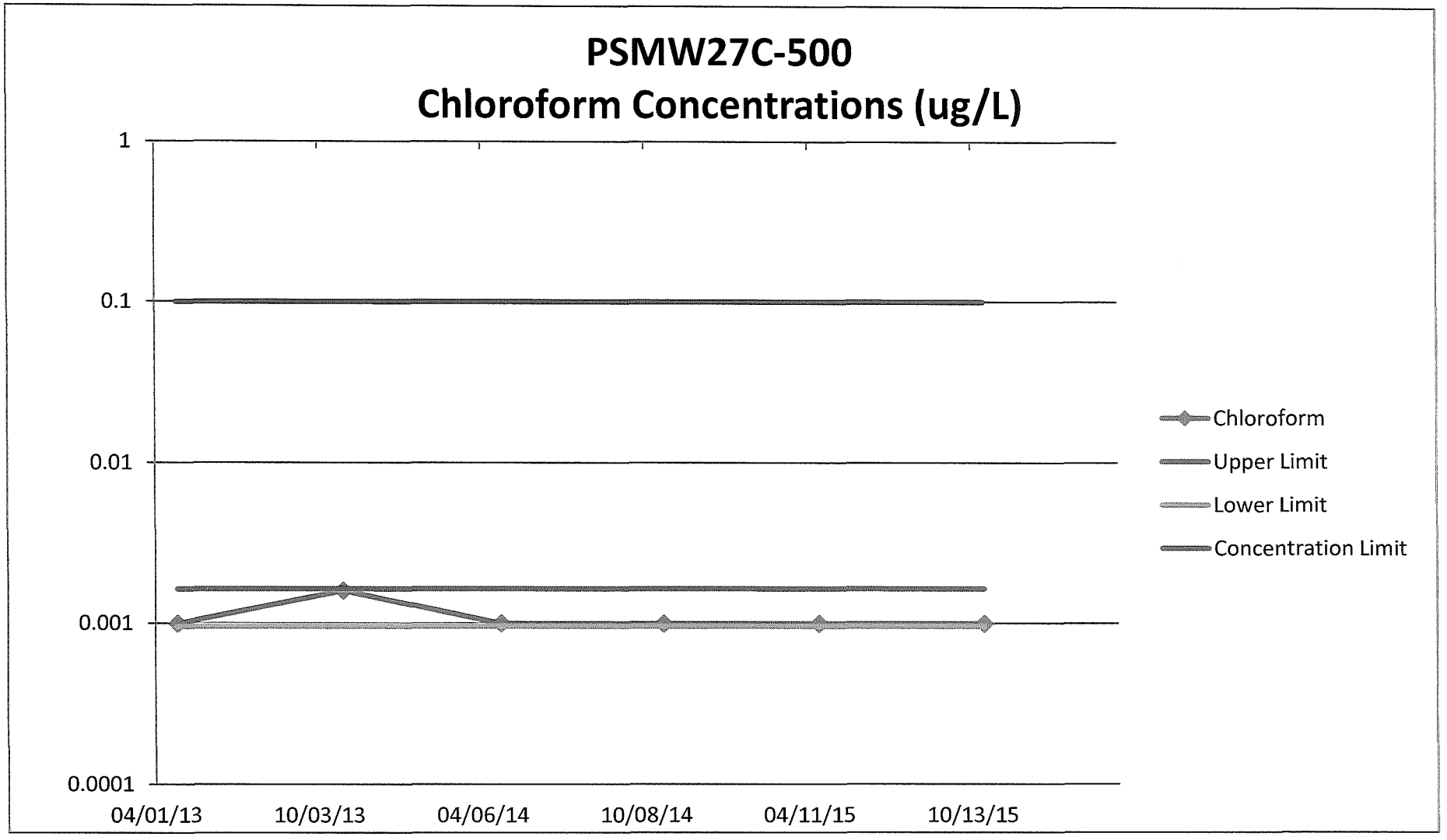

PSMW-18
PCE Concentrations (mg/L)
0.006
0.005
0.004
0.003
0.002
0.001
0
12/01/11
06/03/12
12/05/12
06/08/13
12/10/13
06/13/14
12/15/14
06/18/15
12/20/15
PCE
Upper Limit
Lower Limit
Concentration Limit

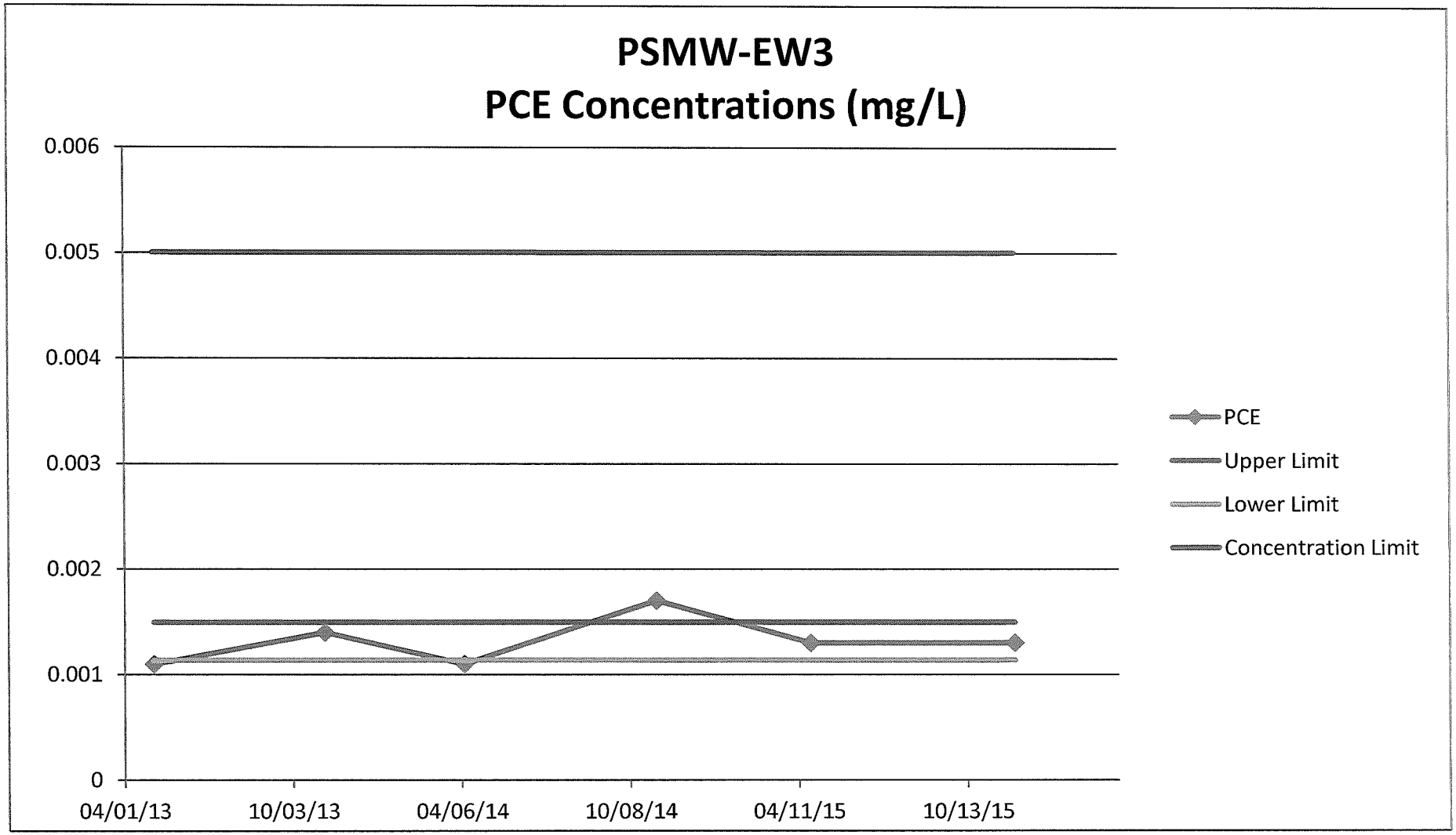

PSMW-22
PCE Concentrations (mg/L)
0.006
0.005
0.004
0.003
0.002
0.001
0
12/01/11
06/03/12
12/05/12
06/08/13
12/10/13
06/13/14
12/15/14
06/18/15
12/20/15
PCE
Upper Limit
Lower Limit
Concentration Limit

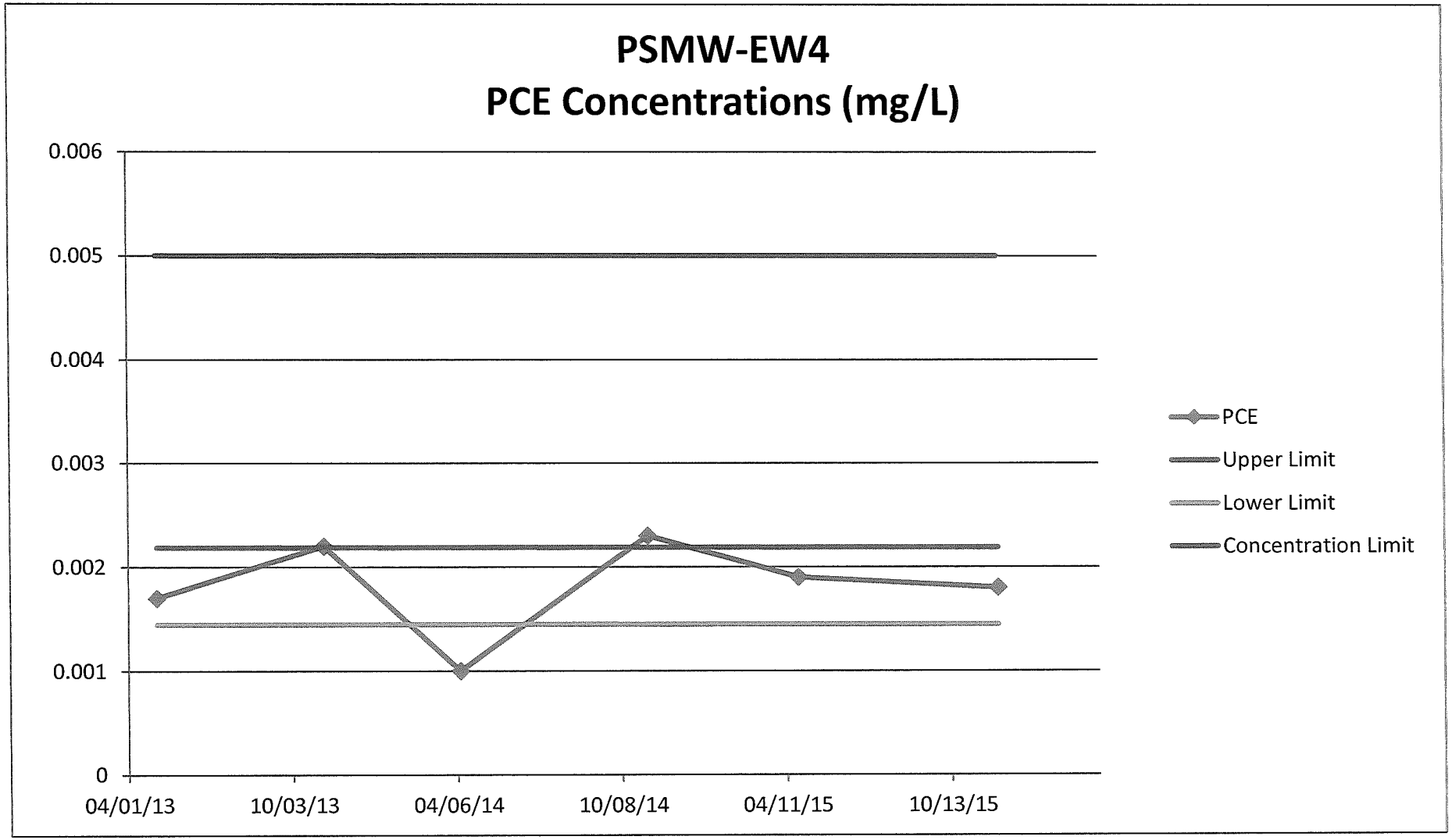

PSMW-22
1,1 - DCE Concentrations (mg/L)
0.006
0.005
0.004
0.003
0.002
0.001
0
12/01/11
06/03/12
12/05/12
06/08/13
12/10/13
06/13/14
12/15/14
06/18/15
12/20/15
DCE
Upper Limit
Lower Limit
Concentration Limit

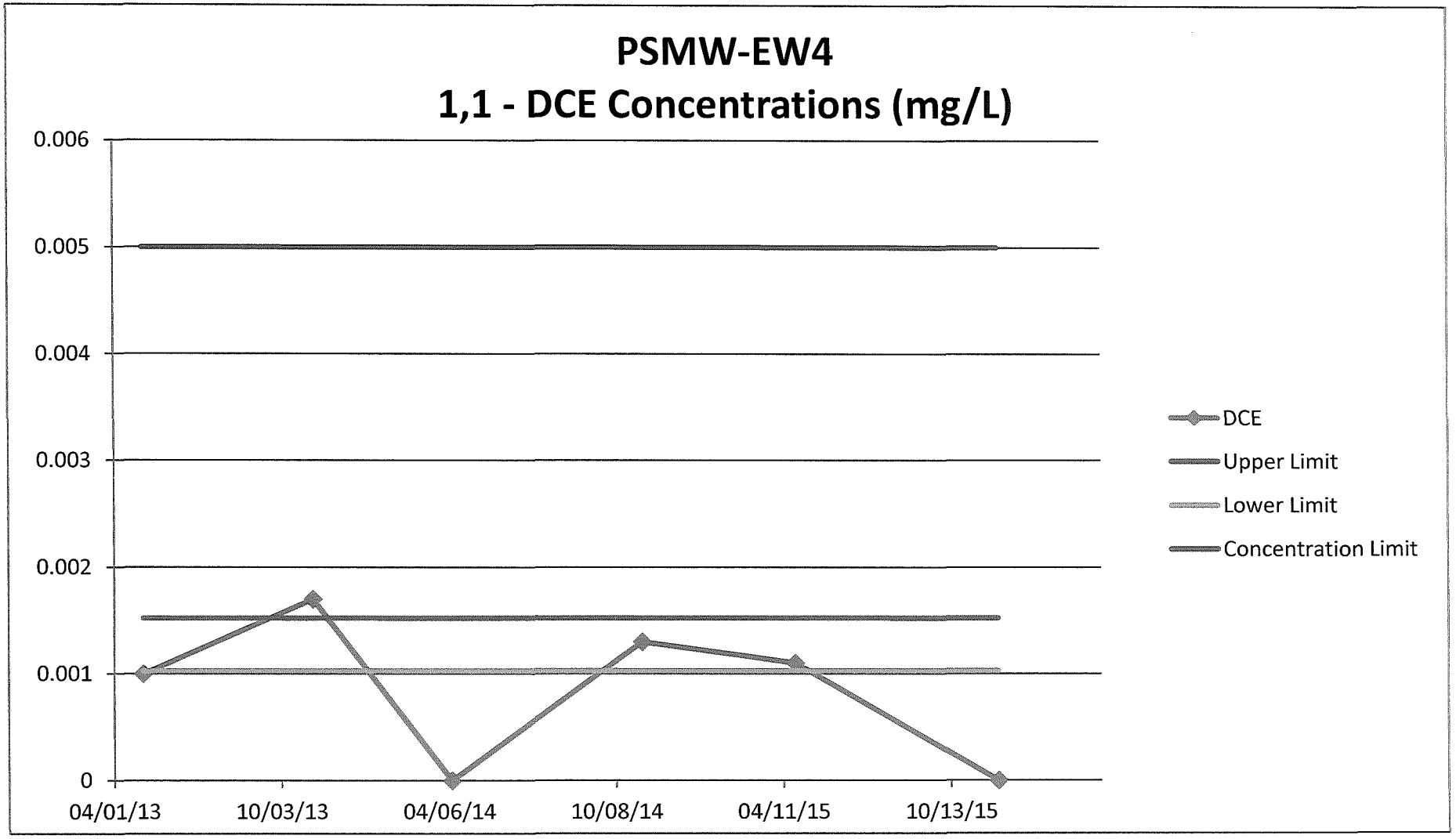

PSMW24C-500
1,1 - DCE Concentrations (mg/L)
0.006
0.005
0.004
0.003
0.002
0.001
0
04/01/13
10/03/13
04/06/14
10/08/14
04/11/15
10/13/15
DCE
Upper Limit
Lower Limit
Concentration Limit

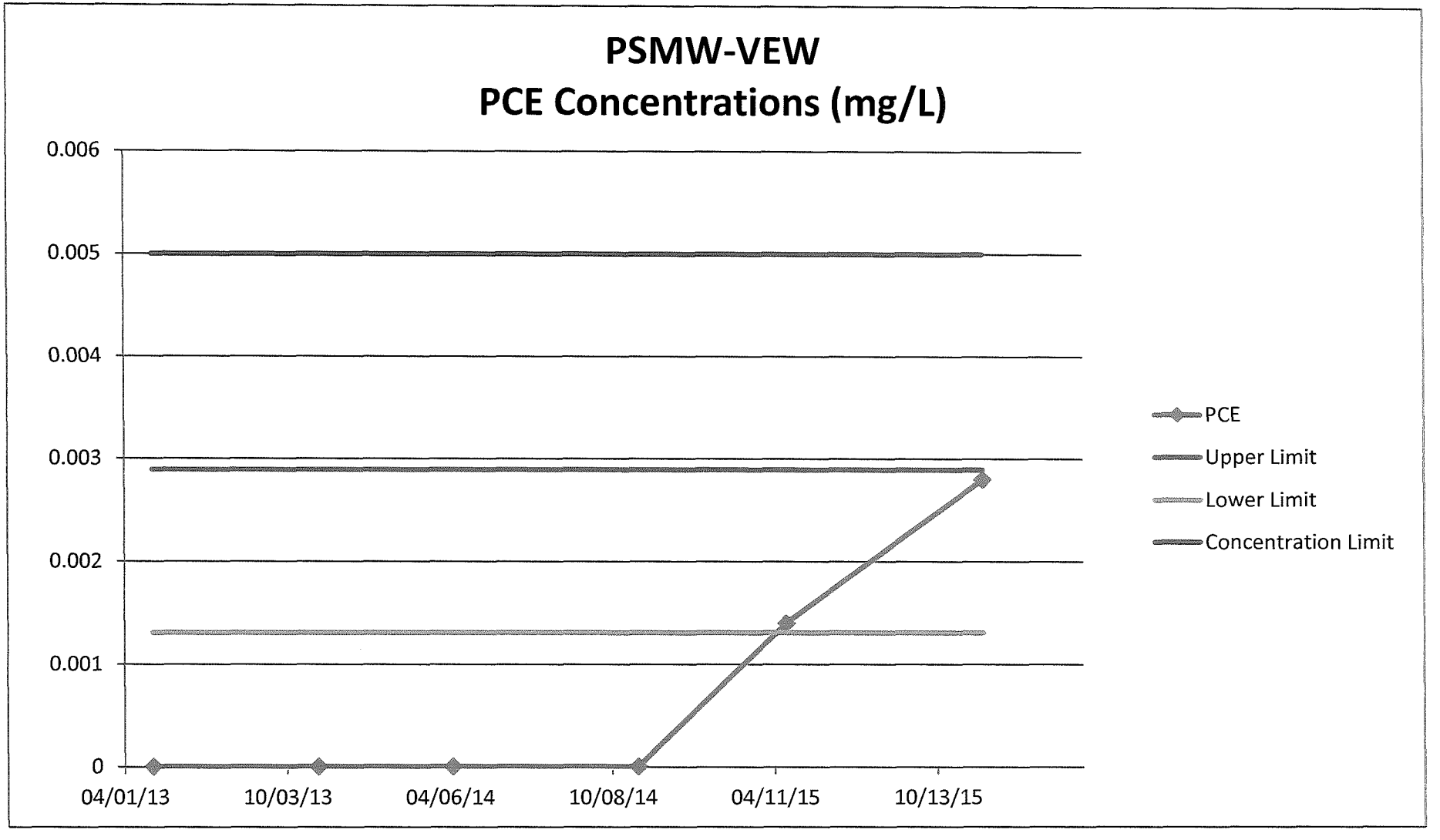

PSMW24C-500
Chloroform Concentrations (mg/L)
1
0.1
0.01
0.001
04/01/13
10/03/13
04/06/14
10/08/14
04/11/15
10/13/15
Chloroform
Upper Limit
Lower Limit
Concentration Limit


PSMW27C-500
Chloroform Concentrations (ug/L)
1
0.1
0.01
0.001
0.0001
04/01/13
10/03/13
04/06/14
10/08/14
04/11/15
10/13/15
Chloroform
Upper Limit
Lower Limit
Concentration Limit


PSMW-EW3
PCE Concentrations (mg/L)
0.006
0.005
0.004
0.003
0.002
0.001
0
04/01/13
10/03/13
04/06/14
10/08/14
04/11/15
10/13/15
PCE
Upper Limit
Lower Limit
Concentration Limit


PSMW-EW4
PCE Concentrations (mg/L)
0.006
0.005
0.004
0.003
0.002
0.001
0
04/01/13
10/03/13
04/06/14
10/08/14
04/11/15
10/13/15
PCE
Upper Limit
Lower Limit
Concentration Limit


PSMW-EW4
1,1 - DCE Concentrations (mg/L)
0.006
0.005
0.004
0.003
0.002
0.001
0
04/01/13
10/03/13
04/06/14
10/08/14
04/11/15
10/13/15
DCE
Upper Limit
Lower Limit
Concentration Limit


PSMW-VEW
PCE Concentrations (mg/L)
0.006
0.005
0.004
0.003
0.002
0.001
0
04/01/13
10/03/13
04/06/14
10/08/14
04/11/15
10/13/15
PCE
Upper Limit
Lower Limit
Concentration Limit

APPENDIX 5

Well Sampling Data Forms

Well Sampling Data Form

Well ID: PSMW-01R
Sample Date: 10/27/2015
Sample Collection: 1425
Sampler: Mark Sikelianos, Delphi
Analytical Laboratory Name: Hall
Analytical Method: Appendix 9
Casing Head Elevation (ft): 5029.66
Depth to Water (ft): 127.62
Water Level Elevation (ft): 4902.04
Field Measurements and Data **pH (standard unit):** 7.50 **Conductivity (ms):** 1740 **Temperature (°F):** 66.6 **Purge Volume (gal):** 7
Comments: Duplicate sample collected for 8260 volatiles – PSMW-A. GTS off.

Well Sampling Data Form

Well ID: PSMW-07R
Sample Date: 10/26/2015
Sample Collection: 1125
Sampler: Mark Sikelianos, Delphi
Analytical Laboratory Name: Hall
Analytical Method: Appendix 9
Casing Head Elevation (ft): 5008.37
Depth to Water (ft): 105.50
Water Level Elevation (ft): 4902.87
Field Measurements and Data **pH (standard unit):** 7.51 **Conductivity (μmho/cm):** 1015 **Temperature (°F):** 65.7 **Purge Volume (gal):** 13
Comments: GTS off.

Well Sampling Data Form

Well ID: PSMW-08B
Sample Date: 10/27/2015
Sample Collection: 1535
Sampler: Mark Sikelianos, Delphi
Analytical Laboratory Name: Hall
Analytical Method: Appendix 9
Casing Head Elevation (ft): 5045.64
Depth to Water (ft): 145.83
Water Level Elevation (ft): 4899.81
Field Measurements and Data **pH (standard unit):** 7.72 **Conductivity (µmho/cm):** 1009 **Temperature (°F):** 66.4 **Purge Volume (gal):** 11
Comments: Duplicate sample collected for 8260 analysis – PSMW-HB. GTS off.

Well Sampling Data Form

Well ID: PSMW-10
Sample Date: 10/27/2015
Sample Collection: 1635
Sampler: Mark Sikelianos, Delphi
Analytical Laboratory Name: Hall
Analytical Method: Appendix 9
Casing Head Elevation (ft): 5058.15
Depth to Water (ft): 159.81
Water Level Elevation (ft): 4898.34
Field Measurements and Data **pH (standard unit):** 7.66 **Conductivity (μmho/cm):** 1070 **Temperature (°F):** 662 **Purge Volume (gal):** 11
Comments: Duplicate sample collected for 8260 analysis – PSMW-J. GTS off.

Well Sampling Data Form

Well ID: PSMW-11
Sample Date: 10/23/2015
Sample Collection: 1535
Sampler: Mark Sikelianos, Delphi
Analytical Laboratory Name: Hall
Analytical Method: 8260
Casing Head Elevation (ft): 5055.48
Depth to Water (ft): 156.31
Water Level Elevation (ft): 4899.17
Field Measurements and Data **pH (standard unit):** 8.20 **Conductivity (µmho/cm):** 1068 **Temperature (°F):** 67.1 **Purge Volume (gal):** 5
Comments: GTS off.

Well Sampling Data Form

Well ID: PSMW-13A
Sample Date: 10/26/2015
Sample Collection: 1342
Sampler: Mark Sikelianos, Delphi
Analytical Laboratory Name: Hall
Analytical Method: Appendix 9
Casing Head Elevation (ft): 5052.14
Depth to Water (ft): 152.55
Water Level Elevation (ft): 4899.59
Field Measurements and Data **pH (standard unit):** 7.70 **Conductivity (μmho/cm):** 1580 **Temperature (°F):** 66.0 **Purge Volume (gal):** 6
Comments: GTS off.

Well Sampling Data Form

Well ID: PSMW-17
Sample Date: 10/27/2015
Sample Collection: 1745
Sampler: Mark Sikelianos, Delphi
Analytical Laboratory Name: Hall
Analytical Method: 8260
Casing Head Elevation (ft): 5077.75
Depth to Water (ft): 181.26
Water Level Elevation (ft): 4896.49
Field Measurements and Data **pH (standard unit):** 7.35 **Conductivity (μmho/cm):** 937 **Temperature (°F):** 66.7 **Purge Volume (gal):** 14
Comments: GTS off. Hand bailed. Unable to purge three casing volumes due to slow well recovery. Purged approximately one casing volume and confirm parameter stability.

Well Sampling Data Form

Well ID: PSMW-18
Sample Date: 10/23/2015
Sample Collection: 1440
Sampler: Mark Sikelianos, Delphi
Analytical Laboratory Name: Hall
Analytical Method: 8260
Casing Head Elevation (ft): 5071.26
Depth to Water (ft): 175.02
Water Level Elevation (ft): 4896.24
Field Measurements and Data **pH (standard unit):** 7.38 **Conductivity (µmho/cm):** 940 **Temperature (°F):** 67.1 **Purge Volume (gal):** 22
Comments: GTS off.

Well Sampling Data Form

Well ID: PSMW-20
Sample Date: 10/23/2015
Sample Collection: 1126
Sampler: Mark Sikelianos, Delphi
Analytical Laboratory Name: Hall
Analytical Method: 8260
Casing Head Elevation (ft): 5110.30
Depth to Water (ft): 216.28
Water Level Elevation (ft): 4894.02
Field Measurements and Data **pH (standard unit):** 7.78 **Conductivity (μmho/cm):** 977 **Temperature (°F):** 66.9 **Purge Volume (gal):** 21
Comments: GTS off.

Well Sampling Data Form

Well ID: PSMW-22
Sample Date: 10/28/2015
Sample Collection: 0945
Sampler: Mark Sikelianos, Delphi
Analytical Laboratory Name: Hall
Analytical Method: 8260
Casing Head Elevation (ft): 5111.25
Depth to Water (ft): 217.16
Water Level Elevation (ft): 4894.09
Field Measurements and Data **pH (standard unit):** 7.58 **Conductivity (µmho/cm):** 827 **Temperature (°F):** 66.7 **Purge Volume (gal):** 13
Comments: Hand bailed. Unable to purge three casing volumes due to slow well recovery. Purged approximately one casing volume and confirm parameter stability. No duplicate sample collected for 8260 analysis due to field oversight. GTS off.

Well Sampling Data Form

Well ID: PSMW-27
Sample Date: 10/27/2015
Sample Collection: 1300
Sampler: Mark Sikelianos, Delphi
Analytical Laboratory Name: Hall
Analytical Method: 8260
Casing Head Elevation (ft): 5150.54
Depth to Water (ft): 259.16
Water Level Elevation (ft): 4891.38
Field Measurements and Data **pH (standard unit):** 7.40 **Conductivity (μmho/cm):** 661 **Temperature (°F):** 66.7 **Purge Volume (gal):** 12
Comments: GTS off. Hand bail. Bailer picking up lots of sand during bailing consequently, only two casing volumes purged and stability parameters confirmed.

Well Sampling Data Form

Well ID: PSMW-37
Sample Date: 10/26/2015
Sample Collection: 1225
Sampler: Mark Sikelianos, Delphi
Analytical Laboratory Name: Hall
Analytical Method: 8260
Casing Head Elevation (ft): 5005.15
Depth to Water (ft): 101.78
Water Level Elevation (ft): 4903.37
Field Measurements and Data **pH (standard unit):** 7.79 **Conductivity (μmho/cm):** 1.01 (ms) **Temperature (°F):** 66.6 **Purge Volume (gal):** 5
Comments: GTS off.

Well Sampling Data Form

Well ID: PSMW-EW1
Sample Date: Not sampled
Sample Collection:
Sampler: Mark Sikelianos, Delphi
Analytical Laboratory Name:
Analytical Method:
Casing Head Elevation (ft): 5038.03
Depth to Water (ft): N/A
Water Level Elevation (ft): N/A
Field Measurements and Data **pH (standard unit):** **Conductivity (μmho/cm):** **Temperature (°F):** **Purge Volume (gal):**
Comments: Extraction well. Well was out of service at the time of sample collection.

Well Sampling Data Form

Well ID: PSMW-EW2
Sample Date: 12/04/2015
Sample Collection: 0900
Sampler: Mark Sikelianos, Delphi
Analytical Laboratory Name: Hall
Analytical Method: 8260
Casing Head Elevation (ft): 5058.04
Depth to Water (ft): N/A
Water Level Elevation (ft): N/A
Field Measurements and Data **pH (standard unit):** 6.91 **Conductivity (µmho/cm):** 479 **Temperature (°F):** 59.7 **Purge Volume (gal):** Initial
Comments: Extraction well. Samples collected at GTS building sample port.

Well Sampling Data Form

Well ID: PSMW-EW3
Sample Date: 12/04/2015
Sample Collection: 0910
Sampler: Mark Sikelianos, Delphi
Analytical Laboratory Name: Hall
Analytical Method: 8260
Casing Head Elevation (ft): 5111.18
Depth to Water (ft): N/A
Water Level Elevation (ft): N/A
Field Measurements and Data **pH (standard unit):** 7.05 **Conductivity (µmho/cm):** 946 **Temperature (°F):** 66.6 **Purge Volume (gal):** Initial
Comments: Extraction well. Samples collected at GTS building sample port.

Well Sampling Data Form

Well ID: PSMW-EW4
Sample Date: 12/04/2015
Sample Collection: 0920
Sampler: Mark Sikelianos
Analytical Laboratory Name: Hall
Analytical Method: 8260
Casing Head Elevation (ft): 5090.35
Depth to Water (ft): N/A
Water Level Elevation (ft): N/A
Field Measurements and Data **pH (standard unit):** 7.21 **Conductivity (μmho/cm):** 970 **Temperature (°F):** 65.5 **Purge Volume (gal):** Initial
Comments: Extraction well. Samples collected at GTS building sample port.

Well Sampling Data Form

Well ID: PSMW-VEW
Sample Date: 12/04/2015
Sample Collection: 0930
Sampler: Mark Sikelianos, Delphi
Analytical Laboratory Name: Hall
Analytical Method: 8260
Casing Head Elevation (ft): 5029.55
Depth to Water (ft): N/A
Water Level Elevation (ft): N/A
Field Measurements and Data **pH (standard unit):** 7.19 **Conductivity (μmho/cm):** 2640 **Temperature (°F):** 61.0 **Purge Volume (gal):** Initial
Comments: Extraction well. Samples collected at GTS building sample port.

Well Sampling Data Form

Well ID: PSMW24-500
Sample Date: 10/27/2015
Sample Collection: 1024
Sampler: Mark Sikelianos, Delphi
Analytical Laboratory Name: Hall
Analytical Method: 8260
Casing Head Elevation (ft): 5138.57
Depth to Water (ft): 246.65
Water Level Elevation (ft): 4891.92
Field Measurements and Data **pH (standard unit):** 7.15 **Conductivity (μmho/cm):** 440 **Temperature (°F):** 68.5 **Purge Volume (gal):** 14
Comments: GTS off.

Well Sampling Data Form

Well ID: PSMW27-500
Sample Date: 10/27/2015
Sample Collection: 1204
Sampler: Mark Sikelianos, Delphi
Analytical Laboratory Name: Hall
Analytical Method: 8260
Casing Head Elevation (ft): 5153.58
Depth to Water (ft): 262.40
Water Level Elevation (ft): 4891.18
Field Measurements and Data **pH (standard unit):** 7.27 **Conductivity (µmho/cm):** 422 **Temperature (°F):** 67.3 **Purge Volume (gal):** 14
Comments: Duplicate sample collected for 8260 analysis – PSMW-Z500. GTS off.

Well Sampling Data Form

Well ID: PSMW27-600
Sample Date: 10/27/2015
Sample Collection: 1330
Sampler: Mark Sikelianos, Delphi
Analytical Laboratory Name: Hall
Analytical Method: 8260
Casing Head Elevation (ft): 5153.58
Depth to Water (ft): 262.60
Water Level Elevation (ft): 4890.98
Field Measurements and Data **pH (standard unit):** 7.22 **Conductivity (µmho/cm):** 362 **Temperature (°F):** 66.9 **Purge Volume (gal):** 15
Comments: GTS off.

APPENDIX 6

Laboratory Analytical Reports

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

November 02, 2015

John Hale
Public Service Company
2401 Aztec, NE #Z110
Albuquerque, NM 87107
TEL: (505) 241-2014
FAX (505) 241-4306

RE: Person Generating Station OrderNo.: 1510B57

Dear John Hale:

Hall Environmental Analysis Laboratory received 4 sample(s) on 10/23/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Generating Station
Lab ID: 1510B57-001 **Matrix:** AQUEOUS

Client Sample ID: PSMW-20
Collection Date: 10/23/2015 11:26:00 AM
Received Date: 10/23/2015 5:07:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Toluene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Ethylbenzene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Naphthalene	ND	2.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
1-Methylnaphthalene	ND	4.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
2-Methylnaphthalene	ND	4.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Acetone	ND	10		µg/L	1	10/28/2015 3:48:50 PM	R29865
Bromobenzene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Bromodichloromethane	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Bromoform	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Bromomethane	ND	3.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
2-Butanone	ND	10		µg/L	1	10/28/2015 3:48:50 PM	R29865
Carbon disulfide	ND	10		µg/L	1	10/28/2015 3:48:50 PM	R29865
Carbon Tetrachloride	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Chlorobenzene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Chloroethane	ND	2.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Chloroform	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Chloromethane	ND	3.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
2-Chlorotoluene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
4-Chlorotoluene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
cis-1,2-DCE	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Dibromochloromethane	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Dibromomethane	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
1,1-Dichloroethane	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
1,1-Dichloroethene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
1,2-Dichloropropane	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
1,3-Dichloropropane	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
2,2-Dichloropropane	ND	2.0		µg/L	1	10/28/2015 3:48:50 PM	R29865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Generating Station
Lab ID: 1510B57-001
Matrix: AQUEOUS
Client Sample ID: PSMW-20
Collection Date: 10/23/2015 11:26:00 AM
Received Date: 10/23/2015 5:07:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
1,1-Dichloropropene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Hexachlorobutadiene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
2-Hexanone	ND	10		µg/L	1	10/28/2015 3:48:50 PM	R29865
Isopropylbenzene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
4-Isopropyltoluene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
4-Methyl-2-pentanone	ND	10		µg/L	1	10/28/2015 3:48:50 PM	R29865
Methylene Chloride	ND	3.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
n-Butylbenzene	ND	3.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
n-Propylbenzene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
sec-Butylbenzene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Styrene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
tert-Butylbenzene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
trans-1,2-DCE	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Trichlorofluoromethane	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Vinyl chloride	ND	1.0		µg/L	1	10/28/2015 3:48:50 PM	R29865
Xylenes, Total	ND	1.5		µg/L	1	10/28/2015 3:48:50 PM	R29865
Surr: 1,2-Dichloroethane-d4	97.5	70-130		%REC	1	10/28/2015 3:48:50 PM	R29865
Surr: 4-Bromofluorobenzene	89.4	70-130		%REC	1	10/28/2015 3:48:50 PM	R29865
Surr: Dibromofluoromethane	93.6	70-130		%REC	1	10/28/2015 3:48:50 PM	R29865
Surr: Toluene-d8	100	70-130		%REC	1	10/28/2015 3:48:50 PM	R29865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Generating Station
Lab ID: 1510B57-002 **Matrix:** AQUEOUS

Client Sample ID: PSMW-18
Collection Date: 10/23/2015 2:40:00 PM
Received Date: 10/23/2015 5:07:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	BCN
Benzene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Toluene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Ethylbenzene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Naphthalene	ND	2.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
1-Methylnaphthalene	ND	4.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
2-Methylnaphthalene	ND	4.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Acetone	ND	10		µg/L	1	10/28/2015 4:19:20 PM	R29865
Bromobenzene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Bromodichloromethane	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Bromoform	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Bromomethane	ND	3.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
2-Butanone	ND	10		µg/L	1	10/28/2015 4:19:20 PM	R29865
Carbon disulfide	ND	10		µg/L	1	10/28/2015 4:19:20 PM	R29865
Carbon Tetrachloride	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Chlorobenzene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Chloroethane	ND	2.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Chloroform	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Chloromethane	ND	3.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
2-Chlorotoluene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
4-Chlorotoluene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
cis-1,2-DCE	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Dibromochloromethane	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Dibromomethane	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
1,1-Dichloroethane	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
1,1-Dichloroethene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
1,2-Dichloropropane	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
1,3-Dichloropropane	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
2,2-Dichloropropane	ND	2.0		µg/L	1	10/28/2015 4:19:20 PM	R29865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Generating Station
Lab ID: 1510B57-002
Matrix: AQUEOUS
Client Sample ID: PSMW-18
Collection Date: 10/23/2015 2:40:00 PM
Received Date: 10/23/2015 5:07:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
1,1-Dichloropropene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Hexachlorobutadiene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
2-Hexanone	ND	10		µg/L	1	10/28/2015 4:19:20 PM	R29865
Isopropylbenzene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
4-Isopropyltoluene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
4-Methyl-2-pentanone	ND	10		µg/L	1	10/28/2015 4:19:20 PM	R29865
Methylene Chloride	ND	3.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
n-Butylbenzene	ND	3.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
n-Propylbenzene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
sec-Butylbenzene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Styrene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
tert-Butylbenzene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Tetrachloroethene (PCE)	2.2	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
trans-1,2-DCE	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Trichlorofluoromethane	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Vinyl chloride	ND	1.0		µg/L	1	10/28/2015 4:19:20 PM	R29865
Xylenes, Total	ND	1.5		µg/L	1	10/28/2015 4:19:20 PM	R29865
Surr: 1,2-Dichloroethane-d4	107	70-130		%REC	1	10/28/2015 4:19:20 PM	R29865
Surr: 4-Bromofluorobenzene	95.2	70-130		%REC	1	10/28/2015 4:19:20 PM	R29865
Surr: Dibromofluoromethane	102	70-130		%REC	1	10/28/2015 4:19:20 PM	R29865
Surr: Toluene-d8	97.0	70-130		%REC	1	10/28/2015 4:19:20 PM	R29865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Generating Station
Lab ID: 1510B57-003 **Matrix:** AQUEOUS

Client Sample ID: PSMW-11
Collection Date: 10/23/2015 3:35:00 PM
Received Date: 10/23/2015 5:07:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Toluene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Ethylbenzene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Naphthalene	ND	2.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
1-Methylnaphthalene	ND	4.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
2-Methylnaphthalene	ND	4.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Acetone	ND	10		µg/L	1	10/28/2015 4:49:47 PM	R29865
Bromobenzene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Bromodichloromethane	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Bromoform	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Bromomethane	ND	3.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
2-Butanone	ND	10		µg/L	1	10/28/2015 4:49:47 PM	R29865
Carbon disulfide	ND	10		µg/L	1	10/28/2015 4:49:47 PM	R29865
Carbon Tetrachloride	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Chlorobenzene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Chloroethane	ND	2.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Chloroform	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Chloromethane	ND	3.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
2-Chlorotoluene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
4-Chlorotoluene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
cis-1,2-DCE	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Dibromochloromethane	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Dibromomethane	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
1,1-Dichloroethane	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
1,1-Dichloroethene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
1,2-Dichloropropane	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
1,3-Dichloropropane	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
2,2-Dichloropropane	ND	2.0		µg/L	1	10/28/2015 4:49:47 PM	R29865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Generating Station
Lab ID: 1510B57-003 **Matrix:** AQUEOUS

Client Sample ID: PSMW-11
Collection Date: 10/23/2015 3:35:00 PM
Received Date: 10/23/2015 5:07:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
1,1-Dichloropropene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Hexachlorobutadiene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
2-Hexanone	ND	10		µg/L	1	10/28/2015 4:49:47 PM	R29865
Isopropylbenzene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
4-Isopropyltoluene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
4-Methyl-2-pentanone	ND	10		µg/L	1	10/28/2015 4:49:47 PM	R29865
Methylene Chloride	ND	3.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
n-Butylbenzene	ND	3.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
n-Propylbenzene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
sec-Butylbenzene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Styrene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
tert-Butylbenzene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
trans-1,2-DCE	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Trichlorofluoromethane	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Vinyl chloride	ND	1.0		µg/L	1	10/28/2015 4:49:47 PM	R29865
Xylenes, Total	ND	1.5		µg/L	1	10/28/2015 4:49:47 PM	R29865
Surr: 1,2-Dichloroethane-d4	95.3	70-130		%REC	1	10/28/2015 4:49:47 PM	R29865
Surr: 4-Bromofluorobenzene	90.5	70-130		%REC	1	10/28/2015 4:49:47 PM	R29865
Surr: Dibromofluoromethane	97.7	70-130		%REC	1	10/28/2015 4:49:47 PM	R29865
Surr: Toluene-d8	91.0	70-130		%REC	1	10/28/2015 4:49:47 PM	R29865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Generating Station
Lab ID: 1510B57-004
Matrix: TRIP BLANK
Client Sample ID: Trip Blank
Collection Date:
Received Date: 10/23/2015 5:07:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Toluene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Ethylbenzene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Naphthalene	ND	2.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
1-Methylnaphthalene	ND	4.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
2-Methylnaphthalene	ND	4.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Acetone	ND	10		µg/L	1	10/28/2015 5:20:07 PM	R29865
Bromobenzene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Bromodichloromethane	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Bromoform	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Bromomethane	ND	3.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
2-Butanone	ND	10		µg/L	1	10/28/2015 5:20:07 PM	R29865
Carbon disulfide	ND	10		µg/L	1	10/28/2015 5:20:07 PM	R29865
Carbon Tetrachloride	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Chlorobenzene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Chloroethane	ND	2.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Chloroform	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Chloromethane	ND	3.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
2-Chlorotoluene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
4-Chlorotoluene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
cis-1,2-DCE	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Dibromochloromethane	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Dibromomethane	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
1,1-Dichloroethane	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
1,1-Dichloroethene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
1,2-Dichloropropane	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
1,3-Dichloropropane	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
2,2-Dichloropropane	ND	2.0		µg/L	1	10/28/2015 5:20:07 PM	R29865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Generating Station
Lab ID: 1510B57-004
Matrix: TRIP BLANK
Client Sample ID: Trip Blank
Collection Date:
Received Date: 10/23/2015 5:07:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Hexachlorobutadiene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
2-Hexanone	ND	10		µg/L	1	10/28/2015 5:20:07 PM	R29865
Isopropylbenzene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
4-Isopropyltoluene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
4-Methyl-2-pentanone	ND	10		µg/L	1	10/28/2015 5:20:07 PM	R29865
Methylene Chloride	ND	3.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
n-Butylbenzene	ND	3.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
n-Propylbenzene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
sec-Butylbenzene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Styrene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
tert-Butylbenzene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
trans-1,2-DCE	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Trichlorofluoromethane	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Vinyl chloride	ND	1.0		µg/L	1	10/28/2015 5:20:07 PM	R29865
Xylenes, Total	ND	1.5		µg/L	1	10/28/2015 5:20:07 PM	R29865
Surr: 1,2-Dichloroethane-d4	107	70-130		%REC	1	10/28/2015 5:20:07 PM	R29865
Surr: 4-Bromofluorobenzene	96.4	70-130		%REC	1	10/28/2015 5:20:07 PM	R29865
Surr: Dibromofluoromethane	102	70-130		%REC	1	10/28/2015 5:20:07 PM	R29865
Surr: Toluene-d8	95.0	70-130		%REC	1	10/28/2015 5:20:07 PM	R29865

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510B57**

02-Nov-15

Client: Public Service Company
Project: Person Generating Station

Sample ID **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW** Batch ID: **R29865** RunNo: **29865**
Prep Date: Analysis Date: **10/28/2015** SeqNo: **909685** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	21	1.0	20.00	0	104	70	130			
Toluene	22	1.0	20.00	0	108	70	130			
Chlorobenzene	21	1.0	20.00	0	103	70	130			
1,1-Dichloroethene	22	1.0	20.00	0	111	70	130			
Trichloroethene (TCE)	20	1.0	20.00	0	101	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		101	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		102	70	130			
Surr: Dibromofluoromethane	10		10.00		104	70	130			
Surr: Toluene-d8	9.2		10.00		91.9	70	130			

Sample ID **rb1** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **R29865** RunNo: **29865**
Prep Date: Analysis Date: **10/28/2015** SeqNo: **909707** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510B57**

02-Nov-15

Client: Public Service Company
Project: Person Generating Station

Sample ID **rb1**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**	
Client ID: **PBW**	Batch ID: **R29865**	RunNo: **29865**	
Prep Date:	Analysis Date: **10/28/2015**	SeqNo: **909707**	Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510B57**

02-Nov-15

Client: Public Service Company
Project: Person Generating Station

Sample ID **rb1**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**	
Client ID: **PBW**	Batch ID: **R29865**	RunNo: **29865**	
Prep Date:	Analysis Date: **10/28/2015**	SeqNo: **909707**	Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.8		10.00		98.3	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		97.8	70	130			
Surr: Dibromofluoromethane	10		10.00		104	70	130			
Surr: Toluene-d8	9.3		10.00		93.1	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: PNM Aztec Work Order Number: 1510B57 RcptNo 1

Received by/date: AG 10/23/15

Logged By: Lindsay Mangin 10/23/2015 5:07:00 PM

Completed By: Lindsay Mangin 10/24/2015 9:52:04 AM

Reviewed By: 10/24/15

Chain of Custody

1. Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☑
2. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
3. How was the sample delivered? Client

Log In

4. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
6. Sample(s) in proper container(s)? Yes ☑ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
9. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
10. VOA vials have zero headspace? Yes ☑ No ☐ No VOA Vials ☐
11. Were any sample containers received broken? Yes ☐ No ☑
12. Does paperwork match bottle labels? Yes ☑ No ☐
    (Note discrepancies on chain of custody)
13. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
14. Is it clear what analyses were requested? Yes ☑ No ☐
15. Were all holding times able to be met? Yes ☑ No ☐
    (If no, notify customer for authorization.)

# of preserved bottles checked for pH: (<2 or >12 unless noted)

Adjusted?

Checked by:

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date

By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding:

Client Instructions:

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	4.6	Good	Not Present			

Chain-of-Custody Record

lient: PNM John Hale
2401 AZTEC Rd NE MS Z-100
ailing Address: Albuquerque, NM 87107
hone #: 241-2014
mail or Fax#:
A/QC Package:
L Standard ☐ Level 4 (Full Validation)
ccreditation
I NELAP ☐ Other
I EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush
Project Name: Person Generating Station
Project #: Semi-Annual Fall-2015
Project Manager: John Hale
Sampler: Mark Sikelianos
On Ice: ☒ Yes ☐ No
Sample Temperature: 4.0

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1510B57	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
10/23/15	1126	Aqueous	PSMW-20	3-40mL VOAs	HCl	-001										X						
"	1440	"	PSMW-18	"		-002										X						
"	1535	"	PSMW-11	"		-003										X						
		"	Trip Blank	"		-004										X						

Date:	Time:	Relinquished by:	Received by:	Date	Time	Remarks:
10/23/15	1707	[signature]	[signature]	10/23/15	1707	John.hale@PNMResources.com
Date:	Time:	Relinquished by:	Received by:	Date	Time	Mark@delphiinc.net

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

December 01, 2015

John Hale
Public Service Company
2401 Aztec, NE #Z110
Albuquerque, NM 87107
TEL: (505) 241-2014
FAX (505) 241-4306

RE: Person Generating Station OrderNo.: 1510C42

Dear John Hale:

Hall Environmental Analysis Laboratory received 4 sample(s) on 10/26/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Generating Station
Lab ID: 1510C42-001 **Matrix:** AQUEOUS

Client Sample ID: PSMW-7R
Collection Date: 10/26/2015 11:25:00 AM
Received Date: 10/26/2015 5:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 504.1: EDB/DBCP						Analyst:	KJH
1,2-Dibromo-3-chloropropane	ND	0.020		µg/L	1	10/28/2015 8:54:41 PM	22055
1,2-Dibromoethane	ND	0.010		µg/L	1	10/28/2015 8:54:41 PM	22055
EPA 200.8: METALS						Analyst:	JLF
Antimony	ND	0.0010		mg/L	1	11/16/2015 12:56:28 PM	A30266
Arsenic	0.0047	0.0010		mg/L	1	11/16/2015 12:56:28 PM	A30266
Selenium	0.0036	0.0010		mg/L	1	11/18/2015 1:43:30 PM	A30317
Thallium	ND	0.00050		mg/L	1	11/16/2015 12:56:28 PM	A30266
EPA METHOD 200.7: METALS						Analyst:	MED
Barium	0.060	0.0020		mg/L	1	11/9/2015 3:16:50 PM	B30106
Beryllium	ND	0.0020		mg/L	1	11/9/2015 3:16:50 PM	B30106
Cadmium	ND	0.0020		mg/L	1	11/9/2015 3:16:50 PM	B30106
Chromium	ND	0.0060		mg/L	1	11/9/2015 3:16:50 PM	B30106
Cobalt	ND	0.0060		mg/L	1	11/9/2015 3:16:50 PM	B30106
Copper	ND	0.0060		mg/L	1	11/12/2015 3:58:26 PM	A30187
Nickel	ND	0.010		mg/L	1	11/9/2015 3:16:50 PM	B30106
Tin	ND	0.010		mg/L	1	11/12/2015 3:58:26 PM	A30187
Vanadium	ND	0.050		mg/L	1	11/9/2015 3:16:50 PM	B30106
Zinc	ND	0.010		mg/L	1	11/12/2015 3:58:26 PM	A30187
EPA METHOD 245.1: MERCURY						Analyst:	DBD
Mercury	ND	0.00020		mg/L	1	11/6/2015 4:56:12 PM	22226
EPA METHOD 8081: PESTICIDES						Analyst:	JDC
4,4'-DDD	ND	0.050		µg/L	1	11/4/2015 6:34:57 PM	22073
4,4'-DDE	ND	0.050		µg/L	1	11/4/2015 6:34:57 PM	22073
4,4'-DDT	ND	0.050		µg/L	1	11/4/2015 6:34:57 PM	22073
Aldrin	ND	0.050		µg/L	1	11/4/2015 6:34:57 PM	22073
alpha-BHC	ND	0.050		µg/L	1	11/4/2015 6:34:57 PM	22073
beta-BHC	ND	0.050		µg/L	1	11/4/2015 6:34:57 PM	22073
Chlordane	ND	1.0		µg/L	1	11/4/2015 6:34:57 PM	22073
delta-BHC	ND	0.050		µg/L	1	11/4/2015 6:34:57 PM	22073
Dieldrin	ND	0.050		µg/L	1	11/4/2015 6:34:57 PM	22073
Endosulfan I	ND	0.050		µg/L	1	11/4/2015 6:34:57 PM	22073
Endosulfan II	ND	0.050		µg/L	1	11/4/2015 6:34:57 PM	22073
Endosulfan sulfate	ND	0.050		µg/L	1	11/4/2015 6:34:57 PM	22073
Endrin	ND	0.050		µg/L	1	11/4/2015 6:34:57 PM	22073
Endrin aldehyde	ND	0.050		µg/L	1	11/4/2015 6:34:57 PM	22073
gamma-BHC	ND	0.050		µg/L	1	11/4/2015 6:34:57 PM	22073
Heptachlor	ND	0.050		µg/L	1	11/4/2015 6:34:57 PM	22073

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Generating Station
Lab ID: 1510C42-001
Matrix: AQUEOUS
Client Sample ID: PSMW-7R
Collection Date: 10/26/2015 11:25:00 AM
Received Date: 10/26/2015 5:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8081: PESTICIDES						Analyst:	**JDC**
Heptachlor epoxide	ND	0.050		µg/L	1	11/4/2015 6:34:57 PM	22073
Methoxychlor	ND	0.050		µg/L	1	11/4/2015 6:34:57 PM	22073
Toxaphene	ND	1.0		µg/L	1	11/4/2015 6:34:57 PM	22073
Surr: Decachlorobiphenyl	78.6	44-137		%REC	1	11/4/2015 6:34:57 PM	22073
Surr: Tetrachloro-m-xylene	78.6	30.2-127		%REC	1	11/4/2015 6:34:57 PM	22073
EPA METHOD 8082: PCB'S						Analyst:	**SCC**
Aroclor 1016	ND	1.0		µg/L	1	10/30/2015 2:55:48 PM	22074
Aroclor 1221	ND	1.0		µg/L	1	10/30/2015 2:55:48 PM	22074
Aroclor 1232	ND	1.0		µg/L	1	10/30/2015 2:55:48 PM	22074
Aroclor 1242	ND	1.0		µg/L	1	10/30/2015 2:55:48 PM	22074
Aroclor 1248	ND	1.0		µg/L	1	10/30/2015 2:55:48 PM	22074
Aroclor 1254	ND	1.0		µg/L	1	10/30/2015 2:55:48 PM	22074
Aroclor 1260	ND	1.0		µg/L	1	10/30/2015 2:55:48 PM	22074
Surr: Decachlorobiphenyl	66.0	17.7-151		%REC	1	10/30/2015 2:55:48 PM	22074
Surr: Tetrachloro-m-xylene	71.6	20.6-151		%REC	1	10/30/2015 2:55:48 PM	22074

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Generating Station
Lab ID: 1510C42-002
Matrix: AQUEOUS
Client Sample ID: PSMW-37
Collection Date: 10/26/2015 12:25:00 PM
Received Date: 10/26/2015 5:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: AG	
Benzene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Toluene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Ethylbenzene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Naphthalene	ND	2.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
1-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
2-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Acetone	ND	10		µg/L	1	10/29/2015 4:59:58 PM	R29894
Bromobenzene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Bromodichloromethane	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Bromoform	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Bromomethane	ND	3.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
2-Butanone	ND	10		µg/L	1	10/29/2015 4:59:58 PM	R29894
Carbon disulfide	ND	10		µg/L	1	10/29/2015 4:59:58 PM	R29894
Carbon Tetrachloride	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Chlorobenzene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Chloroethane	ND	2.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Chloroform	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Chloromethane	ND	3.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
2-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
4-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
cis-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Dibromochloromethane	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Dibromomethane	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
1,1-Dichloroethane	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
1,1-Dichloroethene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
1,2-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
1,3-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
2,2-Dichloropropane	ND	2.0		µg/L	1	10/29/2015 4:59:58 PM	R29894

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Generating Station
Lab ID: 1510C42-002
Matrix: AQUEOUS
Client Sample ID: PSMW-37
Collection Date: 10/26/2015 12:25:00 PM
Received Date: 10/26/2015 5:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: AG	
1,1-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Hexachlorobutadiene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
2-Hexanone	ND	10		µg/L	1	10/29/2015 4:59:58 PM	R29894
Isopropylbenzene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
4-Isopropyltoluene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
4-Methyl-2-pentanone	ND	10		µg/L	1	10/29/2015 4:59:58 PM	R29894
Methylene Chloride	ND	3.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
n-Butylbenzene	ND	3.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
n-Propylbenzene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
sec-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Styrene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
tert-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
trans-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Trichlorofluoromethane	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Vinyl chloride	ND	1.0		µg/L	1	10/29/2015 4:59:58 PM	R29894
Xylenes, Total	ND	1.5		µg/L	1	10/29/2015 4:59:58 PM	R29894
Surr: 1,2-Dichloroethane-d4	105	70-130		%REC	1	10/29/2015 4:59:58 PM	R29894
Surr: 4-Bromofluorobenzene	102	70-130		%REC	1	10/29/2015 4:59:58 PM	R29894
Surr: Dibromofluoromethane	99.6	70-130		%REC	1	10/29/2015 4:59:58 PM	R29894
Surr: Toluene-d8	96.5	70-130		%REC	1	10/29/2015 4:59:58 PM	R29894

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Generating Station
Lab ID: 1510C42-003
Matrix: AQUEOUS
Client Sample ID: PSMW-13A
Collection Date: 10/26/2015 1:42:00 PM
Received Date: 10/26/2015 5:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 504.1: EDB/DBCP						Analyst:	**KJH**
1,2-Dibromo-3-chloropropane	ND	0.020		µg/L	1	10/28/2015 9:08:13 PM	22055
1,2-Dibromoethane	ND	0.010		µg/L	1	10/28/2015 9:08:13 PM	22055
EPA 200.8: METALS						Analyst:	**JLF**
Antimony	ND	0.0010		mg/L	1	11/16/2015 1:11:53 PM	A30266
Arsenic	ND	0.0050		mg/L	5	11/18/2015 1:52:40 PM	A30317
Selenium	0.017	0.0050		mg/L	5	11/18/2015 1:52:40 PM	A30317
Thallium	ND	0.00050		mg/L	1	11/16/2015 1:11:53 PM	A30266
EPA METHOD 200.7: METALS						Analyst:	**MED**
Barium	0.032	0.0020		mg/L	1	11/9/2015 3:18:50 PM	B30106
Beryllium	ND	0.0020		mg/L	1	11/9/2015 3:18:50 PM	B30106
Cadmium	ND	0.0020		mg/L	1	11/9/2015 3:18:50 PM	B30106
Chromium	ND	0.0060		mg/L	1	11/9/2015 3:18:50 PM	B30106
Cobalt	ND	0.0060		mg/L	1	11/9/2015 3:18:50 PM	B30106
Copper	ND	0.0060		mg/L	1	11/12/2015 4:06:18 PM	A30187
Nickel	ND	0.010		mg/L	1	11/9/2015 3:18:50 PM	B30106
Tin	ND	0.010		mg/L	1	11/12/2015 4:06:18 PM	A30187
Vanadium	ND	0.050		mg/L	1	11/9/2015 3:18:50 PM	B30106
Zinc	ND	0.010		mg/L	1	11/12/2015 4:06:18 PM	A30187
EPA METHOD 245.1: MERCURY						Analyst:	**DBD**
Mercury	ND	0.00020		mg/L	1	11/6/2015 4:58:17 PM	22226
EPA METHOD 8081: PESTICIDES						Analyst:	**JDC**
4,4'-DDD	ND	0.050		µg/L	1	11/4/2015 6:53:15 PM	22073
4,4'-DDE	ND	0.050		µg/L	1	11/4/2015 6:53:15 PM	22073
4,4'-DDT	ND	0.050		µg/L	1	11/4/2015 6:53:15 PM	22073
Aldrin	ND	0.050		µg/L	1	11/4/2015 6:53:15 PM	22073
alpha-BHC	ND	0.050		µg/L	1	11/4/2015 6:53:15 PM	22073
beta-BHC	ND	0.050		µg/L	1	11/4/2015 6:53:15 PM	22073
Chlordane	ND	1.0		µg/L	1	11/4/2015 6:53:15 PM	22073
delta-BHC	ND	0.050		µg/L	1	11/4/2015 6:53:15 PM	22073
Dieldrin	ND	0.050		µg/L	1	11/4/2015 6:53:15 PM	22073
Endosulfan I	ND	0.050		µg/L	1	11/4/2015 6:53:15 PM	22073
Endosulfan II	ND	0.050		µg/L	1	11/4/2015 6:53:15 PM	22073
Endosulfan sulfate	ND	0.050		µg/L	1	11/4/2015 6:53:15 PM	22073
Endrin	ND	0.050		µg/L	1	11/4/2015 6:53:15 PM	22073
Endrin aldehyde	ND	0.050		µg/L	1	11/4/2015 6:53:15 PM	22073
gamma-BHC	ND	0.050		µg/L	1	11/4/2015 6:53:15 PM	22073
Heptachlor	ND	0.050		µg/L	1	11/4/2015 6:53:15 PM	22073

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Generating Station
Lab ID: 1510C42-003 **Matrix:** AQUEOUS

Client Sample ID: PSMW-13A
Collection Date: 10/26/2015 1:42:00 PM
Received Date: 10/26/2015 5:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8081: PESTICIDES						Analyst:	**JDC**
Heptachlor epoxide	ND	0.050		µg/L	1	11/4/2015 6:53:15 PM	22073
Methoxychlor	ND	0.050		µg/L	1	11/4/2015 6:53:15 PM	22073
Toxaphene	ND	1.0		µg/L	1	11/4/2015 6:53:15 PM	22073
Surr: Decachlorobiphenyl	102	44-137		%REC	1	11/4/2015 6:53:15 PM	22073
Surr: Tetrachloro-m-xylene	104	30.2-127		%REC	1	11/4/2015 6:53:15 PM	22073
EPA METHOD 8082: PCB'S						Analyst:	**SCC**
Aroclor 1016	ND	1.0		µg/L	1	10/30/2015 3:41:34 PM	22074
Aroclor 1221	ND	1.0		µg/L	1	10/30/2015 3:41:34 PM	22074
Aroclor 1232	ND	1.0		µg/L	1	10/30/2015 3:41:34 PM	22074
Aroclor 1242	ND	1.0		µg/L	1	10/30/2015 3:41:34 PM	22074
Aroclor 1248	ND	1.0		µg/L	1	10/30/2015 3:41:34 PM	22074
Aroclor 1254	ND	1.0		µg/L	1	10/30/2015 3:41:34 PM	22074
Aroclor 1260	ND	1.0		µg/L	1	10/30/2015 3:41:34 PM	22074
Surr: Decachlorobiphenyl	87.2	17.7-151		%REC	1	10/30/2015 3:41:34 PM	22074
Surr: Tetrachloro-m-xylene	93.2	20.6-151		%REC	1	10/30/2015 3:41:34 PM	22074

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Generating Station
Lab ID: 1510C42-004
Matrix: AQUEOUS
Client Sample ID: Trip Blank
Collection Date:
Received Date: 10/26/2015 5:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: AG	
Benzene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Toluene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Ethylbenzene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Naphthalene	ND	2.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
1-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
2-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Acetone	ND	10		µg/L	1	10/29/2015 5:28:54 PM	R29894
Bromobenzene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Bromodichloromethane	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Bromoform	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Bromomethane	ND	3.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
2-Butanone	ND	10		µg/L	1	10/29/2015 5:28:54 PM	R29894
Carbon disulfide	ND	10		µg/L	1	10/29/2015 5:28:54 PM	R29894
Carbon Tetrachloride	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Chlorobenzene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Chloroethane	ND	2.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Chloroform	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Chloromethane	ND	3.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
2-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
4-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
cis-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Dibromochloromethane	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Dibromomethane	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
1,1-Dichloroethane	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
1,1-Dichloroethene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
1,2-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
1,3-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
2,2-Dichloropropane	ND	2.0		µg/L	1	10/29/2015 5:28:54 PM	R29894

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Generating Station
Lab ID: 1510C42-004
Matrix: AQUEOUS
Client Sample ID: Trip Blank
Collection Date:
Received Date: 10/26/2015 5:00:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: AG	
1,1-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Hexachlorobutadiene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
2-Hexanone	ND	10		µg/L	1	10/29/2015 5:28:54 PM	R29894
Isopropylbenzene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
4-Isopropyltoluene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
4-Methyl-2-pentanone	ND	10		µg/L	1	10/29/2015 5:28:54 PM	R29894
Methylene Chloride	ND	3.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
n-Butylbenzene	ND	3.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
n-Propylbenzene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
sec-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Styrene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
tert-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
trans-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Trichlorofluoromethane	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Vinyl chloride	ND	1.0		µg/L	1	10/29/2015 5:28:54 PM	R29894
Xylenes, Total	ND	1.5		µg/L	1	10/29/2015 5:28:54 PM	R29894
Surr: 1,2-Dichloroethane-d4	99.3	70-130		%REC	1	10/29/2015 5:28:54 PM	R29894
Surr: 4-Bromofluorobenzene	104	70-130		%REC	1	10/29/2015 5:28:54 PM	R29894
Surr: Dibromofluoromethane	99.7	70-130		%REC	1	10/29/2015 5:28:54 PM	R29894
Surr: Toluene-d8	91.3	70-130		%REC	1	10/29/2015 5:28:54 PM	R29894

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151028029
Project Name: 1510C42

Analytical Results Report

Sample Number	151028029-001	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-001A / PSMW-7R	**Sampling Time**	11:25 AM		
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Acetonitrile	ND	ug/L	10	11/2/2015	SAT	EPA 8260C	
Acrolein	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
Allyl Chloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroprene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Ethyl methacrylate	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Iodomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Isobutanol	ND	ug/L	10	11/2/2015	SAT	EPA 8260C	
Methacrylonitrile	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
Methyl Methacrylate	ND	ug/L	1	11/2/2015	SAT	EPA 8260C	
Propionitrile	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
trans-1-4-Dichloro-2-butene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Vinyl acetate	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,1-Trichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,2-Trichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-Dichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-Dichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,3-Trichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,3-Trichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,4-Trichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,4-Trimethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dibromoethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3,5-Trimethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,4-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
2,2-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
2-Chlorotoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
2-hexanone	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	

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Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151028029
Project Name: 1510C42

Analytical Results Report

Sample Number	151028029-001	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-001A / PSMW-7R	**Sampling Time**	11:25 AM		
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
4-Chlorotoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Acetone	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
Acrylonitrile	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Benzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromochloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromodichloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromoform	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Carbon disulfide	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Carbon Tetrachloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroform	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
cis-1,2-dichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
cis-1,3-Dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dibromochloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dibromomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dichlorodifluoromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Ethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Hexachlorobutadiene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Isopropylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
m+p-Xylene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
Methylene chloride	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Naphthalene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
n-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
n-Propylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
o-Xylene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
p-Isopropyltoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
sec-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Styrene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
tert-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Tetrachloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151028029
Project Name: 1510C42

Analytical Results Report

Sample Number	151028029-001	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-001A / PSMW-7R	**Sampling Time**	11:25 AM		
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Toluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
trans-1,2-Dichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
trans-1,3-Dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Trichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Trichloroflouromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Vinyl Chloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	

Surrogate Data

Sample Number 151028029-001

Surrogate Standard	Method	Percent Recovery	Control Limits
1,2-Dichlorobenzene-d4	EPA 8260C	92.0	70-130
4-Bromofluorobenzene	EPA 8260C	98.8	70-130
Toluene-d8	EPA 8260C	99.6	70-130

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Batch #: 151028029
Project Name: 1510C42

Analytical Results Report

Sample Number	151028029-006	**Sampling Date**	10/26/2015	**Date/Time Received**	10/29/2015 12:00 PM
Client Sample ID	1510C42-003A / PSMW-13A	**Sampling Time**	1:42 PM		
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Acetonitrile	ND	ug/L	10	11/2/2015	SAT	EPA 8260C	
Acrolein	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
Allyl Chloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroprene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Ethyl methacrylate	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Iodomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Isobutanol	ND	ug/L	10	11/2/2015	SAT	EPA 8260C	
Methacrylonitrile	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
Methyl Methacrylate	ND	ug/L	1	11/2/2015	SAT	EPA 8260C	
Propionitrile	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
trans-1-4-Dichloro-2-butene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Vinyl acetate	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,1-Trichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,2-Trichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-Dichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-Dichloroethene	2.17	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,3-Trichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,3-Trichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,4-Trichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,4-Trimethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dibromoethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3,5-Trimethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,4-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
2,2-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
2-Chlorotoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
2-hexanone	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
4-Chlorotoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Acetone	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151028029
Project Name: 1510C42

Analytical Results Report

Sample Number	151028029-006	**Sampling Date**	10/26/2015	**Date/Time Received**	10/29/2015 12:00 PM
Client Sample ID	1510C42-003A / PSMW-13A	**Sampling Time**	1:42 PM		
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Acrylonitrile	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Benzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromochloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromodichloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromoform	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Carbon disulfide	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Carbon Tetrachloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroform	1.17	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
cis-1,2-dichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
cis-1,3-Dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dibromochloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dibromomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dichlorodifluoromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Ethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Hexachlorobutadiene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Isopropylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
m+p-Xylene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
Methylene chloride	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Naphthalene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
n-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
n-Propylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
o-Xylene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
p-isopropyltoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
sec-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Styrene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
tert-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Tetrachloroethene	3.26	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Toluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
trans-1,2-Dichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Address: 4901 HAWKINS NE SUITE D
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Attn: ANDY FREEMAN

Batch #: 151028029
Project Name: 1510C42

Analytical Results Report

Sample Number	151028029-006	**Sampling Date**	10/26/2015	**Date/Time Received**	10/29/2015 12:00 PM
Client Sample ID	1510C42-003A / PSMW-13A	**Sampling Time**	1:42 PM		
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Trichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Trichloroflouromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Vinyl Chloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	

Surrogate Data

Sample Number 151028029-006

Surrogate Standard	Method	Percent Recovery	Control Limits
1,2-Dichlorobenzene-d4	EPA 8260C	90.0	70-130
4-Bromofluorobenzene	EPA 8260C	96.0	70-130
Toluene-d8	EPA 8260C	100.0	70-130

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151028029
Project Name: 1510C42

Analytical Results Report

Sample Number 151028029-011
Client Sample ID 1510C42-004B / TRIP BLANK
Matrix Water
Comments

Sampling Date 10/26/2015
Sampling Time
Sample Location

Date/Time Received 10/28/2015 11:15 AM

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Acetonitrile	ND	ug/L	10	11/2/2015	SAT	EPA 8260C	
Acrolein	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
Allyl Chloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroprene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Ethyl methacrylate	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Iodomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Isobutanol	ND	ug/L	10	11/2/2015	SAT	EPA 8260C	
Methacrylonitrile	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
Methyl Methacrylate	ND	ug/L	1	11/2/2015	SAT	EPA 8260C	
Propionitrile	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
trans-1-4-Dichloro-2-butene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Vinyl acetate	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,1-Trichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,2-Trichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-Dichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-Dichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,3-Trichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,3-Trichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,4-Trichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,4-Trimethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dibromoethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3,5-Trimethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,4-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
2,2-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
2-Chlorotoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
2-hexanone	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
4-Chlorotoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Acetone	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	

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Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151028029
Project Name: 1510C42

Analytical Results Report

Sample Number	151028029-011	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-004B / TRIP BLANK	**Sampling Time**			
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Acrylonitrile	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Benzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromochloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromodichloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromoform	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Carbon disulfide	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Carbon Tetrachloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroform	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
cis-1,2-dichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
cis-1,3-Dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dibromochloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dibromomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dichlorodifluoromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Ethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Hexachlorobutadiene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Isopropylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
m+p-Xylene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
Methylene chloride	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Naphthalene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
n-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
n-Propylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
o-Xylene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
p-isopropyltoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
sec-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Styrene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
tert-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Tetrachloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Toluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
trans-1,2-Dichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	

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ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151028029
Project Name: 1510C42

Analytical Results Report

Sample Number	151028029-011	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-004B / TRIP BLANK	**Sampling Time**			
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
trans-1,3-Dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Trichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Trichloroflouromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Vinyl Chloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	

Surrogate Data

Sample Number 151028029-011

Surrogate Standard	Method	Percent Recovery	Control Limits
1,2-Dichlorobenzene-d4	EPA 8260C	91.2	70-130
4-Bromofluorobenzene	EPA 8260C	93.6	70-130
Toluene-d8	EPA 8260C	98.8	70-130

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Batch #: 151028029
Project Name: 1510C42

Analytical Results Report
Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Trichloroethene	10.2	ug/L	10	102.0	80-120	11/2/2015	11/2/2015
Toluene	9.65	ug/L	10	96.5	80-120	11/2/2015	11/2/2015
Tetrachloroethene	9.94	ug/L	10	99.4	80-120	11/2/2015	11/2/2015
o-Xylene	10.5	ug/L	10	105.0	80-120	11/2/2015	11/2/2015
Ethylbenzene	9.69	ug/L	10	96.9	80-120	11/2/2015	11/2/2015
Chlorobenzene	9.47	ug/L	10	94.7	80-120	11/2/2015	11/2/2015
Benzene	9.21	ug/L	10	92.1	80-120	11/2/2015	11/2/2015
1,1-Dichloroethene	10.2	ug/L	10	102.0	80-120	11/2/2015	11/2/2015

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
151028029-001	Trichloroethene	ND	9.86	ug/L	10	98.6	70-130	11/2/2015	11/2/2015
151028029-001	Toluene	ND	9.60	ug/L	10	96.0	70-130	11/2/2015	11/2/2015
151028029-001	Tetrachloroethene	ND	10.5	ug/L	10	105.0	70-130	11/2/2015	11/2/2015
151028029-001	o-Xylene	ND	10.1	ug/L	10	101.0	70-130	11/2/2015	11/2/2015
151028029-001	Ethylbenzene	ND	9.38	ug/L	10	93.8	70-130	11/2/2015	11/2/2015
151028029-001	Chlorobenzene	ND	9.62	ug/L	10	96.2	70-130	11/2/2015	11/2/2015
151028029-001	Benzene	ND	8.97	ug/L	10	89.7	70-130	11/2/2015	11/2/2015
151028029-001	1,1-Dichloroethene	ND	8.35	ug/L	10	83.5	70-130	11/2/2015	11/2/2015

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Trichloroethene	9.44	ug/L	10	94.4	4.4	0-25	11/2/2015	11/2/2015
Toluene	9.34	ug/L	10	93.4	2.7	0-25	11/2/2015	11/2/2015
Tetrachloroethene	10.4	ug/L	10	104.0	1.0	0-25	11/2/2015	11/2/2015
o-Xylene	9.90	ug/L	10	99.0	2.0	0-25	11/2/2015	11/2/2015
Ethylbenzene	9.19	ug/L	10	91.9	2.0	0-25	11/2/2015	11/2/2015
Chlorobenzene	9.33	ug/L	10	93.3	3.1	0-25	11/2/2015	11/2/2015
Benzene	8.75	ug/L	10	87.5	2.5	0-25	11/2/2015	11/2/2015
1,1-Dichloroethene	8.16	ug/L	10	81.6	2.3	0-25	11/2/2015	11/2/2015

Comments:

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Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Batch #: 151028029
Project Name: 1510C42

Analytical Results Report
Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	11/2/2015	11/2/2015
1,1,1-Trichloroethane	ND	ug/L	0.5	11/2/2015	11/2/2015
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	11/2/2015	11/2/2015
1,1,2-Trichloroethane	ND	ug/L	0.5	11/2/2015	11/2/2015
1,1-Dichloroethane	ND	ug/L	0.5	11/2/2015	11/2/2015
1,1-Dichloroethene	ND	ug/L	0.5	11/2/2015	11/2/2015
1,1-dichloropropene	ND	ug/L	0.5	11/2/2015	11/2/2015
1,2,3-Trichlorobenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
1,2,3-Trichloropropane	ND	ug/L	0.5	11/2/2015	11/2/2015
1,2,4-Trichlorobenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
1,2,4-Trimethylbenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
1,2-Dibromo-3-chloropropane(DBCP)	ND	ug/L	0.5	11/2/2015	11/2/2015
1,2-Dibromoethane	ND	ug/L	0.5	11/2/2015	11/2/2015
1,2-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
1,2-Dichloroethane	ND	ug/L	0.5	11/2/2015	11/2/2015
1,2-Dichloropropane	ND	ug/L	0.5	11/2/2015	11/2/2015
1,3,5-Trimethylbenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
1,3-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
1,3-Dichloropropane	ND	ug/L	0.5	11/2/2015	11/2/2015
1,4-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
2,2-Dichloropropane	ND	ug/L	0.5	11/2/2015	11/2/2015
2-Chlorotoluene	ND	ug/L	0.5	11/2/2015	11/2/2015
2-hexanone	ND	ug/L	2.5	11/2/2015	11/2/2015
4-Chlorotoluene	ND	ug/L	0.5	11/2/2015	11/2/2015
Acetone	ND	ug/L	2.5	11/2/2015	11/2/2015
Acrylonitrile	ND	ug/L	0.5	11/2/2015	11/2/2015
Benzene	ND	ug/L	0.5	11/2/2015	11/2/2015
Bromobenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
Bromochloromethane	ND	ug/L	0.5	11/2/2015	11/2/2015
Bromodichloromethane	ND	ug/L	0.5	11/2/2015	11/2/2015
Bromoform	ND	ug/L	0.5	11/2/2015	11/2/2015
Bromomethane	ND	ug/L	0.5	11/2/2015	11/2/2015
Carbon disulfide	ND	ug/L	0.5	11/2/2015	11/2/2015
Carbon Tetrachloride	ND	ug/L	0.5	11/2/2015	11/2/2015
Chlorobenzene	ND	ug/L	0.5	11/2/2015	11/2/2015

Comments:

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Batch #: 151028029
Project Name: 1510C42

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Chloroethane	ND	ug/L	0.5	11/2/2015	11/2/2015
Chloroform	ND	ug/L	0.5	11/2/2015	11/2/2015
Chloromethane	ND	ug/L	0.5	11/2/2015	11/2/2015
cis-1,2-dichloroethene	ND	ug/L	0.5	11/2/2015	11/2/2015
cis-1,3-Dichloropropene	ND	ug/L	0.5	11/2/2015	11/2/2015
Dibromochloromethane	ND	ug/L	0.5	11/2/2015	11/2/2015
Dibromomethane	ND	ug/L	0.5	11/2/2015	11/2/2015
Dichlorodifluoromethane	ND	ug/L	0.5	11/2/2015	11/2/2015
Ethylbenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
Hexachlorobutadiene	ND	ug/L	0.5	11/2/2015	11/2/2015
Isopropylbenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
m+p-Xylene	ND	ug/L	0.5	11/2/2015	11/2/2015
Methyl ethyl ketone (MEK)	ND	ug/L	2.5	11/2/2015	11/2/2015
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.5	11/2/2015	11/2/2015
Methylene chloride	ND	ug/L	2.5	11/2/2015	11/2/2015
methyl-t-butyl ether (MTBE)	ND	ug/L	0.5	11/2/2015	11/2/2015
Naphthalene	ND	ug/L	0.5	11/2/2015	11/2/2015
n-Butylbenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
n-Propylbenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
o-Xylene	ND	ug/L	0.5	11/2/2015	11/2/2015
p-Isopropyltoluene	ND	ug/L	0.5	11/2/2015	11/2/2015
sec-Butylbenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
Styrene	ND	ug/L	0.5	11/2/2015	11/2/2015
tert-Butylbenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
Tetrachloroethene	ND	ug/L	0.5	11/2/2015	11/2/2015
Toluene	ND	ug/L	0.5	11/2/2015	11/2/2015
trans-1,2-Dichloroethene	ND	ug/L	0.5	11/2/2015	11/2/2015
trans-1,3-Dichloropropene	ND	ug/L	0.5	11/2/2015	11/2/2015
Trichloroethene	ND	ug/L	0.5	11/2/2015	11/2/2015
Trichloroflouromethane	ND	ug/L	0.5	11/2/2015	11/2/2015
Vinyl Chloride	ND	ug/L	0.5	11/2/2015	11/2/2015

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151028029
Project Name: 1510C42

Analytical Results Report

Sample Number	151028029-002	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-001F / PSMW-7R	**Sampling Time**	11:25 AM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
1,2,4,5-Tetrachlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,2,4-Trichlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,2-Dichlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,2-Diphenyl hydrazine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,3,5-TNB	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,3-Dichlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,3-DNB	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,4-Dichlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,4-Dioxane	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,4-Naphthoquinone	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1-Naphthylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,2-Oxybis(1-chloropropane)	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,3,4,6-Tetrachlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,3,5,6-Tetrachlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4,5-Trichlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4,6-Trichlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4-Dichlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4-Dimethylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4-Dinitrophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4-Dinitrotoluene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,6-Dichlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,6-Dinitrotoluene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Acetylaminofluorene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

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Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Batch #: 151028029
Project Name: 1510C42

Analytical Results Report

Sample Number	151028029-002	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-001F / PSMW-7R	**Sampling Time**	11:25 AM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
2-Chloronaphthalene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Chlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Methylnaphthalene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Methylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Naphthylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Nitroaniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Nitrophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Picoline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3,3'-Dichlorobenzidine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3,3-Dimethylbenzidine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3+4-Methylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3-Methylcholanthrene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3-Nitroaniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4,6-Dinitro-2-methylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Aminobiphenyl	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Bromophenyl-phenylether	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Chloro-3-methylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Chloroaniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Chlorophenyl-phenylether	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Nitroaniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Nitrophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Nitroquinoline-1-oxide	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
5-Nitro-o-toluidine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

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Analytical Results Report

Sample Number	151028029-002	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-001F / PSMW-7R	**Sampling Time**	11:25 AM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
a,a-Dimethylphenethylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Acenaphthene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Acenaphthylene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Acetophenone	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Aniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Anthracene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Aramite	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Benzo(ghi)perylene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Benzo[a]anthracene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Benzo[a]pyrene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Benzo[b]fluoranthene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Benzo[k]fluoranthene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Benzyl alcohol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
bis(2-Chloroethoxy)methane	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
bis(2-Chloroethyl)ether	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
bis(2-chloroisopropyl)ether	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
bis(2-Ethylhexyl)phthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Butylbenzylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Carbazole	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Chlorobenzilate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Chrysene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Diallate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Dibenz[a,h]anthracene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Dibenzofuran	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

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Analytical Results Report

Sample Number	151028029-002	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-001F / PSMW-7R	**Sampling Time**	11:25 AM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
Diethylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Dimethoate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Dimethylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Di-n-butylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Di-n-octylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
diphenylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Disulfoton	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Ethyl methanesulfonate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Ethyl parathion	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Famphur	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Fluoranthene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Fluorene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachlorobenzene	ND	ug/L	0.1	1	10/30/2015	HSW	EPA 8270D	
Hexachlorobutadiene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachlorocyclopentadiene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachloroethane	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachloropropene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachorophene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Indeno[1,2,3-cd]pyrene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Isodrin	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Isophorone	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Isosafrole	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Kepone	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Methapyrilene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Analytical Results Report

Sample Number	151028029-002	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-001F / PSMW-7R	**Sampling Time**	11:25 AM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
Methyl methanesulfonate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Methyl parathion	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Naphthalene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Nitrobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Nitrosodimethylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-nitrosodibutylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitrosodiethylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitroso-di-n-propylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitrosodiphenylamine	ND	ug/L	1	2	10/30/2015	HSW	EPA 8270D	
n-Nitrosomethylethylamine	ND	ug/L	1	2	10/30/2015	HSW	EPA 8270D	
n-Nitrosomorpholine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitrosopiperadine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitrosopyrrolidine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
o,o,o-Triethyl phosphorothioate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
o-Toluidine	ND	ug/L	1	2	10/30/2015	HSW	EPA 8270D	
p-(Dimethylamino)azobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pentachlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pentachloroethane	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pentachloronitrobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pentachlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Phenacetin	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Phenanthrene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Phenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Phorate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

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Analytical Results Report

Sample Number	151028029-002	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-001F / PSMW-7R	**Sampling Time**	11:25 AM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
p-Phenylenediamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pronamide	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pyrene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pyridine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Safrole	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Sulfotep	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Thionazin	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

Surrogate Data

Sample Number 151028029-002

Surrogate Standard	Method	Percent Recovery	Control Limits
2,4,6-Tribromophenol	EPA 8270D	89.4	10-123
2-Fluorobiphenyl	EPA 8270D	88.0	19-130
2-Fluorophenol	EPA 8270D	85.6	21-120
Nitrobenzene-d5	EPA 8270D	92.4	25-130
Phenol-d5	EPA 8270D	110.6	10-130
Terphenyl-d14	EPA 8270D	96.8	21-141

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Batch #: 151028029
Project Name: 1510C42

Analytical Results Report

Sample Number	151028029-007	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-003F / PSMW-13A	**Sampling Time**	1:42 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
1,2,4,5-Tetrachlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,2,4-Trichlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,2-Dichlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,2-Diphenyl hydrazine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,3,5-TNB	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,3-Dichlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,3-DNB	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,4-Dichlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,4-Dioxane	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,4-Naphthoquinone	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1-Naphthylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,2-Oxybis(1-chloropropane)	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,3,4,6-Tetrachlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,3,5,6-Tetrachlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4,5-Trichlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4,6-Trichlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4-Dichlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4-Dimethylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4-Dinitrophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4-Dinitrotoluene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,6-Dichlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,6-Dinitrotoluene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Acetylaminofluorene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Chloronaphthalene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151028029
Project Name: 1510C42

Analytical Results Report

Sample Number	151028029-007	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-003F / PSMW-13A	**Sampling Time**	1:42 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
2-Chlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Methylnaphthalene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Methylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Naphthylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Nitroaniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Nitrophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Picoline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3,3'-Dichlorobenzidine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3,3-Dimethylbenzidine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3+4-Methylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3-Methylcholanthrene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3-Nitroaniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4,6-Dinitro-2-methylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Aminobiphenyl	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Bromophenyl-phenylether	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Chloro-3-methylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Chloroaniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Chlorophenyl-phenylether	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Nitroaniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Nitrophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Nitroquinoline-1-oxide	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
5-Nitro-o-toluidine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
a,a-Dimethylphenethylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

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Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Batch #: 151028029
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Analytical Results Report

Sample Number	151028029-007	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-003F / PSMW-13A	**Sampling Time**	1:42 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
Acenaphthene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Acenaphthylene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Acetophenone	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Aniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Anthracene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Aramite	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Benzo(ghi)perylene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Benzo[a]anthracene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Benzo[a]pyrene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Benzo[b]fluoranthene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Benzo[k]fluoranthene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Benzyl alcohol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
bis(2-Chloroethoxy)methane	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
bis(2-Chloroethyl)ether	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
bis(2-chloroisopropyl)ether	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
bis(2-Ethylhexyl)phthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Butylbenzylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Carbazole	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Chlorobenzilate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Chrysene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Diallate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Dibenz[a,h]anthracene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Dibenzofuran	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Diethylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	151028029
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	1510C42
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	151028029-007	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-003F / PSMW-13A	**Sampling Time**	1:42 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
Dimethoate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Dimethylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Di-n-butylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Di-n-octylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
diphenylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Disulfoton	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Ethyl methanesulfonate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Ethyl parathion	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Famphur	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Fluoranthene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Fluorene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachlorobenzene	ND	ug/L	0.1	1	10/30/2015	HSW	EPA 8270D	
Hexachlorobutadiene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachlorocyclopentadiene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachloroethane	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachloropropene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachorophene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Indeno[1,2,3-cd]pyrene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Isodrin	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Isophorone	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Isosafrole	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Kepone	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Methapyrilene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Methyl methanesulfonate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

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Client Sample ID	1510C42-003F / PSMW-13A	**Sampling Time**	1:42 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
Methyl parathion	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Naphthalene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Nitrobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Nitrosodimethylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-nitrosodibutylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitrosodiethylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitroso-di-n-propylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitrosodiphenylamine	ND	ug/L	1	2	10/30/2015	HSW	EPA 8270D	
n-Nitrosomethylethylamine	ND	ug/L	1	2	10/30/2015	HSW	EPA 8270D	
n-Nitrosomorpholine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitrosopiperadine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitrosopyrrolidine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
o,o,o-Triethyl phosphorothioate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
o-Toluidine	ND	ug/L	1	2	10/30/2015	HSW	EPA 8270D	
p-(Dimethylamino)azobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pentachlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pentachloroethane	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pentachloronitrobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pentachlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Phenacetin	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Phenanthrene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Phenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Phorate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
p-Phenylenediamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client Sample ID	1510C42-003F / PSMW-13A	**Sampling Time**	1:42 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
Pronamide	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pyrene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pyridine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Safrole	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Sulfotep	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Thionazin	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

Surrogate Data

Sample Number 151028029-007

Surrogate Standard	Method	Percent Recovery	Control Limits
2,4,6-Tribromophenol	EPA 8270D	91.8	10-123
2-Fluorobiphenyl	EPA 8270D	88.0	19-130
2-Fluorophenol	EPA 8270D	83.0	21-120
Nitrobenzene-d5	EPA 8270D	90.4	25-130
Phenol-d5	EPA 8270D	100.6	10-130
Terphenyl-d14	EPA 8270D	92.8	21-141

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

This report shall not be reproduced except in full, without the written approval of the laboratory.
The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Batch #: 151028029
Project Name: 1510C42

Analytical Results Report
Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Pyrene	4.11	ug/L	5	82.2	45-138	10/30/2015	10/30/2015
Phenol	4.12	ug/L	5	82.4	45-134	10/30/2015	10/30/2015
Pentachlorophenol	3.67	ug/L	5	73.4	22-138	10/30/2015	10/30/2015
n-Nitroso-di-n-propylamine	4.39	ug/L	5	87.8	46-140	10/30/2015	10/30/2015
Methyl parathion	4.44	ug/L	5	88.8	70-135	10/30/2015	10/30/2015
Ethyl parathion	4.12	ug/L	5	82.4	70-135	10/30/2015	10/30/2015
Disulfoton	5.08	ug/L	5	101.6	70-135	10/30/2015	10/30/2015
bis(2-Ethylhexyl)phthalate	5.46	ug/L	5	109.2	43-142	10/30/2015	10/30/2015
Acenaphthene	4.81	ug/L	5	96.2	36-122	10/30/2015	10/30/2015
4-Nitrophenol	2.84	ug/L	5	56.8	19-137	10/30/2015	10/30/2015
4-Chloro-3-methylphenol	4.34	ug/L	5	86.8	42-139	10/30/2015	10/30/2015
2-Chlorophenol	4.19	ug/L	5	83.8	50-131	10/30/2015	10/30/2015
2,4-Dinitrotoluene	4.45	ug/L	5	89.0	49-134	10/30/2015	10/30/2015
1,4-Dichlorobenzene	3.45	ug/L	5	69.0	28-108	10/30/2015	10/30/2015
1,2,4-Trichlorobenzene	3.71	ug/L	5	74.2	33-109	10/30/2015	10/30/2015

Lab Control Sample Duplicate

Parameter	LCSD Result	Units	LCSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Pyrene	4.17	ug/L	5	83.4	1.4	0-36	10/30/2015	10/30/2015
Phenol	4.09	ug/L	5	81.8	0.7	0-35	10/30/2015	10/30/2015
Pentachlorophenol	4.17	ug/L	5	83.4	12.8	0-47	10/30/2015	10/30/2015
n-Nitroso-di-n-propylamine	4.40	ug/L	5	88.0	0.2	0-38	10/30/2015	10/30/2015
Methyl parathion	4.81	ug/L	5	96.2	8.0	0-50	10/30/2015	10/30/2015
Ethyl parathion	4.35	ug/L	5	87.0	5.4	0-50	10/30/2015	10/30/2015
Disulfoton	5.34	ug/L	5	106.8	5.0	0-50	10/30/2015	10/30/2015
bis(2-Ethylhexyl)phthalate	5.64	ug/L	5	112.8	3.2	0-50	10/30/2015	10/30/2015
Acenaphthene	4.86	ug/L	5	97.2	1.0	0-23	10/30/2015	10/30/2015
4-Nitrophenol	3.29	ug/L	5	65.8	14.7	0-50	10/30/2015	10/30/2015
4-Chloro-3-methylphenol	4.53	ug/L	5	90.6	4.3	0-33	10/30/2015	10/30/2015
2-Chlorophenol	4.14	ug/L	5	82.8	1.2	0-50	10/30/2015	10/30/2015
2,4-Dinitrotoluene	4.58	ug/L	5	91.6	2.9	0-47	10/30/2015	10/30/2015
1,4-Dichlorobenzene	3.10	ug/L	5	62.0	10.7	0-27	10/30/2015	10/30/2015

Comments:

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Analytical Results Report

Quality Control Data

Lab Control Sample Duplicate

Parameter	LCSD Result	Units	LCSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
1,2,4-Trichlorobenzene	3.57	ug/L	5	71.4	3.8	0-27	10/30/2015	10/30/2015

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
151028029-002A	Pyrene	ND	4.40	ug/L	5	88.0	41-133	10/30/2015	10/30/2015
151028029-002A	Phenol	ND	4.18	ug/L	5	83.6	42-134	10/30/2015	10/30/2015
151028029-002A	Pentachlorophenol	ND	3.58	ug/L	5	71.6	27-148	10/30/2015	10/30/2015
151028029-002A	n-Nitroso-di-n-propylamine	ND	4.49	ug/L	5	89.8	51-144	10/30/2015	10/30/2015
151028029-002A	bis(2-Ethylhexyl)phthalate	ND	5.81	ug/L	5	116.2	30-180	10/30/2015	10/30/2015
151028029-002A	Acenaphthene	ND	4.92	ug/L	5	98.4	56-120	10/30/2015	10/30/2015
151028029-002A	4-Nitrophenol	ND	2.30	ug/L	5	46.0	20-160	10/30/2015	10/30/2015
151028029-002A	4-Chloro-3-methylphenol	ND	4.35	ug/L	5	87.0	40-151	10/30/2015	10/30/2015
151028029-002A	2-Chlorophenol	ND	4.07	ug/L	5	81.4	53-120	10/30/2015	10/30/2015
151028029-002A	2,4-Dinitrotoluene	ND	4.50	ug/L	5	90.0	49-130	10/30/2015	10/30/2015
151028029-002A	1,4-Dichlorobenzene	ND	3.38	ug/L	5	67.6	46-110	10/30/2015	10/30/2015
151028029-002A	1,2,4-Trichlorobenzene	ND	3.60	ug/L	5	72.0	42-115	10/30/2015	10/30/2015
151028029-002A	Methyl parathion	ND	4.33	ug/L	5	86.6	70-135	10/30/2015	10/30/2015
151028029-002A	Ethyl parathion	ND	3.90	ug/L	5	78.0	70-135	10/30/2015	10/30/2015
151028029-002A	Disulfoton	ND	5.18	ug/L	5	103.6	70-135	10/30/2015	10/30/2015

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
1,2,4,5-Tetrachlorobenzene	ND	ug/L	5	10/30/2015	10/30/2015
1,2,4-Trichlorobenzene	ND	ug/L	5	10/30/2015	10/30/2015
1,2-Dichlorobenzene	ND	ug/L	5	10/30/2015	10/30/2015
1,2-Diphenyl hydrazine	ND	ug/L	5	10/30/2015	10/30/2015
1,3,5-TNB	ND	ug/L	5	10/30/2015	10/30/2015
1,3-Dichlorobenzene	ND	ug/L	5	10/30/2015	10/30/2015
1,3-DNB	ND	ug/L	5	10/30/2015	10/30/2015
1,4-Dichlorobenzene	ND	ug/L	5	10/30/2015	10/30/2015
1,4-Dioxane	ND	ug/L	5	10/30/2015	10/30/2015
1,4-Naphthoquinone	ND	ug/L	5	10/30/2015	10/30/2015

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151028029
Project Name: 1510C42

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
1-Naphthylamine	ND	ug/L	5	10/30/2015	10/30/2015
2,2-Oxybis(1-chloropropane)	ND	ug/L	5	10/30/2015	10/30/2015
2,3,4,6-Tetrachlorophenol	ND	ug/L	5	10/30/2015	10/30/2015
2,3,5,6-Tetrachlorophenol	ND	ug/L	5	10/30/2015	10/30/2015
2,4,5-Trichlorophenol	ND	ug/L	5	10/30/2015	10/30/2015
2,4,6-Trichlorophenol	ND	ug/L	5	10/30/2015	10/30/2015
2,4-Dichlorophenol	ND	ug/L	5	10/30/2015	10/30/2015
2,4-Dimethylphenol	ND	ug/L	5	10/30/2015	10/30/2015
2,4-Dinitrophenol	ND	ug/L	5	10/30/2015	10/30/2015
2,4-Dinitrotoluene	ND	ug/L	5	10/30/2015	10/30/2015
2,6-Dichlorophenol	ND	ug/L	5	10/30/2015	10/30/2015
2,6-Dinitrotoluene	ND	ug/L	5	10/30/2015	10/30/2015
2-Acetylaminofluorene	ND	ug/L	5	10/30/2015	10/30/2015
2-Chloronaphthalene	ND	ug/L	5	10/30/2015	10/30/2015
2-Chlorophenol	ND	ug/L	5	10/30/2015	10/30/2015
2-Methylnaphthalene	ND	ug/L	5	10/30/2015	10/30/2015
2-Methylphenol	ND	ug/L	5	10/30/2015	10/30/2015
2-Naphthylamine	ND	ug/L	5	10/30/2015	10/30/2015
2-Nitroaniline	ND	ug/L	5	10/30/2015	10/30/2015
2-Nitrophenol	ND	ug/L	5	10/30/2015	10/30/2015
2-Picoline	ND	ug/L	5	10/30/2015	10/30/2015
3,3'-Dichlorobenzidine	ND	ug/L	5	10/30/2015	10/30/2015
3,3-Dimethylbenzidine	ND	ug/L	5	10/30/2015	10/30/2015
3+4-Methylphenol	ND	ug/L	5	10/30/2015	10/30/2015
3-Methylcholanthrene	ND	ug/L	5	10/30/2015	10/30/2015
3-Nitroaniline	ND	ug/L	5	10/30/2015	10/30/2015
4,6-Dinitro-2-methylphenol	ND	ug/L	5	10/30/2015	10/30/2015
4-Aminobiphenyl	ND	ug/L	5	10/30/2015	10/30/2015
4-Bromophenyl-phenylether	ND	ug/L	5	10/30/2015	10/30/2015
4-Chloro-3-methylphenol	ND	ug/L	5	10/30/2015	10/30/2015
4-Chloroaniline	ND	ug/L	5	10/30/2015	10/30/2015
4-Chlorophenyl-phenylether	ND	ug/L	5	10/30/2015	10/30/2015
4-Nitroaniline	ND	ug/L	5	10/30/2015	10/30/2015
4-Nitrophenol	ND	ug/L	5	10/30/2015	10/30/2015
4-Nitroquinoline-1-oxide	ND	ug/L	5	10/30/2015	10/30/2015

Comments:

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Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151028029
Project Name: 1510C42

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
5-Nitro-o-toluidine	ND	ug/L	5	10/30/2015	10/30/2015
7,12-Dimethylbenz(a)anthracene	ND	ug/L	5	10/30/2015	10/30/2015
a,a-Dimethylphenethylamine	ND	ug/L	5	10/30/2015	10/30/2015
Acenaphthene	ND	ug/L	5	10/30/2015	10/30/2015
Acenaphthylene	ND	ug/L	5	10/30/2015	10/30/2015
Acetophenone	ND	ug/L	5	10/30/2015	10/30/2015
Aniline	ND	ug/L	5	10/30/2015	10/30/2015
Anthracene	ND	ug/L	5	10/30/2015	10/30/2015
Aramite	ND	ug/L	5	10/30/2015	10/30/2015
Benzo(ghi)perylene	ND	ug/L	5	10/30/2015	10/30/2015
Benzo[a]anthracene	ND	ug/L	0.1	10/30/2015	10/30/2015
Benzo[a]pyrene	ND	ug/L	0.1	10/30/2015	10/30/2015
Benzo[b]fluoranthene	ND	ug/L	0.1	10/30/2015	10/30/2015
Benzo[k]fluoranthene	ND	ug/L	0.1	10/30/2015	10/30/2015
Benzyl alcohol	ND	ug/L	5	10/30/2015	10/30/2015
bis(2-Chloroethoxy)methane	ND	ug/L	5	10/30/2015	10/30/2015
bis(2-Chloroethyl)ether	ND	ug/L	5	10/30/2015	10/30/2015
bis(2-chloroisopropyl)ether	ND	ug/L	5	10/30/2015	10/30/2015
bis(2-Ethylhexyl)phthalate	ND	ug/L	5	10/30/2015	10/30/2015
Butylbenzylphthalate	ND	ug/L	5	10/30/2015	10/30/2015
Carbazole	ND	ug/L	5	10/30/2015	10/30/2015
Chlorobenzilate	ND	ug/L	5	10/30/2015	10/30/2015
Chrysene	ND	ug/L	0.1	10/30/2015	10/30/2015
Diallate	ND	ug/L	5	10/30/2015	10/30/2015
Dibenz[a,h]anthracene	ND	ug/L	0.1	10/30/2015	10/30/2015
Dibenzofuran	ND	ug/L	5	10/30/2015	10/30/2015
Diethylphthalate	ND	ug/L	5	10/30/2015	10/30/2015
Dimethoate	ND	ug/L	5	10/30/2015	10/30/2015
Dimethylphthalate	ND	ug/L	5	10/30/2015	10/30/2015
Di-n-butylphthalate	ND	ug/L	5	10/30/2015	10/30/2015
Di-n-octylphthalate	ND	ug/L	5	10/30/2015	10/30/2015
diphenylamine	ND	ug/L	5	10/30/2015	10/30/2015
Disulfoton	ND	ug/L	0.5	10/30/2015	10/30/2015
Disulfoton	ND	ug/L	5	10/30/2015	10/30/2015
Ethyl methanesulfonate	ND	ug/L	5	10/30/2015	10/30/2015

Comments:

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Project Name: 1510C42

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Ethyl parathion	ND	ug/L	5	10/30/2015	10/30/2015
Ethyl parathion	ND	ug/L	0.5	10/30/2015	10/30/2015
Famphur	ND	ug/L	5	10/30/2015	10/30/2015
Fluoranthene	ND	ug/L	5	10/30/2015	10/30/2015
Fluorene	ND	ug/L	5	10/30/2015	10/30/2015
Hexachlorobenzene	ND	ug/L	1	10/30/2015	10/30/2015
Hexachlorobutadiene	ND	ug/L	5	10/30/2015	10/30/2015
Hexachlorocyclopentadiene	ND	ug/L	5	10/30/2015	10/30/2015
Hexachloroethane	ND	ug/L	5	10/30/2015	10/30/2015
Hexachloropropene	ND	ug/L	5	10/30/2015	10/30/2015
Hexachorophene	ND	ug/L	5	10/30/2015	10/30/2015
Indeno[1,2,3-cd]pyrene	ND	ug/L	0.1	10/30/2015	10/30/2015
Isodrin	ND	ug/L	5	10/30/2015	10/30/2015
Isophorone	ND	ug/L	5	10/30/2015	10/30/2015
Isosafrole	ND	ug/L	5	10/30/2015	10/30/2015
Kepone	ND	ug/L	5	10/30/2015	10/30/2015
Methapyrilene	ND	ug/L	5	10/30/2015	10/30/2015
Methyl methanesulfonate	ND	ug/L	5	10/30/2015	10/30/2015
Methyl parathion	ND	ug/L	0.5	10/30/2015	10/30/2015
Methyl parathion	ND	ug/L	5	10/30/2015	10/30/2015
Naphthalene	ND	ug/L	5	10/30/2015	10/30/2015
Nitrobenzene	ND	ug/L	5	10/30/2015	10/30/2015
Nitrosodimethylamine	ND	ug/L	5	10/30/2015	10/30/2015
n-nitrosodibutylamine	ND	ug/L	5	10/30/2015	10/30/2015
n-Nitrosodiethylamine	ND	ug/L	5	10/30/2015	10/30/2015
n-Nitroso-di-n-propylamine	ND	ug/L	5	10/30/2015	10/30/2015
n-Nitrosodiphenylamine	ND	ug/L	2	10/30/2015	10/30/2015
n-Nitrosomethylethylamine	ND	ug/L	2	10/30/2015	10/30/2015
n-Nitrosomorpholine	ND	ug/L	5	10/30/2015	10/30/2015
n-Nitrosopiperadine	ND	ug/L	5	10/30/2015	10/30/2015
n-Nitrosopyrrolidine	ND	ug/L	5	10/30/2015	10/30/2015
o,o,o-Triethyl phosphorothioate	ND	ug/L	5	10/30/2015	10/30/2015
o-Toluidine	ND	ug/L	2	10/30/2015	10/30/2015
p-(Dimethylamino)azobenzene	ND	ug/L	5	10/30/2015	10/30/2015
Pentachlorobenzene	ND	ug/L	5	10/30/2015	10/30/2015

Comments:

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Address: 4901 HAWKINS NE SUITE D
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Attn: ANDY FREEMAN

Batch #: 151028029
Project Name: 1510C42

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Pentachloroethane	ND	ug/L	5	10/30/2015	10/30/2015
Pentachloronitrobenzene	ND	ug/L	5	10/30/2015	10/30/2015
Pentachlorophenol	ND	ug/L	5	10/30/2015	10/30/2015
Phenacetin	ND	ug/L	5	10/30/2015	10/30/2015
Phenanthrene	ND	ug/L	1	10/30/2015	10/30/2015
Phenol	ND	ug/L	5	10/30/2015	10/30/2015
Phorate	ND	ug/L	5	10/30/2015	10/30/2015
p-Phenylenediamine	ND	ug/L	5	10/30/2015	10/30/2015
Pronamide	ND	ug/L	5	10/30/2015	10/30/2015
Pyrene	ND	ug/L	5	10/30/2015	10/30/2015
Pyridine	ND	ug/L	5	10/30/2015	10/30/2015
Safrole	ND	ug/L	5	10/30/2015	10/30/2015
Sulfotep	ND	ug/L	5	10/30/2015	10/30/2015
Thionazin	ND	ug/L	5	10/30/2015	10/30/2015

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments:

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Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	1510C42
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	151028029-003	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-001G / PSMW-7R	**Sampling Time**	11:25 AM	**Extraction Date**	11/2/2015
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
2,4,5-T	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
2,4,5-TP (Silvex)	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
2,4-D	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
2,4-DB	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Chloramben	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dacthal	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dalapon	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dicamba	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dichloroprop	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dinoseb	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Pentachlorophenol	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Picloram	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	

Surrogate Data

Sample Number 151028029-003

Surrogate Standard	Method	Percent Recovery	Control Limits
2,4-Dichlorophenylacetic acid	EPA 8151A	82.0	65-135

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Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	1510C42
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	151028029-008	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-003G / PSMW-13A	**Sampling Time**	1:42 PM	**Extraction Date**	11/2/2015
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
2,4,5-T	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
2,4,5-TP (Silvex)	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
2,4-D	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
2,4-DB	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Chloramben	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dacthal	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dalapon	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dicamba	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dichloroprop	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dinoseb	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Pentachlorophenol	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Picloram	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	

Surrogate Data

Sample Number 151028029-008

Surrogate Standard	Method	Percent Recovery	Control Limits
2,4-Dichlorophenylacetic acid	EPA 8151A	86.0	65-135

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Attn: ANDY FREEMAN

Batch #: 151028029
Project Name: 1510C42

Analytical Results Report
Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Picloram	4.33	ug/L	5	86.6	70-137	11/2/2015	11/9/2015
Pentachlorophenol	0.482	ug/L	0.5	96.4	51-156	11/2/2015	11/9/2015
Dinoseb	4.60	ug/L	5	92.0	61-149	11/2/2015	11/9/2015
Dichloroprop	5.74	ug/L	5	114.8	52-152	11/2/2015	11/9/2015
Dicamba	2.66	ug/L	2.5	106.4	64-140	11/2/2015	11/9/2015
Dalapon	4.52	ug/L	5	90.4	73-140	11/2/2015	11/9/2015
Dacthal	2.48	ug/L	2.5	99.2	63-141	11/2/2015	11/9/2015
Chloramben	2.15	ug/L	2.5	86.0	50-139	11/2/2015	11/9/2015
2,4-DB	4.03	ug/L	5	80.6	64-141	11/2/2015	11/9/2015
2,4-D	5.24	ug/L	5	104.8	59-142	11/2/2015	11/9/2015
2,4,5-TP (Silvex)	1.30	ug/L	1.25	104.0	67-144	11/2/2015	11/9/2015
2,4,5-T	1.23	ug/L	1.25	98.4	65-143	11/2/2015	11/9/2015

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
151029038-013	Picloram	ND	4.56	ug/L	5	91.2	63-152	11/2/2015	11/9/2015
151029038-013	Pentachlorophenol	ND	0.508	ug/L	0.5	101.6	20-181	11/2/2015	11/9/2015
151029038-013	Dinoseb	ND	4.81	ug/L	5	96.2	62-143	11/2/2015	11/9/2015
151029038-013	Dichloroprop	ND	5.73	ug/L	5	114.6	53-154	11/2/2015	11/9/2015
151029038-013	Dicamba	ND	2.66	ug/L	2.5	106.4	44-158	11/2/2015	11/9/2015
151029038-013	Dalapon	ND	3.29	ug/L	5	65.8	63-155	11/2/2015	11/9/2015
151029038-013	Dacthal	ND	2.56	ug/L	2.5	102.4	67-136	11/2/2015	11/9/2015
151029038-013	Chloramben	ND	2.31	ug/L	2.5	92.4	41-148	11/2/2015	11/9/2015
151029038-013	2,4-DB	ND	3.99	ug/L	5	79.8	50-169	11/2/2015	11/9/2015
151029038-013	2,4-D	ND	5.41	ug/L	5	108.2	30-178	11/2/2015	11/9/2015
151029038-013	2,4,5-TP (Silvex)	ND	1.24	ug/L	1.25	99.2	56-153	11/2/2015	11/9/2015
151029038-013	2,4,5-T	ND	1.23	ug/L	1.25	98.4	43-161	11/2/2015	11/9/2015

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Picloram	4.97	ug/L	5	99.4	8.6	0-50	11/2/2015	11/9/2015
Pentachlorophenol	0.529	ug/L	0.5	105.8	4.1	0-50	11/2/2015	11/9/2015
Dinoseb	5.14	ug/L	5	102.8	6.6	0-50	11/2/2015	11/9/2015

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151028029
Project Name: 1510C42

Analytical Results Report

Quality Control Data

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Dichloroprop	5.15	ug/L	5	103.0	10.7	0-50	11/2/2015	11/9/2015
Dicamba	2.73	ug/L	2.5	109.2	2.6	0-50	11/2/2015	11/9/2015
Dalapon	3.49	ug/L	5	69.8	5.9	0-50	11/2/2015	11/9/2015
Dacthal	2.66	ug/L	2.5	106.4	3.8	0-50	11/2/2015	11/9/2015
Chloramben	2.40	ug/L	2.5	96.0	3.8	0-50	11/2/2015	11/9/2015
2,4-DB	4.14	ug/L	5	82.8	3.7	0-50	11/2/2015	11/9/2015
2,4-D	5.17	ug/L	5	103.4	4.5	0-50	11/2/2015	11/9/2015
2,4,5-TP (Silvex)	1.35	ug/L	1.25	108.0	8.5	0-50	11/2/2015	11/9/2015
2,4,5-T	1.25	ug/L	1.25	100.0	1.6	0-50	11/2/2015	11/9/2015

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
2,4,5-T	ND	ug/L	0.1	11/2/2015	11/9/2015
2,4,5-TP (Silvex)	ND	ug/L	0.1	11/2/2015	11/9/2015
2,4-D	ND	ug/L	0.1	11/2/2015	11/9/2015
2,4-DB	ND	ug/L	0.1	11/2/2015	11/9/2015
Chloramben	ND	ug/L	0.1	11/2/2015	11/9/2015
Dacthal	ND	ug/L	0.1	11/2/2015	11/9/2015
Dalapon	ND	ug/L	0.1	11/2/2015	11/9/2015
Dicamba	ND	ug/L	0.1	11/2/2015	11/9/2015
Dichloroprop	ND	ug/L	0.1	11/2/2015	11/9/2015
Dinoseb	ND	ug/L	0.1	11/2/2015	11/9/2015
Pentachlorophenol	ND	ug/L	0.1	11/2/2015	11/9/2015
Picloram	ND	ug/L	0.1	11/2/2015	11/9/2015

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	151028029
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	1510C42
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	151028029-004	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-001H / PSMW-7R	**Sampling Time**	11:25 AM		
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Sulfide	ND	mg/L	0.32	10/30/2015	KMC	SM4500S2F	

Sample Number	151028029-009	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-003H / PSMW-13A	**Sampling Time**	1:42 PM		
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Sulfide	ND	mg/L	0.38	10/30/2015	KMC	SM4500S2F	

Authorized Signature

John Coddington, Lab Manager

MCL	EPA's Maximum Contaminant Level
ND	Not Detected
PQL	Practical Quantitation Limit

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The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151028029
Project Name: 1510C42

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Sulfide	0.2	mg/L	0.2	100.0	70-130	10/30/2015	10/30/2015

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
151028029-004	Sulfide	0.128	0.702	mg/L	0.64	89.7	70-130	10/30/2015	10/30/2015

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Sulfide	ND	mg/L	0.05	10/30/2015	10/30/2015

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	151028029
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	1510C42
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	151028029-005	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-001I / PSMW-7R	**Sampling Time**	11:25 AM		
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	11/4/2015	MER	EPA 335.4	

Sample Number	151028029-010	**Sampling Date**	10/26/2015	**Date/Time Received**	10/28/2015 11:15 AM
Client Sample ID	1510C42-003I / PSMW-13A	**Sampling Time**	1:42 PM		
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	0.0209	mg/L	0.01	11/4/2015	MER	EPA 335.4	

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151028029
Project Name: 1510C42

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Cyanide	0.497	mg/L	0.5	99.4	90-110	11/4/2015	11/4/2015

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
151027051-008	Cyanide	ND	0.471	mg/L	0.5	94.2	90-110	11/4/2015	11/4/2015

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Cyanide	0.474	mg/L	0.5	94.8	0.6	0-20	11/4/2015	11/4/2015

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Cyanide	ND	mg/L	0.01	11/4/2015	11/4/2015

AR	Acceptable Range
ND	Not Detected
PQL	Practical Quantitation Limit
RPD	Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

Cape Fear Analytical LLC
an affiliate of The GEL Group INC

3338 Kitty Hawk Road, Suite 120 Wilmington, NC 28405
P 910.795.0421

www.capefearanalytical.com

November 12, 2015

Mr. Andy Freeman
Hull Environmental
4901 Hawkins NE
Suite D
Albuquerque, New Mexico 87109

Re: Routine Analysis
Work Order: 8430
SDG: 1510C42

Dear Mr. Freeman:

Cape Fear Analytical LLC (CFA) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on October 30, 2015. This original data report has been prepared and reviewed in accordance with CFA's standard operating procedures.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at 910-795-0421 Ext. 2.

Sincerely,

Cynde Larkins

Cynde Larkins
Project Manager

Purchase Order: IDIQ Pricing
Enclosures

problem solved

HALL ENVIRONMENTAL ANALYSIS LABORATORY

CHAIN OF CUSTODY RECORD 1 | 1

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975
FAX: 505-345-4107
Website: www.hallenvironmental.com

SUB CONTRATOR: Cape Fear Analytical	COMPANY: Cape Fear Analytical	PHONE: (910) 795-0421	FAX:
ADDRESS: 3306 Kitty Hawk Rd Ste 120		ACCOUNT #:	EMAIL:
CITY, STATE, ZIP: Wilmington, NC 28405			

ITEM	SAMPLE	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	COLLECTION DATE	# CONTAINERS	ANALYTICAL COMMENTS
1	1510C42-001J	PSMW-7R	1LAMGU	Aqueous	10/26/2015 11:25:00 AM	2	GW 2,3,7,8 TCDD
2	1510C42-003J	PSMW-13A	1LAMGU	Aqueous	10/26/2015 1:42:00 PM	2	GW 2,3,7,8 TCDD

CFA WO #8430

SPECIAL INSTRUCTIONS / COMMENTS:

Please include the LAB ID and the CLIENT SAMPLE ID on all final reports. Please e-mail results to lab@hallenvironmental.com. Please return all coolers and blue ice. Thank you.

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
[signature]	10/27/2015	1:16 PM	Cynde Larlin	30 OCT 15	1015
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

TAT: Standard ☒ RUSH Next BD ☐ 2nd BD ☐ 3rd BD ☐

REPORT TRANSMITTAL DESIRED:
☐ HARDCOPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE

FOR LAB USE ONLY
Temp of samples 4.0 °C Attempt to Cool ? ✓
Comments:

SAMPLE RECEIPT CHECKLIST

Cape Fear Analytical

Client: HAU	Work Order: 8430
Shipping Company: Fed Ex	Date/Time Received: 30 OCT 15 1015

Suspected Hazard Information	Yes	NA	No
Shipped as DOT Hazardous?			✓
Samples Identified as Foreign Soil?			✓

DOE Site Sample Packages	Yes	NA	No*
Screened <0.5 mR/hr?			✓
Samples < 2x background?			

* Notify RSO of any responses in this column immediately.

Air Sample Receipt Specifics	Yes	NA	No
Air sample in shipment?			✓

Air Witness: _____

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: seals broken damaged container leaking container other(describe)
2	Chain of Custody documents included with shipment?	✓			
3	Samples requiring cold preservation within 0-6°C?	✓			Preservation Method: Ice bags blue ice dry ice none other (describe) 5.7° - 1.7° = 4.0°C
4	Aqueous samples found to have visible solids?			✓	Sample IDs, containers affected:
5	Samples requiring chemical preservation at proper pH?		✓		Sample IDs, containers affected and pH observed: pH = 7 on all containers. If preservative added, Lot#:
6	Samples requiring preservation have no residual chlorine?	✓			Sample IDs, containers affected: If preservative added, Lot#:
7	Samples received within holding time?	✓			Sample IDs, tests affected:
8	Sample IDs on COC match IDs on containers?	✓			Sample IDs, containers affected:
9	Date & time of COC match date & time on containers?	✓			Sample IDs, containers affected:
10	Number of containers received match number indicated on COC?	✓			Sample IDs, containers affected:
11	COC form is properly signed in relinquished/received sections?	✓			

Comments:

Checklist performed by: Initials: CJ Date: 30 OCT 15

High Resolution Dioxins and Furans Analysis

Case Narrative

HDOX Case Narrative
Hall Environmental Analysis Laboratory (HALL)
SDG 1510C42
Work Order 8430

Method/Analysis Information

Product:	**TCDD Only by EPA Method 1613B in Liquids**
Analytical Method:	EPA Method 1613B
Extraction Method:	SW846 3520C
Analytical Batch Number:	30439
Clean Up Batch Number:	30437
Extraction Batch Number:	30436

Sample Analysis

The following samples were analyzed using the analytical protocol as established in EPA Method 1613B:

Sample ID	Client ID
8430001	1510C42-001J PSMW-7R
8430002	1510C42-003J PSMW-13A
12014670	Method Blank (MB)
12014671	Laboratory Control Sample (LCS)
12014672	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

SOP Reference

Procedure for preparation, analysis and reporting of analytical data are controlled by Cape Fear Analytical LLC (CFA) as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with CF-OA-E-002 REV# 14.

Raw data reports are processed and reviewed by the analyst using the TargetLynx software package.

Calibration Information

Initial Calibration

All initial calibration requirements have been met for this sample delivery group (SDG).

Continuing Calibration Verification (CCV) Requirements

All associated calibration verification standard(s) (CCV) met the acceptance criteria.

Quality Control (QC) Information

Certification Statement
The test results presented in this document are certified to meet all requirements of the 2009 TNI Standard.

Method Blank (MB) Statement
The MB(s) analyzed with this SDG met the acceptance criteria.

Surrogate Recoveries
All surrogate recoveries were within the established acceptance criteria for this SDG.

Laboratory Control Sample (LCS) Recovery
The LCS spike recoveries met the acceptance limits.

Laboratory Control Sample Duplicate (LCSD) Recovery
The LCSD spike recoveries met the acceptance limits.

LCS/LCSD Relative Percent Difference (RPD) Statement
The RPD(s) between the LCS and LCSD met the acceptance limits.

QC Sample Designation
A matrix spike and matrix spike duplicate analysis was not required for this SDG.

Technical Information

Holding Time Specifications
CFA assigns holding times based on the associated methodology, which assigns the date and time from sample collection. Those holding times expressed in hours are calculated in the AlphaLIMS system. Those holding times expressed as days expire at midnight on the day of expiration. All samples in this SDG met the specified holding time.

Preparation/Analytical Method Verification
All procedures were performed as stated in the SOP.

Sample Dilutions
The samples in this SDG did not require dilutions.

Sample Re-extraction/Re-analysis
Re-extractions or re-analyses were not required in this SDG.

Miscellaneous Information

Nonconformance (NCR) Documentation
A NCR was not required for this SDG.

Manual Integrations
Certain standards and QC samples required manual integrations to correctly position the baseline as set in the calibration standard injections. Where manual integrations were performed, copies of all manual integration peak profiles are included in the raw data section of this fraction. Manual integrations were required for data files in this SDG.

System Configuration
This analysis was performed on the following instrument configuration:

Instrument ID	Instrument	System Configuration	Column ID	Column Description
HRP750_2	Primary Dioxin Analysis	Dioxin Analysis	DB-5MS	60m x 0.25mm, 0.25um

Electronic Packaging Comment

This data package was generated using an electronic data processing program referred to as virtual packaging. In an effort to increase quality and efficiency, the laboratory has developed systems to generate all data packages electronically. The following change from traditional packages should be noted: Analyst/peer reviewer initials and dates are not present on the electronic data files. Presently, all initials and dates are present on the original raw data. These hard copies are temporarily stored in the laboratory. An electronic signature page inserted after the case narrative will include the data validator's signature and title. The signature page also includes the data qualifiers used in the fractional package. Data that are not generated electronically, such as hand written pages, will be scanned and inserted into the electronic package.

Sample Data Summary

Cape Fear Analytical, LLC

3306 Kitty Hawk Road Suite 120, Wilmington, NC 28405 - (910) 795-0421 - www.capefearanalytical.com

Certificate of Analysis Report
for

HALL001 Hall Environmental Analysis Laboratory

Client SDG: 1510C42 CFA Work Order: 8430

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a surrogate compound

U Analyte was analyzed for, but not detected above the specified detection limit.

Review/Validation

Cape Fear Analytical requires all analytical data to be verified by a qualified data reviewer.

The following data validator verified the information presented in this case narrative:

Signature: ESuhrie **Name: Erin Suhrie**

Date: 12 NOV 2015 **Title: Data Validator**

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	1510C42	**Client:**	HALL001	**Project:**	HALL00113
Lab Sample ID:	8430001	**Date Collected:**	10/26/2015 11:25	**Matrix:**	WATER
Client Sample:	1613B TCDD Water	**Date Received:**	10/30/2015 10:15		
Client ID:	1510C42-001J PSMW-7R			**Prep Basis:**	As Received
Batch ID:	30439	**Method:**	EPA Method 1613B		
Run Date:	11/07/2015 05:01	**Analyst:**	JTF	**Instrument:**	HRP750
Data File:	A06NOV15B_2-10			**Dilution:**	1
Prep Batch:	30436	**Prep Method:**	SW846 3520C		
Prep Date:	05-NOV-15	**Prep Aliquot:**	958.1 mL		

CAS No.	Parmname	Qual	Result	Units	PQL
1746-01-6	2,3,7,8-TCDD	U	10.4	pg/L	10.4

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		1680	2090	pg/L	80.4	(31%-137%)
37Cl-2,3,7,8-TCDD		166	209	pg/L	79.4	(42%-164%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	1510C42	**Client:**	HALL001	**Project:**	HALL00113
Lab Sample ID:	8430002	**Date Collected:**	10/26/2015 13:42	**Matrix:**	WATER
Client Sample:	1613B TCDD Water	**Date Received:**	10/30/2015 10:15		
Client ID:	1510C42-003J PSMW-13A			**Prep Basis:**	As Received
Batch ID:	30439	**Method:**	EPA Method 1613B		
Run Date:	11/07/2015 05:49	**Analyst:**	JTF	**Instrument:**	HRP750
Data File:	A06NOV15B_2-11			**Dilution:**	1
Prep Batch:	30436	**Prep Method:**	SW846 3520C		
Prep Date:	05-NOV-15	**Prep Aliquot:**	926.5 mL		

CAS No.	Parmname	Qual	Result	Units	PQL
1746-01-6	2,3,7,8-TCDD	U	10.8	pg/L	10.8

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		1850	2160	pg/L	85.8	(31%-137%)
37Cl-2,3,7,8-TCDD		182	216	pg/L	84.4	(42%-164%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

Quality Control Summary

Hi-Res Dioxins/Furans
Surrogate Recovery Report

SDG Number: 1510C42

Matrix Type: LIQUID

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
12014671	LCS for batch 30436	13C-2,3,7,8-TCDD		82.5	(20%-175%)
		37Cl-2,3,7,8-TCDD		79.7	(31%-191%)
12014672	LCSD for batch 30436	13C-2,3,7,8-TCDD		83.1	(20%-175%)
		37Cl-2,3,7,8-TCDD		83.4	(31%-191%)
12014670	MB for batch 30436	13C-2,3,7,8-TCDD		90.5	(25%-164%)
		37Cl-2,3,7,8-TCDD		87.0	(35%-197%)
8430001	1510C42-001J PSMW-7R	13C-2,3,7,8-TCDD		80.4	(31%-137%)
		37Cl-2,3,7,8-TCDD		79.4	(42%-164%)
8430002	1510C42-003J PSMW-13A	13C-2,3,7,8-TCDD		85.8	(31%-137%)
		37Cl-2,3,7,8-TCDD		84.4	(42%-164%)

* Recovery outside Acceptance Limits
# Column to be used to flag recovery values
D Sample Diluted

Hi-Res Dioxins/Furans
Quality Control Summary
Spike Recovery Report

SDG Number: 1510C42
Client ID: LCS for batch 30436
Lab Sample ID: 12014671
Instrument: HRP750
Analyst: JTF

Sample Type: Laboratory Control Sample
Matrix: WATER
Analysis Date: 11/06/2015 21:51
Dilution: 1
Prep Batch ID: 30436
Batch ID: 30439

CAS No.		Parmname	Amount Added pg/L	Spike Conc. pg/L	Recovery %	Acceptance Limits
1746-01-6	LCS	2,3,7,8-TCDD	200	210	105	67-158

Hi-Res Dioxins/Furans
Quality Control Summary
Spike Recovery Report

SDG Number:	1510C42	Sample Type:	Laboratory Control Sample Duplicate
Client ID:	LCSD for batch 30436	Matrix:	WATER
Lab Sample ID:	12014672		
Instrument:	HRP750	Analysis Date:	11/06/2015 22:38 Dilution: 1
Analyst:	JTF	Prep Batch ID:	30436
		Batch ID:	30439

CAS No.		Parmname	Amount Added pg/L	Spike Conc. pg/L	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
1746-01-6	LCSD	2,3,7,8-TCDD	200	203	101	67-158	3.60	0-20

Method Blank Summary

SDG Number:	1510C42	Client:	HALL001	Matrix:	WATER
Client ID:	MB for batch 30436	Instrument ID:	HRP750	Data File:	A06NOV15B_2-3
Lab Sample ID:	12014670	Prep Date:	05-NOV-15	Analyzed:	11/06/15 23:26
Column:					

This method blank applies to the following samples and quality control samples:

	Client Sample ID	Lab Sample ID	File ID	Date Analyzed	Time Analyzed
01	LCS for batch 30436	12014671	A06NOV15B_2-1	11/06/15	2151
02	LCSD for batch 30436	12014672	A06NOV15B_2-2	11/06/15	2238
03	1510C42-001J PSMW-7R	8430001	A06NOV15B_2-10	11/07/15	0501
04	1510C42-003J PSMW-13A	8430002	A06NOV15B_2-11	11/07/15	0549

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	1510C42	**Client:**	HALL001	**Project:**	HALL00113
Lab Sample ID:	12014670			**Matrix:**	WATER
Client Sample:	QC for batch 30436				
Client ID:	MB for batch 30436			**Prep Basis:**	As Received
Batch ID:	30439	**Method:**	EPA Method 1613B		
Run Date:	11/06/2015 23:26	**Analyst:**	JTF	**Instrument:**	HRP750
Data File:	A06NOV15B_2-3			**Dilution:**	1
Prep Batch:	30436	**Prep Method:**	SW846 3520C		
Prep Date:	05-NOV-15	**Prep Aliquot:**	1000 mL		

CAS No.	Parmname	Qual	Result	Units	PQL
1746-01-6	2,3,7,8-TCDD	U	10	pg/L	10.0

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		1810	2000	pg/L	90.5	(25%-164%)
37Cl-2,3,7,8-TCDD		174	200	pg/L	87.0	(35%-197%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	1510C42	Client:	HALL001	Project:	HALL00113
Lab Sample ID:	12014671			Matrix:	WATER
Client Sample:	QC for batch 30436				
Client ID:	LCS for batch 30436			Prep Basis:	As Received
Batch ID:	30439	Method:	EPA Method 1613B		
Run Date:	11/06/2015 21:51	Analyst:	JTF	Instrument:	HRP750
Data File:	A06NOV15B_2-1			Dilution:	1
Prep Batch:	30436	Prep Method:	SW846 3520C		
Prep Date:	05-NOV-15	Prep Aliquot:	1000 mL		

CAS No.	Parmname	Qual	Result	Units	PQL
1746-01-6	2,3,7,8-TCDD		210	pg/L	10.0

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		1650	2000	pg/L	82.5	(20%-175%)
37Cl-2,3,7,8-TCDD		159	200	pg/L	79.7	(31%-191%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	1510C42	Client:	HALL001	Project:	HALL00113
Lab Sample ID:	12014672			Matrix:	WATER
Client Sample:	QC for batch 30436				
Client ID:	LCSD for batch 30436			Prep Basis:	As Received
Batch ID:	30439	Method:	EPA Method 1613B		
Run Date:	11/06/2015 22:38	Analyst:	JTF	Instrument:	HRP750
Data File:	A06NOV15B_2-2			Dilution:	1
Prep Batch:	30436	Prep Method:	SW846 3520C		
Prep Date:	05-NOV-15	Prep Aliquot:	1000 mL		

CAS No.	Parmname	Qual	Result	Units	PQL
1746-01-6	2,3,7,8-TCDD		203	pg/L	10.0

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		1660	2000	pg/L	83.1	(20%-175%)
37Cl-2,3,7,8-TCDD		167	200	pg/L	83.4	(31%-191%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510C42**

01-Dec-15

Client: Public Service Company
Project: Person Generating Station

Sample ID **MB-B** SampType: **MBLK** TestCode: **EPA Method 200.7: Metals**
Client ID: **PBW** Batch ID: **B30106** RunNo: **30106**
Prep Date: Analysis Date: **11/9/2015** SeqNo: **917032** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	ND	0.0020								
Beryllium	ND	0.0020								
Cadmium	ND	0.0020								
Chromium	ND	0.0060								
Cobalt	ND	0.0060								
Nickel	ND	0.010								
Vanadium	ND	0.050								

Sample ID **LCS-B** SampType: **LCS** TestCode: **EPA Method 200.7: Metals**
Client ID: **LCSW** Batch ID: **B30106** RunNo: **30106**
Prep Date: Analysis Date: **11/9/2015** SeqNo: **917037** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	0.48	0.0020	0.5000	0	97.0	85	115			
Beryllium	0.51	0.0020	0.5000	0	102	85	115			
Cadmium	0.50	0.0020	0.5000	0	99.4	85	115			
Chromium	0.49	0.0060	0.5000	0	98.2	85	115			
Cobalt	0.48	0.0060	0.5000	0	95.7	85	115			
Nickel	0.48	0.010	0.5000	0	95.1	85	115			
Vanadium	0.51	0.050	0.5000	0	102	85	115			

Sample ID **LLLCS-B** SampType: **LCSLL** TestCode: **EPA Method 200.7: Metals**
Client ID: **BatchQC** Batch ID: **B30106** RunNo: **30106**
Prep Date: Analysis Date: **11/9/2015** SeqNo: **917064** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	ND	0.0020	0.002000	0	78.0	50	150			
Beryllium	0.0021	0.0020	0.002000	0	106	50	150			
Cadmium	ND	0.0020	0.002000	0	59.5	50	150			
Chromium	ND	0.0060	0.006000	0	97.3	50	150			
Cobalt	ND	0.0060	0.006000	0	98.2	50	150			
Nickel	ND	0.010	0.005000	0	82.6	50	150			
Vanadium	ND	0.050	0.01000	0	104	50	150			

Sample ID **MB** SampType: **MBLK** TestCode: **EPA Method 200.7: Metals**
Client ID: **PBW** Batch ID: **A30187** RunNo: **30187**
Prep Date: Analysis Date: **11/12/2015** SeqNo: **919842** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Copper	ND	0.0060								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510C42**

01-Dec-15

Client: Public Service Company
Project: Person Generating Station

Sample ID	MB	SampType:	MBLK	TestCode:	EPA Method 200.7: Metals
Client ID:	PBW	Batch ID:	A30187	RunNo:	30187
Prep Date:		Analysis Date:	11/12/2015	SeqNo:	919842 Units: mg/L

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Tin	ND	0.010								
Zinc	ND	0.010								

Sample ID	LLLCS	SampType:	LCSLL	TestCode:	EPA Method 200.7: Metals
Client ID:	BatchQC	Batch ID:	A30187	RunNo:	30187
Prep Date:		Analysis Date:	11/12/2015	SeqNo:	919843 Units: mg/L

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Copper	0.0073	0.0060	0.006000	0	121	50	150			
Tin	ND	0.010	0.01000	0	86.6	50	150			
Zinc	ND	0.010	0.005000	0	140	50	150			

Sample ID	LCS	SampType:	LCS	TestCode:	EPA Method 200.7: Metals
Client ID:	LCSW	Batch ID:	A30187	RunNo:	30187
Prep Date:		Analysis Date:	11/12/2015	SeqNo:	919855 Units: mg/L

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Copper	0.47	0.0060	0.5000	0	94.2	85	115			
Tin	0.48	0.010	0.5000	0	96.2	85	115			
Zinc	0.46	0.010	0.5000	0	91.0	85	115			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510C42**

01-Dec-15

Client: Public Service Company
Project: Person Generating Station

Sample ID **LCS** SampType: **LCS** TestCode: **EPA 200.8: Metals**
Client ID: **LCSW** Batch ID: **A30266** RunNo: **30266**
Prep Date: Analysis Date: **11/16/2015** SeqNo: **922684** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	0.024	0.0010	0.02500	0	94.2	85	115			
Arsenic	0.023	0.0010	0.02500	0	90.1	85	115			
Lead	0.012	0.00050	0.01250	0	97.1	85	115			
Thallium	0.012	0.00050	0.01250	0	96.1	85	115			

Sample ID **1510C42-001EMSDL** SampType: **MSDLL** TestCode: **EPA 200.8: Metals**
Client ID: **PSMW-7R** Batch ID: **A30266** RunNo: **30266**
Prep Date: Analysis Date: **11/16/2015** SeqNo: **922693** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	0.024	0.0010	0.02500	0	97.7	70	130	1.15	20	
Arsenic	0.028	0.0010	0.02500	0.004673	93.0	70	130	1.56	20	
Lead	0.013	0.00050	0.01250	.00004835	101	70	130	0.393	20	
Thallium	0.013	0.00050	0.01250	.00003153	100	70	130	0.476	20	

Sample ID **1510C42-001EMSLL** SampType: **MSLL** TestCode: **EPA 200.8: Metals**
Client ID: **PSMW-7R** Batch ID: **A30266** RunNo: **30266**
Prep Date: Analysis Date: **11/16/2015** SeqNo: **922694** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	0.024	0.0010	0.02500	0	96.6	70	130			
Arsenic	0.028	0.0010	0.02500	0.004673	94.8	70	130			
Lead	0.013	0.00050	0.01250	.00004835	100	70	130			
Thallium	0.013	0.00050	0.01250	.00003153	99.9	70	130			

Sample ID **LLLCS** SampType: **LCSLL** TestCode: **EPA 200.8: Metals**
Client ID: **BatchQC** Batch ID: **A30266** RunNo: **30266**
Prep Date: Analysis Date: **11/16/2015** SeqNo: **922706** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	ND	0.0010	0.001000	0	92.7	50	150			
Arsenic	ND	0.0010	0.001000	0	96.8	50	150			
Lead	ND	0.00050	0.0005000	0	99.7	50	150			
Thallium	ND	0.00050	0.0005000	0	97.3	50	150			

Sample ID **MB** SampType: **MBLK** TestCode: **EPA 200.8: Metals**
Client ID: **PBW** Batch ID: **A30266** RunNo: **30266**
Prep Date: Analysis Date: **11/16/2015** SeqNo: **922707** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510C42**

01-Dec-15

Client: Public Service Company
Project: Person Generating Station

Sample ID **MB** SampType: **MBLK** TestCode: **EPA 200.8: Metals**
Client ID: **PBW** Batch ID: **A30266** RunNo: **30266**
Prep Date: Analysis Date: **11/16/2015** SeqNo: **922707** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	ND	0.0010								
Arsenic	ND	0.0010								
Lead	ND	0.00050								
Thallium	ND	0.00050								

Sample ID **LCS** SampType: **LCS** TestCode: **EPA 200.8: Metals**
Client ID: **LCSW** Batch ID: **A30317** RunNo: **30317**
Prep Date: Analysis Date: **11/18/2015** SeqNo: **925038** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.024	0.0010	0.02500	0	98.0	85	115			
Selenium	0.025	0.0010	0.02500	0	101	85	115			

Sample ID **LLLCS** SampType: **LCSLL** TestCode: **EPA 200.8: Metals**
Client ID: **BatchQC** Batch ID: **A30317** RunNo: **30317**
Prep Date: Analysis Date: **11/18/2015** SeqNo: **925040** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.0010	0.0010	0.001000	0	101	50	150			
Selenium	0.0010	0.0010	0.001000	0	105	50	150			

Sample ID **MB** SampType: **MBLK** TestCode: **EPA 200.8: Metals**
Client ID: **PBW** Batch ID: **A30317** RunNo: **30317**
Prep Date: Analysis Date: **11/18/2015** SeqNo: **925041** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								
Selenium	ND	0.0010								

Sample ID **1510C42-001EMSDL** SampType: **MSDLL** TestCode: **EPA 200.8: Metals**
Client ID: **PSMW-7R** Batch ID: **A30317** RunNo: **30317**
Prep Date: Analysis Date: **11/18/2015** SeqNo: **925948** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Selenium	0.027	0.0010	0.02500	0.003639	92.1	70	130	0.517	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510C42**

01-Dec-15

Client: Public Service Company
Project: Person Generating Station

Sample ID	**1510C42-001EMSLL**	SampType: **MSLL**		TestCode: **EPA 200.8: Metals**	
Client ID:	**PSMW-7R**	Batch ID: **A30317**		RunNo: **30317**	
Prep Date:		Analysis Date: **11/18/2015**		SeqNo: **925949**	Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Selenium	0.027	0.0010	0.02500	0.003639	92.7	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510C42**

01-Dec-15

Client: Public Service Company
Project: Person Generating Station

Sample ID	MB-22226	SampType:	MBLK	TestCode:	EPA Method 245.1: Mercury				
Client ID:	PBW	Batch ID:	22226	RunNo:	30072				
Prep Date:	11/6/2015	Analysis Date:	11/6/2015	SeqNo:	916111	Units:	mg/L		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020								

Sample ID	LCS-22226	SampType:	LCS	TestCode:	EPA Method 245.1: Mercury				
Client ID:	LCSW	Batch ID:	22226	RunNo:	30072				
Prep Date:	11/6/2015	Analysis Date:	11/6/2015	SeqNo:	916112	Units:	mg/L		

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0052	0.00020	0.005000	0	104	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510C42**

01-Dec-15

Client: Public Service Company
Project: Person Generating Station

Sample ID	MB-22055	SampType:	MBLK	TestCode:	EPA Method 504.1: EDB/DBCP
Client ID:	PBW	Batch ID:	22055	RunNo:	29863
Prep Date:	10/28/2015	Analysis Date:	10/28/2015	SeqNo:	909659 Units: µg/L

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	ND	0.020								
1,2-Dibromoethane	ND	0.010								

Sample ID	LCS-22055	SampType:	LCS	TestCode:	EPA Method 504.1: EDB/DBCP
Client ID:	LCSW	Batch ID:	22055	RunNo:	29863
Prep Date:	10/28/2015	Analysis Date:	10/28/2015	SeqNo:	909660 Units: µg/L

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	0.039	0.020	0.05000	0	78.0	70	130			
1,2-Dibromoethane	0.041	0.010	0.05000	0	82.0	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510C42**

01-Dec-15

Client: Public Service Company
Project: Person Generating Station

Sample ID **MB-22073** SampType: **MBLK** TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **PBW** Batch ID: **22073** RunNo: **29995**
Prep Date: **10/29/2015** Analysis Date: **11/4/2015** SeqNo: **914085** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4,4'-DDD	ND	0.050								
4,4'-DDE	ND	0.050								
4,4'-DDT	ND	0.050								
Aldrin	ND	0.050								
alpha-BHC	ND	0.050								
beta-BHC	ND	0.050								
Chlordane	ND	1.0								
delta-BHC	ND	0.050								
Dieldrin	ND	0.050								
Endosulfan I	ND	0.050								
Endosulfan II	ND	0.050								
Endosulfan sulfate	ND	0.050								
Endrin	ND	0.050								
Endrin aldehyde	ND	0.050								
gamma-BHC	ND	0.050								
Heptachlor	ND	0.050								
Heptachlor epoxide	ND	0.050								
Methoxychlor	ND	0.050								
Toxaphene	ND	1.0								
Surr: Decachlorobiphenyl	2.0		2.500		79.8	44	137			
Surr: Tetrachloro-m-xylene	2.0		2.500		80.4	30.2	127			

Sample ID **LCS-22073** SampType: **LCS** TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSW** Batch ID: **22073** RunNo: **29995**
Prep Date: **10/29/2015** Analysis Date: **11/4/2015** SeqNo: **914086** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4,4'-DDD	0.40	0.050	0.5000	0	80.4	44.3	109			
4,4'-DDE	0.40	0.050	0.5000	0	80.8	45	107			
4,4'-DDT	0.41	0.050	0.5000	0	82.0	47.2	98.1			
Aldrin	0.38	0.050	0.5000	0	76.0	46.1	105			
alpha-BHC	0.39	0.050	0.5000	0	78.2	41.6	110			
beta-BHC	0.44	0.050	0.5000	0	87.6	43.6	109			
delta-BHC	0.41	0.050	0.5000	0	81.4	42.7	113			
Dieldrin	0.40	0.050	0.5000	0	79.2	45	108			
Endosulfan I	0.40	0.050	0.5000	0	79.4	46.4	106			
Endosulfan II	0.39	0.050	0.5000	0	78.2	45.4	109			
Endosulfan sulfate	0.38	0.050	0.5000	0	76.8	46.1	107			
Endrin	0.41	0.050	0.5000	0	82.0	41.3	111			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510C42**

01-Dec-15

Client: Public Service Company
Project: Person Generating Station

Sample ID **LCS-22073**	SampType: **LCS**	TestCode: **EPA Method 8081: PESTICIDES**	
Client ID: **LCSW**	Batch ID: **22073**	RunNo: **29995**	
Prep Date: **10/29/2015**	Analysis Date: **11/4/2015**	SeqNo: **914086**	Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Endrin aldehyde	0.39	0.050	0.5000	0	77.2	35.9	110			
gamma-BHC	0.39	0.050	0.5000	0	77.2	43.6	110			
Heptachlor	0.39	0.050	0.5000	0	77.8	46.2	106			
Heptachlor epoxide	0.39	0.050	0.5000	0	77.0	46.2	106			
Methoxychlor	0.41	0.050	0.5000	0	81.2	47.5	90.8			
Surr: Decachlorobiphenyl	1.9		2.500		77.0	44	137			
Surr: Tetrachloro-m-xylene	1.9		2.500		76.0	30.2	127			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1510C42

01-Dec-15

Client: Public Service Company

Project: Person Generating Station

Sample ID **MB-22074** SampType: **MBLK** TestCode: **EPA Method 8082: PCB's**

Client ID: **PBW** Batch ID: **22074** RunNo: **29921**

Prep Date: **10/29/2015** Analysis Date: **10/30/2015** SeqNo: **911401** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	ND	1.0								
Aroclor 1221	ND	1.0								
Aroclor 1232	ND	1.0								
Aroclor 1242	ND	1.0								
Aroclor 1248	ND	1.0								
Aroclor 1254	ND	1.0								
Aroclor 1260	ND	1.0								
Surr: Decachlorobiphenyl	2.7		2.500		108	17.7	151			
Surr: Tetrachloro-m-xylene	2.8		2.500		110	20.6	151			

Sample ID **LCS-22074** SampType: **LCS** TestCode: **EPA Method 8082: PCB's**

Client ID: **LCSW** Batch ID: **22074** RunNo: **29921**

Prep Date: **10/29/2015** Analysis Date: **10/30/2015** SeqNo: **911402** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	3.1	1.0	5.000	0	61.5	9.01	142			
Aroclor 1260	4.9	1.0	5.000	0	97.2	25.6	164			
Surr: Decachlorobiphenyl	2.6		2.500		106	17.7	151			
Surr: Tetrachloro-m-xylene	2.3		2.500		92.4	20.6	151			

Sample ID **LCSD-22074** SampType: **LCSD** TestCode: **EPA Method 8082: PCB's**

Client ID: **LCSS02** Batch ID: **22074** RunNo: **29921**

Prep Date: **10/29/2015** Analysis Date: **10/30/2015** SeqNo: **911403** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	3.1	1.0	5.000	0	62.1	9.01	142	1.04	26.9	
Aroclor 1260	5.0	1.0	5.000	0	101	25.6	164	3.80	29.1	
Surr: Decachlorobiphenyl	2.9		2.500		115	17.7	151	0	0	
Surr: Tetrachloro-m-xylene	2.5		2.500		98.4	20.6	151	0	0	

Qualifiers:

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D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510C42**

01-Dec-15

Client: Public Service Company
Project: Person Generating Station

Sample ID **100ng lcs** SampType: **LCS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW** Batch ID: **R29894** RunNo: **29894**
Prep Date: Analysis Date: **10/29/2015** SeqNo: **910579** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	22	1.0	20.00	0	111	70	130			
Toluene	21	1.0	20.00	0	107	70	130			
Chlorobenzene	22	1.0	20.00	0	108	70	130			
1,1-Dichloroethene	23	1.0	20.00	0	115	70	130			
Trichloroethene (TCE)	20	1.0	20.00	0	101	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		105	70	130			
Surr: 4-Bromofluorobenzene	9.2		10.00		91.9	70	130			
Surr: Dibromofluoromethane	10		10.00		101	70	130			
Surr: Toluene-d8	9.5		10.00		94.7	70	130			

Sample ID **rb** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **R29894** RunNo: **29894**
Prep Date: Analysis Date: **10/29/2015** SeqNo: **910581** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

Qualifiers:

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H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1510C42

01-Dec-15

Client: Public Service Company

Project: Person Generating Station

Sample ID rb	SampType: MBLK	TestCode: EPA Method 8260B: VOLATILES	
Client ID: PBW	Batch ID: R29894	RunNo: 29894	
Prep Date:	Analysis Date: 10/29/2015	SeqNo: 910581	Units: µg/L

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

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ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
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S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510C42**

01-Dec-15

Client: Public Service Company
Project: Person Generating Station

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**	
Client ID: **PBW**	Batch ID: **R29894**	RunNo: **29894**	
Prep Date:	Analysis Date: **10/29/2015**	SeqNo: **910581**	Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	9.7		10.00		97.5	70	130			
Surr: 4-Bromofluorobenzene	9.3		10.00		92.7	70	130			
Surr: Dibromofluoromethane	10		10.00		103	70	130			
Surr: Toluene-d8	9.7		10.00		97.5	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
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S	% Recovery outside of range due to dilution or matrix		

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: PNM Aztec Work Order Number: 1510C42 RcptNo: 1

Received by/date: CS 10/26/15

Logged By: Anne Thorne 10/26/2015 5:00:00 PM Anne Thorne

Completed By: Anne Thorne 10/27/2015 Anne Thorne

Reviewed By: ANG 10/27/15

Chain of Custody

1. Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☑
2. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
3. How was the sample delivered? Client

Log In

4. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
6. Sample(s) in proper container(s)? Yes ☑ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
9. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
10. VOA vials have zero headspace? Yes ☑ No ☐ No VOA Vials ☐
11. Were any sample containers received broken? Yes ☐ No ☑
12. Does paperwork match bottle labels? Yes ☑ No ☐
    (Note discrepancies on chain of custody)
13. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
14. Is it clear what analyses were requested? Yes ☑ No ☐
15. Were all holding times able to be met? Yes ☑ No ☐
    (If no, notify customer for authorization.)

# of preserved bottles checked for pH: 2 4 2 AT 10/27/15
(<2 or >12 unless noted)
Adjusted? ——
Checked by: AT 10/27/15

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	5.7	Good	Not Present			

Chain-of-Custody Record

Client: PNM John Hale
2401 AZTEC Rd NEMS Z100
Mailing Address: Albuquerque, NM 87107

Phone #: 505 241 2014
Email or Fax#:
QA/QC Package:
☒ Standard ☐ Level 4 (Full Validation)
Accreditation
NELAP ☐ Other _____
EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____
Project Name: Person Generating Station
Project #: Semi Annual Fall 2015
Project Manager: John Hale
Sampler: Mark Sikelianos
On Ice: ☒ Yes ☐ No
Sample Temperature: 6.2-0.5 CF = 5.7°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1510C42	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Appendix 9 see list				Air Bubbles (Y or N)
10/26/15	1125	Aqueous	PSMW-7R	3-40ml VOAs HCl 2-40ml VOAs Soth		-001												X				
"	1225	"	PSMW-37	8 1-L Amber w/ 1-500ml Poly NaOH		-002										X						
"	1342	"	PSMW-13A	1-500ml Poly HNO3 1-500ml Poly Ziploc		-003												X				
			Trip Blank			-004										X						

Date:	Time:	Relinquished by:	Received by:	Date	Time
10/26/15	1700	[signature]	[signature]	10/26/15	1700
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:
John.hale@PNMresources.com
Mark@delphinc.net

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

November 03, 2015

John Hale
Public Service Company
2401 Aztec, NE #Z110
Albuquerque, NM 87107
TEL: (505) 241-2014
FAX (505) 241-4306

RE: Person Station OrderNo.: 1510D06

Dear John Hale:

Hall Environmental Analysis Laboratory received 11 sample(s) on 10/28/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report
Lab Order **1510D06**
Date Reported: **11/3/2015**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-001 **Matrix:** AQUEOUS

Client Sample ID: PSMW-24-500
Collection Date: 10/27/2015 10:24:00 AM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
Benzene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Toluene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Ethylbenzene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Naphthalene	ND	2.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
1-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
2-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Acetone	ND	10		µg/L	1	10/29/2015 1:09:46 PM	R29893
Bromobenzene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Bromodichloromethane	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Bromoform	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Bromomethane	ND	3.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
2-Butanone	ND	10		µg/L	1	10/29/2015 1:09:46 PM	R29893
Carbon disulfide	ND	10		µg/L	1	10/29/2015 1:09:46 PM	R29893
Carbon Tetrachloride	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Chlorobenzene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Chloroethane	ND	2.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Chloroform	1.1	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Chloromethane	ND	3.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
2-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
4-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
cis-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Dibromochloromethane	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Dibromomethane	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
1,1-Dichloroethane	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
1,1-Dichloroethene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
1,2-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
1,3-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
2,2-Dichloropropane	ND	2.0		µg/L	1	10/29/2015 1:09:46 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-001
Matrix: AQUEOUS
Client Sample ID: PSMW-24-500
Collection Date: 10/27/2015 10:24:00 AM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
1,1-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Hexachlorobutadiene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
2-Hexanone	ND	10		µg/L	1	10/29/2015 1:09:46 PM	R29893
Isopropylbenzene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
4-Isopropyltoluene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
4-Methyl-2-pentanone	ND	10		µg/L	1	10/29/2015 1:09:46 PM	R29893
Methylene Chloride	ND	3.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
n-Butylbenzene	ND	3.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
n-Propylbenzene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
sec-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Styrene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
tert-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
trans-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Trichlorofluoromethane	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Vinyl chloride	ND	1.0		µg/L	1	10/29/2015 1:09:46 PM	R29893
Xylenes, Total	ND	1.5		µg/L	1	10/29/2015 1:09:46 PM	R29893
Surr: 1,2-Dichloroethane-d4	109	70-130		%REC	1	10/29/2015 1:09:46 PM	R29893
Surr: 4-Bromofluorobenzene	88.8	70-130		%REC	1	10/29/2015 1:09:46 PM	R29893
Surr: Dibromofluoromethane	107	70-130		%REC	1	10/29/2015 1:09:46 PM	R29893
Surr: Toluene-d8	91.6	70-130		%REC	1	10/29/2015 1:09:46 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-002
Matrix: AQUEOUS
Client Sample ID: PSMW-27-500
Collection Date: 10/27/2015 12:04:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
Benzene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Toluene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Ethylbenzene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Naphthalene	ND	2.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
1-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
2-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Acetone	ND	10		µg/L	1	10/29/2015 2:41:12 PM	R29893
Bromobenzene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Bromodichloromethane	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Bromoform	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Bromomethane	ND	3.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
2-Butanone	ND	10		µg/L	1	10/29/2015 2:41:12 PM	R29893
Carbon disulfide	ND	10		µg/L	1	10/29/2015 2:41:12 PM	R29893
Carbon Tetrachloride	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Chlorobenzene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Chloroethane	ND	2.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Chloroform	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Chloromethane	ND	3.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
2-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
4-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
cis-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Dibromochloromethane	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Dibromomethane	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
1,1-Dichloroethane	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
1,1-Dichloroethene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
1,2-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
1,3-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
2,2-Dichloropropane	ND	2.0		µg/L	1	10/29/2015 2:41:12 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-002
Matrix: AQUEOUS
Client Sample ID: PSMW-27-500
Collection Date: 10/27/2015 12:04:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
1,1-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Hexachlorobutadiene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
2-Hexanone	ND	10		µg/L	1	10/29/2015 2:41:12 PM	R29893
Isopropylbenzene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
4-Isopropyltoluene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
4-Methyl-2-pentanone	ND	10		µg/L	1	10/29/2015 2:41:12 PM	R29893
Methylene Chloride	ND	3.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
n-Butylbenzene	ND	3.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
n-Propylbenzene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
sec-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Styrene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
tert-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
trans-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Trichlorofluoromethane	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Vinyl chloride	ND	1.0		µg/L	1	10/29/2015 2:41:12 PM	R29893
Xylenes, Total	ND	1.5		µg/L	1	10/29/2015 2:41:12 PM	R29893
Surr: 1,2-Dichloroethane-d4	104	70-130		%REC	1	10/29/2015 2:41:12 PM	R29893
Surr: 4-Bromofluorobenzene	90.7	70-130		%REC	1	10/29/2015 2:41:12 PM	R29893
Surr: Dibromofluoromethane	106	70-130		%REC	1	10/29/2015 2:41:12 PM	R29893
Surr: Toluene-d8	101	70-130		%REC	1	10/29/2015 2:41:12 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-003
Matrix: AQUEOUS
Client Sample ID: PSMW-Z-500
Collection Date: 10/27/2015 12:20:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
Benzene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Toluene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Ethylbenzene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Naphthalene	ND	2.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
1-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
2-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Acetone	ND	10		µg/L	1	10/29/2015 3:11:41 PM	R29893
Bromobenzene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Bromodichloromethane	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Bromoform	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Bromomethane	ND	3.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
2-Butanone	ND	10		µg/L	1	10/29/2015 3:11:41 PM	R29893
Carbon disulfide	ND	10		µg/L	1	10/29/2015 3:11:41 PM	R29893
Carbon Tetrachloride	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Chlorobenzene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Chloroethane	ND	2.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Chloroform	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Chloromethane	ND	3.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
2-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
4-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
cis-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Dibromochloromethane	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Dibromomethane	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
1,1-Dichloroethane	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
1,1-Dichloroethene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
1,2-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
1,3-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
2,2-Dichloropropane	ND	2.0		µg/L	1	10/29/2015 3:11:41 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-003
Matrix: AQUEOUS
Client Sample ID: PSMW-Z-500
Collection Date: 10/27/2015 12:20:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
1,1-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Hexachlorobutadiene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
2-Hexanone	ND	10		µg/L	1	10/29/2015 3:11:41 PM	R29893
Isopropylbenzene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
4-Isopropyltoluene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
4-Methyl-2-pentanone	ND	10		µg/L	1	10/29/2015 3:11:41 PM	R29893
Methylene Chloride	ND	3.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
n-Butylbenzene	ND	3.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
n-Propylbenzene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
sec-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Styrene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
tert-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
trans-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Trichlorofluoromethane	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Vinyl chloride	ND	1.0		µg/L	1	10/29/2015 3:11:41 PM	R29893
Xylenes, Total	ND	1.5		µg/L	1	10/29/2015 3:11:41 PM	R29893
Surr: 1,2-Dichloroethane-d4	105	70-130		%REC	1	10/29/2015 3:11:41 PM	R29893
Surr: 4-Bromofluorobenzene	91.9	70-130		%REC	1	10/29/2015 3:11:41 PM	R29893
Surr: Dibromofluoromethane	105	70-130		%REC	1	10/29/2015 3:11:41 PM	R29893
Surr: Toluene-d8	90.8	70-130		%REC	1	10/29/2015 3:11:41 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-004 **Matrix:** AQUEOUS

Client Sample ID: PSMW-27-600
Collection Date: 10/27/2015 1:30:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
Benzene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Toluene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Ethylbenzene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Naphthalene	ND	2.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
1-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
2-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Acetone	ND	10		µg/L	1	10/29/2015 3:42:02 PM	R29893
Bromobenzene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Bromodichloromethane	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Bromoform	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Bromomethane	ND	3.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
2-Butanone	ND	10		µg/L	1	10/29/2015 3:42:02 PM	R29893
Carbon disulfide	ND	10		µg/L	1	10/29/2015 3:42:02 PM	R29893
Carbon Tetrachloride	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Chlorobenzene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Chloroethane	ND	2.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Chloroform	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Chloromethane	ND	3.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
2-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
4-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
cis-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Dibromochloromethane	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Dibromomethane	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
1,1-Dichloroethane	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
1,1-Dichloroethene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
1,2-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
1,3-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
2,2-Dichloropropane	ND	2.0		µg/L	1	10/29/2015 3:42:02 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-004
Matrix: AQUEOUS
Client Sample ID: PSMW-27-600
Collection Date: 10/27/2015 1:30:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	BCN
1,1-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Hexachlorobutadiene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
2-Hexanone	ND	10		µg/L	1	10/29/2015 3:42:02 PM	R29893
Isopropylbenzene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
4-Isopropyltoluene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
4-Methyl-2-pentanone	ND	10		µg/L	1	10/29/2015 3:42:02 PM	R29893
Methylene Chloride	ND	3.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
n-Butylbenzene	ND	3.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
n-Propylbenzene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
sec-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Styrene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
tert-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
trans-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Trichlorofluoromethane	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Vinyl chloride	ND	1.0		µg/L	1	10/29/2015 3:42:02 PM	R29893
Xylenes, Total	ND	1.5		µg/L	1	10/29/2015 3:42:02 PM	R29893
Surr: 1,2-Dichloroethane-d4	98.4	70-130		%REC	1	10/29/2015 3:42:02 PM	R29893
Surr: 4-Bromofluorobenzene	87.7	70-130		%REC	1	10/29/2015 3:42:02 PM	R29893
Surr: Dibromofluoromethane	92.0	70-130		%REC	1	10/29/2015 3:42:02 PM	R29893
Surr: Toluene-d8	95.8	70-130		%REC	1	10/29/2015 3:42:02 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-005 **Matrix:** AQUEOUS

Client Sample ID: PSMW-27
Collection Date: 10/27/2015 1:00:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	BCN
Benzene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Toluene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Ethylbenzene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Naphthalene	ND	2.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
1-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
2-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Acetone	ND	10		µg/L	1	10/29/2015 4:12:26 PM	R29893
Bromobenzene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Bromodichloromethane	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Bromoform	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Bromomethane	ND	3.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
2-Butanone	ND	10		µg/L	1	10/29/2015 4:12:26 PM	R29893
Carbon disulfide	ND	10		µg/L	1	10/29/2015 4:12:26 PM	R29893
Carbon Tetrachloride	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Chlorobenzene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Chloroethane	ND	2.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Chloroform	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Chloromethane	ND	3.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
2-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
4-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
cis-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Dibromochloromethane	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Dibromomethane	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
1,1-Dichloroethane	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
1,1-Dichloroethene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
1,2-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
1,3-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
2,2-Dichloropropane	ND	2.0		µg/L	1	10/29/2015 4:12:26 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-005
Matrix: AQUEOUS
Client Sample ID: PSMW-27
Collection Date: 10/27/2015 1:00:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
1,1-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Hexachlorobutadiene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
2-Hexanone	ND	10		µg/L	1	10/29/2015 4:12:26 PM	R29893
Isopropylbenzene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
4-Isopropyltoluene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
4-Methyl-2-pentanone	ND	10		µg/L	1	10/29/2015 4:12:26 PM	R29893
Methylene Chloride	ND	3.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
n-Butylbenzene	ND	3.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
n-Propylbenzene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
sec-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Styrene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
tert-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
trans-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Trichlorofluoromethane	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Vinyl chloride	ND	1.0		µg/L	1	10/29/2015 4:12:26 PM	R29893
Xylenes, Total	ND	1.5		µg/L	1	10/29/2015 4:12:26 PM	R29893
Surr: 1,2-Dichloroethane-d4	102	70-130		%REC	1	10/29/2015 4:12:26 PM	R29893
Surr: 4-Bromofluorobenzene	87.1	70-130		%REC	1	10/29/2015 4:12:26 PM	R29893
Surr: Dibromofluoromethane	101	70-130		%REC	1	10/29/2015 4:12:26 PM	R29893
Surr: Toluene-d8	88.3	70-130		%REC	1	10/29/2015 4:12:26 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-006
Matrix: AQUEOUS
Client Sample ID: PSMW-A
Collection Date: 10/27/2015 2:40:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
Benzene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Toluene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Ethylbenzene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Naphthalene	ND	2.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
1-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
2-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Acetone	ND	10		µg/L	1	10/29/2015 4:42:59 PM	R29893
Bromobenzene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Bromodichloromethane	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Bromoform	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Bromomethane	ND	3.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
2-Butanone	ND	10		µg/L	1	10/29/2015 4:42:59 PM	R29893
Carbon disulfide	ND	10		µg/L	1	10/29/2015 4:42:59 PM	R29893
Carbon Tetrachloride	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Chlorobenzene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Chloroethane	ND	2.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Chloroform	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Chloromethane	ND	3.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
2-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
4-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
cis-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Dibromochloromethane	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Dibromomethane	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
1,1-Dichloroethane	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
1,1-Dichloroethene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
1,2-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
1,3-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
2,2-Dichloropropane	ND	2.0		µg/L	1	10/29/2015 4:42:59 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-006
Matrix: AQUEOUS
Client Sample ID: PSMW-A
Collection Date: 10/27/2015 2:40:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
1,1-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Hexachlorobutadiene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
2-Hexanone	ND	10		µg/L	1	10/29/2015 4:42:59 PM	R29893
Isopropylbenzene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
4-Isopropyltoluene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
4-Methyl-2-pentanone	ND	10		µg/L	1	10/29/2015 4:42:59 PM	R29893
Methylene Chloride	ND	3.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
n-Butylbenzene	ND	3.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
n-Propylbenzene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
sec-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Styrene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
tert-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Tetrachloroethene (PCE)	2.6	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
trans-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Trichlorofluoromethane	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Vinyl chloride	ND	1.0		µg/L	1	10/29/2015 4:42:59 PM	R29893
Xylenes, Total	ND	1.5		µg/L	1	10/29/2015 4:42:59 PM	R29893
Surr: 1,2-Dichloroethane-d4	106	70-130		%REC	1	10/29/2015 4:42:59 PM	R29893
Surr: 4-Bromofluorobenzene	92.0	70-130		%REC	1	10/29/2015 4:42:59 PM	R29893
Surr: Dibromofluoromethane	103	70-130		%REC	1	10/29/2015 4:42:59 PM	R29893
Surr: Toluene-d8	93.0	70-130		%REC	1	10/29/2015 4:42:59 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-007
Matrix: AQUEOUS
Client Sample ID: PSMW-HB
Collection Date: 10/27/2015 3:45:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
Benzene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Toluene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Ethylbenzene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Naphthalene	ND	2.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
1-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
2-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Acetone	ND	10		µg/L	1	10/29/2015 5:13:16 PM	R29893
Bromobenzene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Bromodichloromethane	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Bromoform	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Bromomethane	ND	3.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
2-Butanone	ND	10		µg/L	1	10/29/2015 5:13:16 PM	R29893
Carbon disulfide	ND	10		µg/L	1	10/29/2015 5:13:16 PM	R29893
Carbon Tetrachloride	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Chlorobenzene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Chloroethane	ND	2.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Chloroform	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Chloromethane	ND	3.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
2-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
4-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
cis-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Dibromochloromethane	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Dibromomethane	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
1,1-Dichloroethane	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
1,1-Dichloroethene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
1,2-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
1,3-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
2,2-Dichloropropane	ND	2.0		µg/L	1	10/29/2015 5:13:16 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: . Person Station
Lab ID: 1510D06-007
Matrix: AQUEOUS
Client Sample ID: PSMW-HB
Collection Date: 10/27/2015 3:45:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
1,1-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Hexachlorobutadiene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
2-Hexanone	ND	10		µg/L	1	10/29/2015 5:13:16 PM	R29893
Isopropylbenzene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
4-Isopropyltoluene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
4-Methyl-2-pentanone	ND	10		µg/L	1	10/29/2015 5:13:16 PM	R29893
Methylene Chloride	ND	3.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
n-Butylbenzene	ND	3.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
n-Propylbenzene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
sec-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Styrene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
tert-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
trans-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Trichlorofluoromethane	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Vinyl chloride	ND	1.0		µg/L	1	10/29/2015 5:13:16 PM	R29893
Xylenes, Total	ND	1.5		µg/L	1	10/29/2015 5:13:16 PM	R29893
Surr: 1,2-Dichloroethane-d4	90.8	70-130		%REC	1	10/29/2015 5:13:16 PM	R29893
Surr: 4-Bromofluorobenzene	92.6	70-130		%REC	1	10/29/2015 5:13:16 PM	R29893
Surr: Dibromofluoromethane	95.1	70-130		%REC	1	10/29/2015 5:13:16 PM	R29893
Surr: Toluene-d8	98.0	70-130		%REC	1	10/29/2015 5:13:16 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-008 **Matrix:** AQUEOUS

Client Sample ID: PSMW-J
Collection Date: 10/27/2015 4:35:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
Benzene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Toluene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Ethylbenzene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Naphthalene	ND	2.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
1-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
2-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Acetone	ND	10		µg/L	1	10/29/2015 5:43:38 PM	R29893
Bromobenzene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Bromodichloromethane	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Bromoform	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Bromomethane	ND	3.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
2-Butanone	ND	10		µg/L	1	10/29/2015 5:43:38 PM	R29893
Carbon disulfide	ND	10		µg/L	1	10/29/2015 5:43:38 PM	R29893
Carbon Tetrachloride	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Chlorobenzene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Chloroethane	ND	2.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Chloroform	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Chloromethane	ND	3.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
2-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
4-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
cis-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Dibromochloromethane	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Dibromomethane	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
1,1-Dichloroethane	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
1,1-Dichloroethene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
1,2-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
1,3-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
2,2-Dichloropropane	ND	2.0		µg/L	1	10/29/2015 5:43:38 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-008
Matrix: AQUEOUS
Client Sample ID: PSMW-J
Collection Date: 10/27/2015 4:35:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
1,1-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Hexachlorobutadiene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
2-Hexanone	ND	10		µg/L	1	10/29/2015 5:43:38 PM	R29893
Isopropylbenzene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
4-Isopropyltoluene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
4-Methyl-2-pentanone	ND	10		µg/L	1	10/29/2015 5:43:38 PM	R29893
Methylene Chloride	ND	3.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
n-Butylbenzene	ND	3.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
n-Propylbenzene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
sec-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Styrene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
tert-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
trans-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Trichlorofluoromethane	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Vinyl chloride	ND	1.0		µg/L	1	10/29/2015 5:43:38 PM	R29893
Xylenes, Total	ND	1.5		µg/L	1	10/29/2015 5:43:38 PM	R29893
Surr: 1,2-Dichloroethane-d4	93.0	70-130		%REC	1	10/29/2015 5:43:38 PM	R29893
Surr: 4-Bromofluorobenzene	90.0	70-130		%REC	1	10/29/2015 5:43:38 PM	R29893
Surr: Dibromofluoromethane	95.0	70-130		%REC	1	10/29/2015 5:43:38 PM	R29893
Surr: Toluene-d8	93.5	70-130		%REC	1	10/29/2015 5:43:38 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-009
Matrix: AQUEOUS
Client Sample ID: PSMW-17
Collection Date: 10/27/2015 5:45:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
Benzene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Toluene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Ethylbenzene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Naphthalene	ND	2.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
1-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
2-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Acetone	ND	10		µg/L	1	10/29/2015 6:14:09 PM	R29893
Bromobenzene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Bromodichloromethane	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Bromoform	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Bromomethane	ND	3.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
2-Butanone	ND	10		µg/L	1	10/29/2015 6:14:09 PM	R29893
Carbon disulfide	ND	10		µg/L	1	10/29/2015 6:14:09 PM	R29893
Carbon Tetrachloride	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Chlorobenzene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Chloroethane	ND	2.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Chloroform	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Chloromethane	ND	3.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
2-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
4-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
cis-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Dibromochloromethane	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Dibromomethane	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
1,1-Dichloroethane	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
1,1-Dichloroethene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
1,2-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
1,3-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
2,2-Dichloropropane	ND	2.0		µg/L	1	10/29/2015 6:14:09 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-009
Matrix: AQUEOUS
Client Sample ID: PSMW-17
Collection Date: 10/27/2015 5:45:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
1,1-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Hexachlorobutadiene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
2-Hexanone	ND	10		µg/L	1	10/29/2015 6:14:09 PM	R29893
Isopropylbenzene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
4-Isopropyltoluene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
4-Methyl-2-pentanone	ND	10		µg/L	1	10/29/2015 6:14:09 PM	R29893
Methylene Chloride	ND	3.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
n-Butylbenzene	ND	3.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
n-Propylbenzene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
sec-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Styrene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
tert-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
trans-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Trichlorofluoromethane	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Vinyl chloride	ND	1.0		µg/L	1	10/29/2015 6:14:09 PM	R29893
Xylenes, Total	ND	1.5		µg/L	1	10/29/2015 6:14:09 PM	R29893
Surr: 1,2-Dichloroethane-d4	93.3	70-130		%REC	1	10/29/2015 6:14:09 PM	R29893
Surr: 4-Bromofluorobenzene	92.2	70-130		%REC	1	10/29/2015 6:14:09 PM	R29893
Surr: Dibromofluoromethane	93.9	70-130		%REC	1	10/29/2015 6:14:09 PM	R29893
Surr: Toluene-d8	91.1	70-130		%REC	1	10/29/2015 6:14:09 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-010 **Matrix:** AQUEOUS

Client Sample ID: PSMW-22
Collection Date: 10/28/2015 9:45:00 AM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
Benzene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Toluene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Ethylbenzene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Naphthalene	ND	2.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
1-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
2-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Acetone	ND	10		µg/L	1	10/29/2015 6:44:33 PM	R29893
Bromobenzene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Bromodichloromethane	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Bromoform	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Bromomethane	ND	3.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
2-Butanone	ND	10		µg/L	1	10/29/2015 6:44:33 PM	R29893
Carbon disulfide	ND	10		µg/L	1	10/29/2015 6:44:33 PM	R29893
Carbon Tetrachloride	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Chlorobenzene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Chloroethane	ND	2.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Chloroform	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Chloromethane	ND	3.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
2-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
4-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
cis-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Dibromochloromethane	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Dibromomethane	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
1,1-Dichloroethane	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
1,1-Dichloroethene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
1,2-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
1,3-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
2,2-Dichloropropane	ND	2.0		µg/L	1	10/29/2015 6:44:33 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-010
Matrix: AQUEOUS
Client Sample ID: PSMW-22
Collection Date: 10/28/2015 9:45:00 AM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**BCN**
1,1-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Hexachlorobutadiene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
2-Hexanone	ND	10		µg/L	1	10/29/2015 6:44:33 PM	R29893
Isopropylbenzene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
4-Isopropyltoluene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
4-Methyl-2-pentanone	ND	10		µg/L	1	10/29/2015 6:44:33 PM	R29893
Methylene Chloride	ND	3.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
n-Butylbenzene	ND	3.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
n-Propylbenzene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
sec-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Styrene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
tert-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
trans-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Trichlorofluoromethane	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Vinyl chloride	ND	1.0		µg/L	1	10/29/2015 6:44:33 PM	R29893
Xylenes, Total	ND	1.5		µg/L	1	10/29/2015 6:44:33 PM	R29893
Surr: 1,2-Dichloroethane-d4	101	70-130		%REC	1	10/29/2015 6:44:33 PM	R29893
Surr: 4-Bromofluorobenzene	87.6	70-130		%REC	1	10/29/2015 6:44:33 PM	R29893
Surr: Dibromofluoromethane	102	70-130		%REC	1	10/29/2015 6:44:33 PM	R29893
Surr: Toluene-d8	95.3	70-130		%REC	1	10/29/2015 6:44:33 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-011
Matrix: AQUEOUS
Client Sample ID: Trip Blank
Collection Date:
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
Benzene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Toluene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Ethylbenzene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Naphthalene	ND	2.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
1-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
2-Methylnaphthalene	ND	4.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Acetone	ND	10		µg/L	1	10/29/2015 7:15:01 PM	R29893
Bromobenzene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Bromodichloromethane	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Bromoform	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Bromomethane	ND	3.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
2-Butanone	ND	10		µg/L	1	10/29/2015 7:15:01 PM	R29893
Carbon disulfide	ND	10		µg/L	1	10/29/2015 7:15:01 PM	R29893
Carbon Tetrachloride	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Chlorobenzene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Chloroethane	ND	2.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Chloroform	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Chloromethane	ND	3.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
2-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
4-Chlorotoluene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
cis-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Dibromochloromethane	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Dibromomethane	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
1,2-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
1,3-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
1,4-Dichlorobenzene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Dichlorodifluoromethane	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
1,1-Dichloroethane	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
1,1-Dichloroethene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
1,2-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
1,3-Dichloropropane	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
2,2-Dichloropropane	ND	2.0		µg/L	1	10/29/2015 7:15:01 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D06-011
Matrix: AQUEOUS
Client Sample ID: Trip Blank
Collection Date:
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **BCN**	
1,1-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Hexachlorobutadiene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
2-Hexanone	ND	10		µg/L	1	10/29/2015 7:15:01 PM	R29893
Isopropylbenzene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
4-Isopropyltoluene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
4-Methyl-2-pentanone	ND	10		µg/L	1	10/29/2015 7:15:01 PM	R29893
Methylene Chloride	ND	3.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
n-Butylbenzene	ND	3.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
n-Propylbenzene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
sec-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Styrene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
tert-Butylbenzene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
trans-1,2-DCE	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
1,1,1-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
1,1,2-Trichloroethane	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Trichloroethene (TCE)	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Trichlorofluoromethane	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
1,2,3-Trichloropropane	ND	2.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Vinyl chloride	ND	1.0		µg/L	1	10/29/2015 7:15:01 PM	R29893
Xylenes, Total	ND	1.5		µg/L	1	10/29/2015 7:15:01 PM	R29893
Surr: 1,2-Dichloroethane-d4	100	70-130		%REC	1	10/29/2015 7:15:01 PM	R29893
Surr: 4-Bromofluorobenzene	89.2	70-130		%REC	1	10/29/2015 7:15:01 PM	R29893
Surr: Dibromofluoromethane	97.7	70-130		%REC	1	10/29/2015 7:15:01 PM	R29893
Surr: Toluene-d8	93.6	70-130		%REC	1	10/29/2015 7:15:01 PM	R29893

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510D06**

03-Nov-15

Client: Public Service Company
Project: Person Station

Sample ID 100ng lcs	SampType: LCS	TestCode: EPA Method 8260B: VOLATILES
Client ID: LCSW	Batch ID: R29893	RunNo: 29893
Prep Date:	Analysis Date: 10/29/2015	SeqNo: 910556 Units: µg/L

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	18	1.0	20.00	0	89.3	70	130			
Toluene	20	1.0	20.00	0	102	70	130			
Chlorobenzene	19	1.0	20.00	0	95.7	70	130			
1,1-Dichloroethene	19	1.0	20.00	0	96.6	70	130			
Trichloroethene (TCE)	18	1.0	20.00	0	92.5	70	130			
Surr: 1,2-Dichloroethane-d4	9.9		10.00		98.9	70	130			
Surr: 4-Bromofluorobenzene	9.8		10.00		98.2	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			
Surr: Toluene-d8	9.1		10.00		91.3	70	130			

Sample ID rb1	SampType: MBLK	TestCode: EPA Method 8260B: VOLATILES
Client ID: PBW	Batch ID: R29893	RunNo: 29893
Prep Date:	Analysis Date: 10/29/2015	SeqNo: 910557 Units: µg/L

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510D06**

03-Nov-15

Client: Public Service Company
Project: Person Station

Sample ID **rb1**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**	
Client ID: **PBW**	Batch ID: **R29893**	RunNo: **29893**	
Prep Date:	Analysis Date: **10/29/2015**	SeqNo: **910557**	Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510D06**

03-Nov-15

Client: Public Service Company
Project: Person Station

Sample ID **rb1** SampType: **MBLK** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW** Batch ID: **R29893** RunNo: **29893**
Prep Date: Analysis Date: **10/29/2015** SeqNo: **910557** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	10		10.00		102	70	130			
Surr: 4-Bromofluorobenzene	8.8		10.00		87.7	70	130			
Surr: Dibromofluoromethane	10		10.00		102	70	130			
Surr: Toluene-d8	9.6		10.00		96.5	70	130			

Sample ID **1510d06-001ams** SampType: **MS** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PSMW-24-500** Batch ID: **R29893** RunNo: **29893**
Prep Date: Analysis Date: **10/29/2015** SeqNo: **910559** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	101	70	130			
Toluene	23	1.0	20.00	0	116	70	130			
Chlorobenzene	20	1.0	20.00	0	102	70	130			
1,1-Dichloroethene	21	1.0	20.00	0.8860	99.0	70	130			
Trichloroethene (TCE)	18	1.0	20.00	0	91.2	70	130			
Surr: 1,2-Dichloroethane-d4	9.0		10.00		90.4	70	130			
Surr: 4-Bromofluorobenzene	9.5		10.00		95.0	70	130			
Surr: Dibromofluoromethane	9.5		10.00		95.3	70	130			
Surr: Toluene-d8	9.6		10.00		96.1	70	130			

Sample ID **1510d06-001amsd** SampType: **MSD** TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PSMW-24-500** Batch ID: **R29893** RunNo: **29893**
Prep Date: Analysis Date: **10/29/2015** SeqNo: **910560** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	98.9	70	130	1.93	20	
Toluene	23	1.0	20.00	0	113	70	130	2.33	20	
Chlorobenzene	20	1.0	20.00	0	100	70	130	2.08	20	
1,1-Dichloroethene	20	1.0	20.00	0.8860	95.3	70	130	3.59	20	
Trichloroethene (TCE)	19	1.0	20.00	0	94.2	70	130	3.14	20	
Surr: 1,2-Dichloroethane-d4	11		10.00		106	70	130	0	0	
Surr: 4-Bromofluorobenzene	8.9		10.00		89.4	70	130	0	0	
Surr: Dibromofluoromethane	10		10.00		100	70	130	0	0	
Surr: Toluene-d8	9.7		10.00		97.3	70	130	0	0	

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: PNM Aztec Work Order Number: 1510D06 RcptNo: 1

Received by/date: CS 10/28/15

Logged By: Anne Thorne 10/28/2015 10:20:00 AM Anne Thorne

Completed By: Anne Thorne 10/28/2015 Anne Thorne

Reviewed By: JA 10/28/15

Chain of Custody

1. Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☑
2. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
3. How was the sample delivered? Client

Log In

4. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
6. Sample(s) in proper container(s)? Yes ☑ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
9. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
10. VOA vials have zero headspace? Yes ☑ No ☐ No VOA Vials ☐
11. Were any sample containers received broken? Yes ☐ No ☑
12. Does paperwork match bottle labels? Yes ☑ No ☐
    (Note discrepancies on chain of custody)
13. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
14. Is it clear what analyses were requested? Yes ☑ No ☐
15. Were all holding times able to be met? Yes ☑ No ☐
    (If no, notify customer for authorization.)

# of preserved bottles checked for pH: _____ (<2 or >12 unless noted)
Adjusted? _____
Checked by: _____

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: _____ Date _____
By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding: _____
Client Instructions: _____

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	1.0	Good	Not Present			

Chain-of-Custody Record

Client: PNM John Hale
2401 AZTEC Rd NE MS2100
Mailing Address: Albuquerque, NM 87107

Phone #: 241 2014
Email or Fax#:
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation
☐ NELAP ☐ Other
☐ EDD (Type)

Turn-Around Time:
☐ Standard ☐ Rush

Project Name: Person Station
Project #: Semi Annual Fall 2015
Project Manager: John Hale
Sampler: Mark Sikalianos
On Ice: ☒ Yes ☐ No
Sample Temperature: 1.0°C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1510D66	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
27/15	1024	Aqueous	PSMW 24-500	3-40ml VOAs	HCl	-001										X						
"	1204	"	PSMW 27-500	"		-002										X						
"	1220	"	PSMW 2 500	"		-003										X						
"	1330	"	PSMW 27-600	"		-004										X						
"	1300	"	PSMW-27	"		-005										X						
"	1440	"	PSMW-A	"		-006										X						
"	1545	"	PSMW-HB	"		-007										X						
"	1635	"	PSMW-J	"		-008										X						
"	1745	"	PSMW-17	"		-009										X						
/28/15	0945	"	PSMW-22	"		-010										X						
			Trip Blank			-011										X						

Date:	Time:	Relinquished by:	Received by:	Date	Time
/28/15	1020		Celina Sena	10/28/15	1020
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:
John.hale@PNMResources.com
Mark@delphiinc.net

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

December 02, 2015

John Hale
Public Service Company
2401 Aztec, NE #Z110
Albuquerque, NM 87107
TEL: (505) 241-2014
FAX (505) 241-4306

RE: Person Station OrderNo.: 1510D14

Dear John Hale:

Hall Environmental Analysis Laboratory received 4 sample(s) on 10/28/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D14-001
Matrix: AQUEOUS
Client Sample ID: PSMW-1R
Collection Date: 10/27/2015 2:25:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 504.1: EDB/DBCP						Analyst:	**JME**
1,2-Dibromo-3-chloropropane	ND	0.020		µg/L	1	11/2/2015 2:35:10 PM	22114
1,2-Dibromoethane	ND	0.010		µg/L	1	11/2/2015 2:35:10 PM	22114
EPA 200.8: METALS						Analyst:	**JLF**
Antimony	ND	0.0010		mg/L	1	11/11/2015 10:23:37 PM	B30182
Arsenic	ND	0.010		mg/L	10	11/16/2015 12:33:12 PM	A30266
Copper	0.0046	0.0010		mg/L	1	11/22/2015 3:04:58 PM	A30411
Lead	ND	0.00050		mg/L	1	11/11/2015 10:23:37 PM	B30182
Selenium	0.031	0.0050		mg/L	5	11/13/2015 3:55:39 PM	B30226
Thallium	ND	0.00050		mg/L	1	11/11/2015 10:23:37 PM	B30182
EPA METHOD 200.7: METALS						Analyst:	**MED**
Barium	0.013	0.0020		mg/L	1	11/6/2015 3:20:13 PM	B30068
Beryllium	ND	0.0020		mg/L	1	11/6/2015 3:20:13 PM	B30068
Cadmium	ND	0.0020		mg/L	1	11/6/2015 3:20:13 PM	B30068
Chromium	0.093	0.0060		mg/L	1	11/6/2015 3:20:13 PM	B30068
Cobalt	ND	0.0060		mg/L	1	11/6/2015 3:20:13 PM	B30068
Nickel	ND	0.010		mg/L	1	11/6/2015 3:20:13 PM	B30068
Tin	ND	0.010		mg/L	1	11/6/2015 3:20:13 PM	B30068
Vanadium	ND	0.050		mg/L	1	11/6/2015 3:20:13 PM	B30068
Zinc	ND	0.010		mg/L	1	11/6/2015 3:20:13 PM	B30068
EPA METHOD 245.1: MERCURY						Analyst:	**DBD**
Mercury	ND	0.00020		mg/L	1	11/6/2015 4:41:45 PM	22226
EPA METHOD 8081: PESTICIDES						Analyst:	**JDC**
4,4'-DDD	ND	0.050		µg/L	1	11/4/2015 7:11:33 PM	22073
4,4'-DDE	ND	0.050		µg/L	1	11/4/2015 7:11:33 PM	22073
4,4'-DDT	ND	0.050		µg/L	1	11/4/2015 7:11:33 PM	22073
Aldrin	ND	0.050		µg/L	1	11/4/2015 7:11:33 PM	22073
alpha-BHC	ND	0.050		µg/L	1	11/4/2015 7:11:33 PM	22073
beta-BHC	ND	0.050		µg/L	1	11/4/2015 7:11:33 PM	22073
Chlordane	ND	1.0		µg/L	1	11/4/2015 7:11:33 PM	22073
delta-BHC	ND	0.050		µg/L	1	11/4/2015 7:11:33 PM	22073
Dieldrin	ND	0.050		µg/L	1	11/4/2015 7:11:33 PM	22073
Endosulfan I	ND	0.050		µg/L	1	11/4/2015 7:11:33 PM	22073
Endosulfan II	ND	0.050		µg/L	1	11/4/2015 7:11:33 PM	22073
Endosulfan sulfate	ND	0.050		µg/L	1	11/4/2015 7:11:33 PM	22073
Endrin	ND	0.050		µg/L	1	11/4/2015 7:11:33 PM	22073
Endrin aldehyde	ND	0.050		µg/L	1	11/4/2015 7:11:33 PM	22073
gamma-BHC	ND	0.050		µg/L	1	11/4/2015 7:11:33 PM	22073

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D14-001
Matrix: AQUEOUS
Client Sample ID: PSMW-1R
Collection Date: 10/27/2015 2:25:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8081: PESTICIDES						Analyst: **JDC**	
Heptachlor	ND	0.050		µg/L	1	11/4/2015 7:11:33 PM	22073
Heptachlor epoxide	ND	0.050		µg/L	1	11/4/2015 7:11:33 PM	22073
Methoxychlor	ND	0.050		µg/L	1	11/4/2015 7:11:33 PM	22073
Toxaphene	ND	1.0		µg/L	1	11/4/2015 7:11:33 PM	22073
Surr: Decachlorobiphenyl	79.2	44-137		%REC	1	11/4/2015 7:11:33 PM	22073
Surr: Tetrachloro-m-xylene	81.7	30.2-127		%REC	1	11/4/2015 7:11:33 PM	22073
EPA METHOD 8082: PCB'S						Analyst: **SCC**	
Aroclor 1016	ND	1.0		µg/L	1	10/30/2015 4:27:15 PM	22074
Aroclor 1221	ND	1.0		µg/L	1	10/30/2015 4:27:15 PM	22074
Aroclor 1232	ND	1.0		µg/L	1	10/30/2015 4:27:15 PM	22074
Aroclor 1242	ND	1.0		µg/L	1	10/30/2015 4:27:15 PM	22074
Aroclor 1248	ND	1.0		µg/L	1	10/30/2015 4:27:15 PM	22074
Aroclor 1254	ND	1.0		µg/L	1	10/30/2015 4:27:15 PM	22074
Aroclor 1260	ND	1.0		µg/L	1	10/30/2015 4:27:15 PM	22074
Surr: Decachlorobiphenyl	69.2	17.7-151		%REC	1	10/30/2015 4:27:15 PM	22074
Surr: Tetrachloro-m-xylene	76.0	20.6-151		%REC	1	10/30/2015 4:27:15 PM	22074

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D14-002
Matrix: AQUEOUS
Client Sample ID: PSMW-8B
Collection Date: 10/27/2015 3:35:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 504.1: EDB/DBCP						Analyst:	JME
1,2-Dibromo-3-chloropropane	ND	0.020		µg/L	1	11/2/2015 2:49:08 PM	22114
1,2-Dibromoethane	ND	0.010		µg/L	1	11/2/2015 2:49:08 PM	22114
EPA 200.8: METALS						Analyst:	JLF
Antimony	ND	0.0010		mg/L	1	11/11/2015 10:28:45 PM	B30182
Arsenic	0.0021	0.0010		mg/L	1	11/11/2015 10:28:45 PM	B30182
Copper	0.0019	0.0010		mg/L	1	11/22/2015 3:10:07 PM	A30411
Lead	ND	0.00050		mg/L	1	11/11/2015 10:28:45 PM	B30182
Selenium	0.0019	0.0010		mg/L	1	11/11/2015 10:28:45 PM	B30182
Thallium	ND	0.00050		mg/L	1	11/11/2015 10:28:45 PM	B30182
EPA METHOD 200.7: METALS						Analyst:	MED
Barium	0.027	0.0020		mg/L	1	11/6/2015 3:22:15 PM	B30068
Beryllium	ND	0.0020		mg/L	1	11/6/2015 3:22:15 PM	B30068
Cadmium	ND	0.0020		mg/L	1	11/6/2015 3:22:15 PM	B30068
Chromium	ND	0.0060		mg/L	1	11/6/2015 3:22:15 PM	B30068
Cobalt	ND	0.0060		mg/L	1	11/6/2015 3:22:15 PM	B30068
Nickel	ND	0.010		mg/L	1	11/6/2015 3:22:15 PM	B30068
Tin	ND	0.010		mg/L	1	11/6/2015 3:22:15 PM	B30068
Vanadium	ND	0.050		mg/L	1	11/6/2015 3:22:15 PM	B30068
Zinc	ND	0.010		mg/L	1	11/6/2015 3:22:15 PM	B30068
EPA METHOD 245.1: MERCURY						Analyst:	DBD
Mercury	ND	0.00020		mg/L	1	11/6/2015 4:43:48 PM	22226
EPA METHOD 8081: PESTICIDES						Analyst:	JDC
4,4'-DDD	ND	0.050		µg/L	1	11/4/2015 7:29:57 PM	22073
4,4'-DDE	ND	0.050		µg/L	1	11/4/2015 7:29:57 PM	22073
4,4'-DDT	ND	0.050		µg/L	1	11/4/2015 7:29:57 PM	22073
Aldrin	ND	0.050		µg/L	1	11/4/2015 7:29:57 PM	22073
alpha-BHC	ND	0.050		µg/L	1	11/4/2015 7:29:57 PM	22073
beta-BHC	ND	0.050		µg/L	1	11/4/2015 7:29:57 PM	22073
Chlordane	ND	1.0		µg/L	1	11/4/2015 7:29:57 PM	22073
delta-BHC	ND	0.050		µg/L	1	11/4/2015 7:29:57 PM	22073
Dieldrin	ND	0.050		µg/L	1	11/4/2015 7:29:57 PM	22073
Endosulfan I	ND	0.050		µg/L	1	11/4/2015 7:29:57 PM	22073
Endosulfan II	ND	0.050		µg/L	1	11/4/2015 7:29:57 PM	22073
Endosulfan sulfate	ND	0.050		µg/L	1	11/4/2015 7:29:57 PM	22073
Endrin	ND	0.050		µg/L	1	11/4/2015 7:29:57 PM	22073
Endrin aldehyde	ND	0.050		µg/L	1	11/4/2015 7:29:57 PM	22073
gamma-BHC	ND	0.050		µg/L	1	11/4/2015 7:29:57 PM	22073

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D14-002
Matrix: AQUEOUS
Client Sample ID: PSMW-8B
Collection Date: 10/27/2015 3:35:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8081: PESTICIDES						Analyst:	JDC
Heptachlor	ND	0.050		µg/L	1	11/4/2015 7:29:57 PM	22073
Heptachlor epoxide	ND	0.050		µg/L	1	11/4/2015 7:29:57 PM	22073
Methoxychlor	ND	0.050		µg/L	1	11/4/2015 7:29:57 PM	22073
Toxaphene	ND	1.0		µg/L	1	11/4/2015 7:29:57 PM	22073
Surr: Decachlorobiphenyl	92.2	44-137		%REC	1	11/4/2015 7:29:57 PM	22073
Surr: Tetrachloro-m-xylene	94.4	30.2-127		%REC	1	11/4/2015 7:29:57 PM	22073
EPA METHOD 8082: PCB'S						Analyst:	SCC
Aroclor 1016	ND	1.0		µg/L	1	10/30/2015 5:12:50 PM	22074
Aroclor 1221	ND	1.0		µg/L	1	10/30/2015 5:12:50 PM	22074
Aroclor 1232	ND	1.0		µg/L	1	10/30/2015 5:12:50 PM	22074
Aroclor 1242	ND	1.0		µg/L	1	10/30/2015 5:12:50 PM	22074
Aroclor 1248	ND	1.0		µg/L	1	10/30/2015 5:12:50 PM	22074
Aroclor 1254	ND	1.0		µg/L	1	10/30/2015 5:12:50 PM	22074
Aroclor 1260	ND	1.0		µg/L	1	10/30/2015 5:12:50 PM	22074
Surr: Decachlorobiphenyl	83.6	17.7-151		%REC	1	10/30/2015 5:12:50 PM	22074
Surr: Tetrachloro-m-xylene	91.2	20.6-151		%REC	1	10/30/2015 5:12:50 PM	22074

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D14-003
Matrix: AQUEOUS
Client Sample ID: PSMW-10
Collection Date: 10/27/2015 4:25:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 504.1: EDB/DBCP						Analyst:	**JME**
1,2-Dibromo-3-chloropropane	ND	0.020		µg/L	1	11/2/2015 3:30:30 PM	22114
1,2-Dibromoethane	ND	0.010		µg/L	1	11/2/2015 3:30:30 PM	22114
EPA 200.8: METALS						Analyst:	**JLF**
Antimony	ND	0.0010		mg/L	1	11/11/2015 10:33:54 PM	B30182
Arsenic	ND	0.0050		mg/L	5	11/13/2015 4:04:52 PM	B30226
Copper	0.0021	0.0010		mg/L	1	11/22/2015 3:15:15 PM	A30411
Lead	0.00058	0.00050		mg/L	1	11/11/2015 10:33:54 PM	B30182
Selenium	0.0053	0.0050		mg/L	5	11/13/2015 4:04:52 PM	B30226
Thallium	ND	0.00050		mg/L	1	11/11/2015 10:33:54 PM	B30182
EPA METHOD 200.7: METALS						Analyst:	**MED**
Barium	0.028	0.0020		mg/L	1	11/6/2015 3:24:20 PM	B30068
Beryllium	ND	0.0020		mg/L	1	11/6/2015 3:24:20 PM	B30068
Cadmium	ND	0.0020		mg/L	1	11/6/2015 3:24:20 PM	B30068
Chromium	0.056	0.0060		mg/L	1	11/6/2015 3:24:20 PM	B30068
Cobalt	ND	0.0060		mg/L	1	11/6/2015 3:24:20 PM	B30068
Nickel	ND	0.010		mg/L	1	11/6/2015 3:24:20 PM	B30068
Tin	ND	0.010		mg/L	1	11/6/2015 3:24:20 PM	B30068
Vanadium	ND	0.050		mg/L	1	11/6/2015 3:24:20 PM	B30068
Zinc	ND	0.010		mg/L	1	11/6/2015 3:24:20 PM	B30068
EPA METHOD 245.1: MERCURY						Analyst:	**DBD**
Mercury	ND	0.00020		mg/L	1	11/6/2015 4:45:50 PM	22226
EPA METHOD 8081: PESTICIDES						Analyst:	**JDC**
4,4'-DDD	ND	0.050		µg/L	1	11/4/2015 7:48:16 PM	22073
4,4'-DDE	ND	0.050		µg/L	1	11/4/2015 7:48:16 PM	22073
4,4'-DDT	ND	0.050		µg/L	1	11/4/2015 7:48:16 PM	22073
Aldrin	ND	0.050		µg/L	1	11/4/2015 7:48:16 PM	22073
alpha-BHC	ND	0.050		µg/L	1	11/4/2015 7:48:16 PM	22073
beta-BHC	ND	0.050		µg/L	1	11/4/2015 7:48:16 PM	22073
Chlordane	ND	1.0		µg/L	1	11/4/2015 7:48:16 PM	22073
delta-BHC	ND	0.050		µg/L	1	11/4/2015 7:48:16 PM	22073
Dieldrin	ND	0.050		µg/L	1	11/4/2015 7:48:16 PM	22073
Endosulfan I	ND	0.050		µg/L	1	11/4/2015 7:48:16 PM	22073
Endosulfan II	ND	0.050		µg/L	1	11/4/2015 7:48:16 PM	22073
Endosulfan sulfate	ND	0.050		µg/L	1	11/4/2015 7:48:16 PM	22073
Endrin	ND	0.050		µg/L	1	11/4/2015 7:48:16 PM	22073
Endrin aldehyde	ND	0.050		µg/L	1	11/4/2015 7:48:16 PM	22073
gamma-BHC	ND	0.050		µg/L	1	11/4/2015 7:48:16 PM	22073

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D14-003
Matrix: AQUEOUS
Client Sample ID: PSMW-10
Collection Date: 10/27/2015 4:25:00 PM
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8081: PESTICIDES						Analyst:	JDC
Heptachlor	ND	0.050		µg/L	1	11/4/2015 7:48:16 PM	22073
Heptachlor epoxide	ND	0.050		µg/L	1	11/4/2015 7:48:16 PM	22073
Methoxychlor	ND	0.050		µg/L	1	11/4/2015 7:48:16 PM	22073
Toxaphene	ND	1.0		µg/L	1	11/4/2015 7:48:16 PM	22073
Surr: Decachlorobiphenyl	98.7	44-137		%REC	1	11/4/2015 7:48:16 PM	22073
Surr: Tetrachloro-m-xylene	102	30.2-127		%REC	1	11/4/2015 7:48:16 PM	22073
EPA METHOD 8082: PCB'S						Analyst:	SCC
Aroclor 1016	ND	1.0		µg/L	1	10/30/2015 5:58:32 PM	22074
Aroclor 1221	ND	1.0		µg/L	1	10/30/2015 5:58:32 PM	22074
Aroclor 1232	ND	1.0		µg/L	1	10/30/2015 5:58:32 PM	22074
Aroclor 1242	ND	1.0		µg/L	1	10/30/2015 5:58:32 PM	22074
Aroclor 1248	ND	1.0		µg/L	1	10/30/2015 5:58:32 PM	22074
Aroclor 1254	ND	1.0		µg/L	1	10/30/2015 5:58:32 PM	22074
Aroclor 1260	ND	1.0		µg/L	1	10/30/2015 5:58:32 PM	22074
Surr: Decachlorobiphenyl	94.4	17.7-151		%REC	1	10/30/2015 5:58:32 PM	22074
Surr: Tetrachloro-m-xylene	103	20.6-151		%REC	1	10/30/2015 5:58:32 PM	22074

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1510D14-004
Matrix: AQUEOUS
Client Sample ID: Trip Blank
Collection Date:
Received Date: 10/28/2015 10:20:00 AM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 504.1: EDB/DBCP						Analyst: **JME**	
1,2-Dibromo-3-chloropropane	ND	0.020		µg/L	1	11/2/2015 3:44:25 PM	22114
1,2-Dibromoethane	ND	0.010		µg/L	1	11/2/2015 3:44:25 PM	22114

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Anatek Labs, Inc.

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-002	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-001E / PSMW-1R	**Sampling Time**	2:25 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
1,2,4,5-Tetrachlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,2,4-Trichlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,2-Dichlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,2-Diphenyl hydrazine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,3,5-TNB	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,3-Dichlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,3-DNB	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,4-Dichlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,4-Dioxane	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,4-Naphthoquinone	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1-Naphthylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,2-Oxybis(1-chloropropane)	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,3,4,6-Tetrachlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,3,5,6-Tetrachlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4,5-Trichlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4,6-Trichlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4-Dichlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4-Dimethylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4-Dinitrophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4-Dinitrotoluene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,6-Dichlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,6-Dinitrotoluene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Acetylaminofluorene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Chloronaphthalene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Chlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Methylnaphthalene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Methylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Naphthylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0026; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

Anatek Labs, Inc.

1282 Alturas Drive • Moscow, ID 83843 • (208) 883-2839 • Fax (208) 882-9246 • email moscow@anateklabs.com
504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-002	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-001E / PSMW-1R	**Sampling Time**	2:25 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
2-Nitroaniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Nitrophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Picoline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3,3'-Dichlorobenzidine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3,3-Dimethylbenzidine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3+4-Methylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3-Methylcholanthrene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3-Nitroaniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4,6-Dinitro-2-methylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Aminobiphenyl	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Bromophenyl-phenylether	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Chloro-3-methylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Chloroaniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Chlorophenyl-phenylether	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Nitroaniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Nitrophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Nitroquinoline-1-oxide	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
5-Nitro-o-toluidine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
a,a-Dimethylphenethylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Acenaphthene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Acenaphthylene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Acetophenone	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Aniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Anthracene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Aramite	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Benzo(ghi)perylene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Benzo[a]anthracene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Benzo[a]pyrene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-002	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-001E / PSMW-1R	**Sampling Time**	2:25 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
Benzo[b]fluoranthene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Benzo[k]fluoranthene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Benzyl alcohol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
bis(2-Chloroethoxy)methane	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
bis(2-Chloroethyl)ether	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
bis(2-chloroisopropyl)ether	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
bis(2-Ethylhexyl)phthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Butylbenzylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Carbazole	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Chlorobenzilate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Chrysene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Diallate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Dibenz[a,h]anthracene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Dibenzofuran	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Diethylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Dimethoate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Dimethylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Di-n-butylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Di-n-octylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
diphenylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Disulfoton	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Ethyl methanesulfonate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Ethyl parathion	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Famphur	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Fluoranthene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Fluorene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachlorobenzene	ND	ug/L	0.1	1	10/30/2015	HSW	EPA 8270D	
Hexachlorobutadiene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachlorocyclopentadiene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-002	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-001E / PSMW-1R	**Sampling Time**	2:25 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
Hexachloroethane	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachloropropene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachorophene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Indeno[1,2,3-cd]pyrene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Isodrin	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Isophorone	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Isosafrole	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Kepone	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Methapyrilene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Methyl methanesulfonate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Methyl parathion	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Naphthalene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Nitrobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Nitrosodimethylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-nitrosodibutylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitrosodiethylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitroso-di-n-propylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitrosodiphenylamine	ND	ug/L	1	2	10/30/2015	HSW	EPA 8270D	
n-Nitrosomethylethylamine	ND	ug/L	1	2	10/30/2015	HSW	EPA 8270D	
n-Nitrosomorpholine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitrosopiperadine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitrosopyrrolidine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
o,o,o-Triethyl phosphorothioate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
o-Toluidine	ND	ug/L	1	2	10/30/2015	HSW	EPA 8270D	
p-(Dimethylamino)azobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pentachlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pentachloroethane	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pentachloronitrobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pentachlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-002	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-001E / PSMW-1R	**Sampling Time**	2:25 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
Phenacetin	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Phenanthrene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Phenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Phorate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
p-Phenylenediamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pronamide	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pyrene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pyridine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Safrole	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Sulfotep	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Thionazin	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

Surrogate Data

Sample Number 151029038-002

Surrogate Standard	Method	Percent Recovery	Control Limits
2,4,6-Tribromophenol	EPA 8270D	95.2	10-123
2-Fluorobiphenyl	EPA 8270D	84.0	19-130
2-Fluorophenol	EPA 8270D	64.0	21-120
Nitrobenzene-d5	EPA 8270D	83.6	25-130
Phenol-d5	EPA 8270D	103.8	10-130
Terphenyl-d14	EPA 8270D	91.6	21-141

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-007	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-002E / PSMW-8B	**Sampling Time**	3:35 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
1,2,4,5-Tetrachlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,2,4-Trichlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,2-Dichlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,2-Diphenyl hydrazine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,3,5-TNB	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,3-Dichlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,3-DNB	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,4-Dichlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,4-Dioxane	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,4-Naphthoquinone	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1-Naphthylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,2-Oxybis(1-chloropropane)	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,3,4,6-Tetrachlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,3,5,6-Tetrachlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4,5-Trichlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4,6-Trichlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4-Dichlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4-Dimethylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4-Dinitrophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4-Dinitrotoluene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,6-Dichlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,6-Dinitrotoluene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Acetylaminofluorene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Chloronaphthalene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Chlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Methylnaphthalene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Methylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Naphthylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Nitroaniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-007	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-002E / PSMW-8B	**Sampling Time**	3:35 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
2-Nitrophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Picoline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3,3'-Dichlorobenzidine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3,3-Dimethylbenzidine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3+4-Methylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3-Methylcholanthrene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3-Nitroaniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4,6-Dinitro-2-methylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Aminobiphenyl	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Bromophenyl-phenylether	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Chloro-3-methylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Chloroaniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Chlorophenyl-phenylether	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Nitroaniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Nitrophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Nitroquinoline-1-oxide	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
5-Nitro-o-toluidine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
a,a-Dimethylphenethylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Acenaphthene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Acenaphthylene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Acetophenone	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Aniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Anthracene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Aramite	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Benzo(ghi)perylene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Benzo[a]anthracene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Benzo[a]pyrene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Benzo[b]fluoranthene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Address: 4901 HAWKINS NE SUITE D
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Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-007	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-002E / PSMW-8B	**Sampling Time**	3:35 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
Benzo[k]fluoranthene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Benzyl alcohol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
bis(2-Chloroethoxy)methane	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
bis(2-Chloroethyl)ether	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
bis(2-chloroisopropyl)ether	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
bis(2-Ethylhexyl)phthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Butylbenzylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Carbazole	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Chlorobenzilate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Chrysene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Diallate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Dibenz[a,h]anthracene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Dibenzofuran	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Diethylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Dimethoate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Dimethylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Di-n-butylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Di-n-octylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
diphenylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Disulfoton	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Ethyl methanesulfonate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Ethyl parathion	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Famphur	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Fluoranthene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Fluorene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachlorobenzene	ND	ug/L	0.1	1	10/30/2015	HSW	EPA 8270D	
Hexachlorobutadiene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachlorocyclopentadiene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachloroethane	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-007	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-002E / PSMW-8B	**Sampling Time**	3:35 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
Hexachloropropene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachorophene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Indeno[1,2,3-cd]pyrene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Isodrin	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Isophorone	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Isosafrole	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Kepone	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Methapyrilene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Methyl methanesulfonate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Methyl parathion	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Naphthalene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Nitrobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Nitrosodimethylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-nitrosodibutylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitrosodiethylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitroso-di-n-propylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitrosodiphenylamine	ND	ug/L	1	2	10/30/2015	HSW	EPA 8270D	
n-Nitrosomethylethylamine	ND	ug/L	1	2	10/30/2015	HSW	EPA 8270D	
n-Nitrosomorpholine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitrosopiperadine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitrosopyrrolidine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
o,o,o-Triethyl phosphorothioate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
o-Toluidine	ND	ug/L	1	2	10/30/2015	HSW	EPA 8270D	
p-(Dimethylamino)azobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pentachlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pentachloroethane	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pentachloronitrobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pentachlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Phenacetin	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-007	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-002E / PSMW-8B	**Sampling Time**	3:35 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
Phenanthrene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Phenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Phorate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
p-Phenylenediamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pronamide	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pyrene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pyridine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Safrole	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Sulfotep	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Thionazin	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

Surrogate Data

Sample Number 151029038-007

Surrogate Standard	Method	Percent Recovery	Control Limits
2,4,6-Tribromophenol	EPA 8270D	89.2	10-123
2-Fluorobiphenyl	EPA 8270D	88.0	19-130
2-Fluorophenol	EPA 8270D	58.6	21-120
Nitrobenzene-d5	EPA 8270D	88.8	25-130
Phenol-d5	EPA 8270D	103.0	10-130
Terphenyl-d14	EPA 8270D	98.8	21-141

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Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Analytical Results Report

Sample Number	151029038-012	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-003E / PSMW-10	**Sampling Time**	4:25 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
1,2,4,5-Tetrachlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,2,4-Trichlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,2-Dichlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,2-Diphenyl hydrazine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,3,5-TNB	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,3-Dichlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,3-DNB	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,4-Dichlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,4-Dioxane	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1,4-Naphthoquinone	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
1-Naphthylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,2-Oxybis(1-chloropropane)	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,3,4,6-Tetrachlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,3,5,6-Tetrachlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4,5-Trichlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4,6-Trichlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4-Dichlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4-Dimethylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4-Dinitrophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,4-Dinitrotoluene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,6-Dichlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2,6-Dinitrotoluene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Acetylaminofluorene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Chloronaphthalene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Chlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Methylnaphthalene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Methylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Naphthylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Nitroaniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-012	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-003E / PSMW-10	**Sampling Time**	4:25 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
2-Nitrophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
2-Picoline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3,3'-Dichlorobenzidine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3,3-Dimethylbenzidine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3+4-Methylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3-Methylcholanthrene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
3-Nitroaniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4,6-Dinitro-2-methylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Aminobiphenyl	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Bromophenyl-phenylether	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Chloro-3-methylphenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Chloroaniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Chlorophenyl-phenylether	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Nitroaniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Nitrophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
4-Nitroquinoline-1-oxide	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
5-Nitro-o-toluidine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
7,12-Dimethylbenz(a)anthracene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
a,a-Dimethylphenethylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Acenaphthene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Acenaphthylene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Acetophenone	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Aniline	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Anthracene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Aramite	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Benzo(ghi)perylene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Benzo[a]anthracene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Benzo[a]pyrene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Benzo[b]fluoranthene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	

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Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-012	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-003E / PSMW-10	**Sampling Time**	4:25 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
Benzo[k]fluoranthene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Benzyl alcohol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
bis(2-Chloroethoxy)methane	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
bis(2-Chloroethyl)ether	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
bis(2-chloroisopropyl)ether	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
bis(2-Ethylhexyl)phthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Butylbenzylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Carbazole	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Chlorobenzilate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Chrysene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Diallate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Dibenz[a,h]anthracene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Dibenzofuran	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Diethylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Dimethoate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Dimethylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Di-n-butylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Di-n-octylphthalate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
diphenylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Disulfoton	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Ethyl methanesulfonate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Ethyl parathion	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Famphur	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Fluoranthene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Fluorene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachlorobenzene	ND	ug/L	0.1	1	10/30/2015	HSW	EPA 8270D	
Hexachlorobutadiene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachlorocyclopentadiene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachloroethane	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

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Analytical Results Report

Sample Number	151029038-012	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-003E / PSMW-10	**Sampling Time**	4:25 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
Hexachloropropene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Hexachorophene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Indeno[1,2,3-cd]pyrene	ND	ug/L	0.05	0.1	10/30/2015	HSW	EPA 8270D	
Isodrin	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Isophorone	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Isosafrole	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Kepone	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Methapyrilene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Methyl methanesulfonate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Methyl parathion	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Naphthalene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Nitrobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Nitrosodimethylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-nitrosodibutylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitrosodiethylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitroso-di-n-propylamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitrosodiphenylamine	ND	ug/L	1	2	10/30/2015	HSW	EPA 8270D	
n-Nitrosomethylethylamine	ND	ug/L	1	2	10/30/2015	HSW	EPA 8270D	
n-Nitrosomorpholine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitrosopiperadine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
n-Nitrosopyrrolidine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
o,o,o-Triethyl phosphorothioate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
o-Toluidine	ND	ug/L	1	2	10/30/2015	HSW	EPA 8270D	
p-(Dimethylamino)azobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pentachlorobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pentachloroethane	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pentachloronitrobenzene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pentachlorophenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Phenacetin	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-012	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-003E / PSMW-10	**Sampling Time**	4:25 PM	**Extraction Date**	10/29/15
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	MDL	PQL	Analysis Date	Analyst	Method	Qualifier
Phenanthrene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Phenol	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Phorate	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
p-Phenylenediamine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pronamide	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pyrene	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Pyridine	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Safrole	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Sulfotep	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	
Thionazin	ND	ug/L	1	5	10/30/2015	HSW	EPA 8270D	

Surrogate Data

Sample Number 151029038-012

Surrogate Standard	Method	Percent Recovery	Control Limits
2,4,6-Tribromophenol	EPA 8270D	97.0	10-123
2-Fluorobiphenyl	EPA 8270D	86.4	19-130
2-Fluorophenol	EPA 8270D	85.8	21-120
Nitrobenzene-d5	EPA 8270D	88.0	25-130
Phenol-d5	EPA 8270D	110.6	10-130
Terphenyl-d14	EPA 8270D	94.4	21-141

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL *Practical Quantitation Limit*

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The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report
Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Pyrene	4.11	ug/L	5	82.2	45-138	10/30/2015	10/30/2015
Phenol	4.12	ug/L	5	82.4	45-134	10/30/2015	10/30/2015
Pentachlorophenol	3.67	ug/L	5	73.4	22-138	10/30/2015	10/30/2015
n-Nitroso-di-n-propylamine	4.39	ug/L	5	87.8	46-140	10/30/2015	10/30/2015
Methyl parathion	4.44	ug/L	5	88.8	70-135	10/30/2015	10/30/2015
Ethyl parathion	4.12	ug/L	5	82.4	70-135	10/30/2015	10/30/2015
Disulfoton	5.08	ug/L	5	101.6	70-135	10/30/2015	10/30/2015
bis(2-Ethylhexyl)phthalate	5.46	ug/L	5	109.2	43-142	10/30/2015	10/30/2015
Acenaphthene	4.81	ug/L	5	96.2	36-122	10/30/2015	10/30/2015
4-Nitrophenol	2.84	ug/L	5	56.8	19-137	10/30/2015	10/30/2015
4-Chloro-3-methylphenol	4.34	ug/L	5	86.8	42-139	10/30/2015	10/30/2015
2-Chlorophenol	4.19	ug/L	5	83.8	50-131	10/30/2015	10/30/2015
2,4-Dinitrotoluene	4.45	ug/L	5	89.0	49-134	10/30/2015	10/30/2015
1,4-Dichlorobenzene	3.45	ug/L	5	69.0	28-108	10/30/2015	10/30/2015
1,2,4-Trichlorobenzene	3.71	ug/L	5	74.2	33-109	10/30/2015	10/30/2015

Lab Control Sample Duplicate

Parameter	LCSD Result	Units	LCSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Pyrene	4.17	ug/L	5	83.4	1.4	0-36	10/30/2015	10/30/2015
Phenol	4.09	ug/L	5	81.8	0.7	0-35	10/30/2015	10/30/2015
Pentachlorophenol	4.17	ug/L	5	83.4	12.8	0-47	10/30/2015	10/30/2015
n-Nitroso-di-n-propylamine	4.40	ug/L	5	88.0	0.2	0-38	10/30/2015	10/30/2015
Methyl parathion	4.81	ug/L	5	96.2	8.0	0-50	10/30/2015	10/30/2015
Ethyl parathion	4.35	ug/L	5	87.0	5.4	0-50	10/30/2015	10/30/2015
Disulfoton	5.34	ug/L	5	106.8	5.0	0-50	10/30/2015	10/30/2015
bis(2-Ethylhexyl)phthalate	5.64	ug/L	5	112.8	3.2	0-50	10/30/2015	10/30/2015
Acenaphthene	4.86	ug/L	5	97.2	1.0	0-23	10/30/2015	10/30/2015
4-Nitrophenol	3.29	ug/L	5	65.8	14.7	0-50	10/30/2015	10/30/2015
4-Chloro-3-methylphenol	4.53	ug/L	5	90.6	4.3	0-33	10/30/2015	10/30/2015
2-Chlorophenol	4.14	ug/L	5	82.8	1.2	0-50	10/30/2015	10/30/2015
2,4-Dinitrotoluene	4.58	ug/L	5	91.6	2.9	0-47	10/30/2015	10/30/2015
1,4-Dichlorobenzene	3.10	ug/L	5	62.0	10.7	0-27	10/30/2015	10/30/2015

Comments:

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Project Name: 1510D14

Analytical Results Report

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Lab Control Sample Duplicate

Parameter	LCSD Result	Units	LCSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
1,2,4-Trichlorobenzene	3.57	ug/L	5	71.4	3.8	0-27	10/30/2015	10/30/2015

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
151028029-002A	Pyrene	ND	4.40	ug/L	5	88.0	41-133	10/30/2015	10/30/2015
151028029-002A	Phenol	ND	4.18	ug/L	5	83.6	42-134	10/30/2015	10/30/2015
151028029-002A	Pentachlorophenol	ND	3.58	ug/L	5	71.6	27-148	10/30/2015	10/30/2015
151028029-002A	n-Nitroso-di-n-propylamine	ND	4.49	ug/L	5	89.8	51-144	10/30/2015	10/30/2015
151028029-002A	bis(2-Ethylhexyl)phthalate	ND	5.81	ug/L	5	116.2	30-180	10/30/2015	10/30/2015
151028029-002A	Acenaphthene	ND	4.92	ug/L	5	98.4	56-120	10/30/2015	10/30/2015
151028029-002A	4-Nitrophenol	ND	2.30	ug/L	5	46.0	20-160	10/30/2015	10/30/2015
151028029-002A	4-Chloro-3-methylphenol	ND	4.35	ug/L	5	87.0	40-151	10/30/2015	10/30/2015
151028029-002A	2-Chlorophenol	ND	4.07	ug/L	5	81.4	53-120	10/30/2015	10/30/2015
151028029-002A	2,4-Dinitrotoluene	ND	4.50	ug/L	5	90.0	49-130	10/30/2015	10/30/2015
151028029-002A	1,4-Dichlorobenzene	ND	3.38	ug/L	5	67.6	46-110	10/30/2015	10/30/2015
151028029-002A	1,2,4-Trichlorobenzene	ND	3.60	ug/L	5	72.0	42-115	10/30/2015	10/30/2015
151028029-002A	Methyl parathion	ND	4.33	ug/L	5	86.6	70-135	10/30/2015	10/30/2015
151028029-002A	Ethyl parathion	ND	3.90	ug/L	5	78.0	70-135	10/30/2015	10/30/2015
151028029-002A	Disulfoton	ND	5.18	ug/L	5	103.6	70-135	10/30/2015	10/30/2015

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Parameter	Result	Units	PQL	Prep Date	Analysis Date
1,2,4,5-Tetrachlorobenzene	ND	ug/L	5	10/30/2015	10/30/2015
1,2,4-Trichlorobenzene	ND	ug/L	5	10/30/2015	10/30/2015
1,2-Dichlorobenzene	ND	ug/L	5	10/30/2015	10/30/2015
1,2-Diphenyl hydrazine	ND	ug/L	5	10/30/2015	10/30/2015
1,3,5-TNB	ND	ug/L	5	10/30/2015	10/30/2015
1,3-Dichlorobenzene	ND	ug/L	5	10/30/2015	10/30/2015
1,3-DNB	ND	ug/L	5	10/30/2015	10/30/2015
1,4-Dichlorobenzene	ND	ug/L	5	10/30/2015	10/30/2015
1,4-Dioxane	ND	ug/L	5	10/30/2015	10/30/2015
1,4-Naphthoquinone	ND	ug/L	5	10/30/2015	10/30/2015

Comments:

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Project Name: 1510D14

Analytical Results Report

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Parameter	Result	Units	PQL	Prep Date	Analysis Date
1-Naphthylamine	ND	ug/L	5	10/30/2015	10/30/2015
2,2-Oxybis(1-chloropropane)	ND	ug/L	5	10/30/2015	10/30/2015
2,3,4,6-Tetrachlorophenol	ND	ug/L	5	10/30/2015	10/30/2015
2,3,5,6-Tetrachlorophenol	ND	ug/L	5	10/30/2015	10/30/2015
2,4,5-Trichlorophenol	ND	ug/L	5	10/30/2015	10/30/2015
2,4,6-Trichlorophenol	ND	ug/L	5	10/30/2015	10/30/2015
2,4-Dichlorophenol	ND	ug/L	5	10/30/2015	10/30/2015
2,4-Dimethylphenol	ND	ug/L	5	10/30/2015	10/30/2015
2,4-Dinitrophenol	ND	ug/L	5	10/30/2015	10/30/2015
2,4-Dinitrotoluene	ND	ug/L	5	10/30/2015	10/30/2015
2,6-Dichlorophenol	ND	ug/L	5	10/30/2015	10/30/2015
2,6-Dinitrotoluene	ND	ug/L	5	10/30/2015	10/30/2015
2-Acetylaminofluorene	ND	ug/L	5	10/30/2015	10/30/2015
2-Chloronaphthalene	ND	ug/L	5	10/30/2015	10/30/2015
2-Chlorophenol	ND	ug/L	5	10/30/2015	10/30/2015
2-Methylnaphthalene	ND	ug/L	5	10/30/2015	10/30/2015
2-Methylphenol	ND	ug/L	5	10/30/2015	10/30/2015
2-Naphthylamine	ND	ug/L	5	10/30/2015	10/30/2015
2-Nitroaniline	ND	ug/L	5	10/30/2015	10/30/2015
2-Nitrophenol	ND	ug/L	5	10/30/2015	10/30/2015
2-Picoline	ND	ug/L	5	10/30/2015	10/30/2015
3,3'-Dichlorobenzidine	ND	ug/L	5	10/30/2015	10/30/2015
3,3-Dimethylbenzidine	ND	ug/L	5	10/30/2015	10/30/2015
3+4-Methylphenol	ND	ug/L	5	10/30/2015	10/30/2015
3-Methylcholanthrene	ND	ug/L	5	10/30/2015	10/30/2015
3-Nitroaniline	ND	ug/L	5	10/30/2015	10/30/2015
4,6-Dinitro-2-methylphenol	ND	ug/L	5	10/30/2015	10/30/2015
4-Aminobiphenyl	ND	ug/L	5	10/30/2015	10/30/2015
4-Bromophenyl-phenylether	ND	ug/L	5	10/30/2015	10/30/2015
4-Chloro-3-methylphenol	ND	ug/L	5	10/30/2015	10/30/2015
4-Chloroaniline	ND	ug/L	5	10/30/2015	10/30/2015
4-Chlorophenyl-phenylether	ND	ug/L	5	10/30/2015	10/30/2015
4-Nitroaniline	ND	ug/L	5	10/30/2015	10/30/2015
4-Nitrophenol	ND	ug/L	5	10/30/2015	10/30/2015
4-Nitroquinoline-1-oxide	ND	ug/L	5	10/30/2015	10/30/2015

Comments:

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Parameter	Result	Units	PQL	Prep Date	Analysis Date
5-Nitro-o-toluidine	ND	ug/L	5	10/30/2015	10/30/2015
7,12-Dimethylbenz(a)anthracene	ND	ug/L	5	10/30/2015	10/30/2015
a,a-Dimethylphenethylamine	ND	ug/L	5	10/30/2015	10/30/2015
Acenaphthene	ND	ug/L	5	10/30/2015	10/30/2015
Acenaphthylene	ND	ug/L	5	10/30/2015	10/30/2015
Acetophenone	ND	ug/L	5	10/30/2015	10/30/2015
Aniline	ND	ug/L	5	10/30/2015	10/30/2015
Anthracene	ND	ug/L	5	10/30/2015	10/30/2015
Aramite	ND	ug/L	5	10/30/2015	10/30/2015
Benzo(ghi)perylene	ND	ug/L	5	10/30/2015	10/30/2015
Benzo[a]anthracene	ND	ug/L	0.1	10/30/2015	10/30/2015
Benzo[a]pyrene	ND	ug/L	0.1	10/30/2015	10/30/2015
Benzo[b]fluoranthene	ND	ug/L	0.1	10/30/2015	10/30/2015
Benzo[k]fluoranthene	ND	ug/L	0.1	10/30/2015	10/30/2015
Benzyl alcohol	ND	ug/L	5	10/30/2015	10/30/2015
bis(2-Chloroethoxy)methane	ND	ug/L	5	10/30/2015	10/30/2015
bis(2-Chloroethyl)ether	ND	ug/L	5	10/30/2015	10/30/2015
bis(2-chloroisopropyl)ether	ND	ug/L	5	10/30/2015	10/30/2015
bis(2-Ethylhexyl)phthalate	ND	ug/L	5	10/30/2015	10/30/2015
Butylbenzylphthalate	ND	ug/L	5	10/30/2015	10/30/2015
Carbazole	ND	ug/L	5	10/30/2015	10/30/2015
Chlorobenzilate	ND	ug/L	5	10/30/2015	10/30/2015
Chrysene	ND	ug/L	0.1	10/30/2015	10/30/2015
Diallate	ND	ug/L	5	10/30/2015	10/30/2015
Dibenz[a,h]anthracene	ND	ug/L	0.1	10/30/2015	10/30/2015
Dibenzofuran	ND	ug/L	5	10/30/2015	10/30/2015
Diethylphthalate	ND	ug/L	5	10/30/2015	10/30/2015
Dimethoate	ND	ug/L	5	10/30/2015	10/30/2015
Dimethylphthalate	ND	ug/L	5	10/30/2015	10/30/2015
Di-n-butylphthalate	ND	ug/L	5	10/30/2015	10/30/2015
Di-n-octylphthalate	ND	ug/L	5	10/30/2015	10/30/2015
diphenylamine	ND	ug/L	5	10/30/2015	10/30/2015
Disulfoton	ND	ug/L	0.5	10/30/2015	10/30/2015
Disulfoton	ND	ug/L	5	10/30/2015	10/30/2015
Ethyl methanesulfonate	ND	ug/L	5	10/30/2015	10/30/2015

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Parameter	Result	Units	PQL	Prep Date	Analysis Date
Ethyl parathion	ND	ug/L	5	10/30/2015	10/30/2015
Ethyl parathion	ND	ug/L	0.5	10/30/2015	10/30/2015
Famphur	ND	ug/L	5	10/30/2015	10/30/2015
Fluoranthene	ND	ug/L	5	10/30/2015	10/30/2015
Fluorene	ND	ug/L	5	10/30/2015	10/30/2015
Hexachlorobenzene	ND	ug/L	1	10/30/2015	10/30/2015
Hexachlorobutadiene	ND	ug/L	5	10/30/2015	10/30/2015
Hexachlorocyclopentadiene	ND	ug/L	5	10/30/2015	10/30/2015
Hexachloroethane	ND	ug/L	5	10/30/2015	10/30/2015
Hexachloropropene	ND	ug/L	5	10/30/2015	10/30/2015
Hexachorophene	ND	ug/L	5	10/30/2015	10/30/2015
Indeno[1,2,3-cd]pyrene	ND	ug/L	0.1	10/30/2015	10/30/2015
Isodrin	ND	ug/L	5	10/30/2015	10/30/2015
Isophorone	ND	ug/L	5	10/30/2015	10/30/2015
Isosafrole	ND	ug/L	5	10/30/2015	10/30/2015
Kepone	ND	ug/L	5	10/30/2015	10/30/2015
Methapyrilene	ND	ug/L	5	10/30/2015	10/30/2015
Methyl methanesulfonate	ND	ug/L	5	10/30/2015	10/30/2015
Methyl parathion	ND	ug/L	0.5	10/30/2015	10/30/2015
Methyl parathion	ND	ug/L	5	10/30/2015	10/30/2015
Naphthalene	ND	ug/L	5	10/30/2015	10/30/2015
Nitrobenzene	ND	ug/L	5	10/30/2015	10/30/2015
Nitrosodimethylamine	ND	ug/L	5	10/30/2015	10/30/2015
n-nitrosodibutylamine	ND	ug/L	5	10/30/2015	10/30/2015
n-Nitrosodiethylamine	ND	ug/L	5	10/30/2015	10/30/2015
n-Nitroso-di-n-propylamine	ND	ug/L	5	10/30/2015	10/30/2015
n-Nitrosodiphenylamine	ND	ug/L	2	10/30/2015	10/30/2015
n-Nitrosomethylethylamine	ND	ug/L	2	10/30/2015	10/30/2015
n-Nitrosomorpholine	ND	ug/L	5	10/30/2015	10/30/2015
n-Nitrosopiperadine	ND	ug/L	5	10/30/2015	10/30/2015
n-Nitrosopyrrolidine	ND	ug/L	5	10/30/2015	10/30/2015
o,o,o-Triethyl phosphorothioate	ND	ug/L	5	10/30/2015	10/30/2015
o-Toluidine	ND	ug/L	2	10/30/2015	10/30/2015
p-(Dimethylamino)azobenzene	ND	ug/L	5	10/30/2015	10/30/2015
Pentachlorobenzene	ND	ug/L	5	10/30/2015	10/30/2015

Comments:

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Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Pentachloroethane	ND	ug/L	5	10/30/2015	10/30/2015
Pentachloronitrobenzene	ND	ug/L	5	10/30/2015	10/30/2015
Pentachlorophenol	ND	ug/L	5	10/30/2015	10/30/2015
Phenacetin	ND	ug/L	5	10/30/2015	10/30/2015
Phenanthrene	ND	ug/L	1	10/30/2015	10/30/2015
Phenol	ND	ug/L	5	10/30/2015	10/30/2015
Phorate	ND	ug/L	5	10/30/2015	10/30/2015
p-Phenylenediamine	ND	ug/L	5	10/30/2015	10/30/2015
Pronamide	ND	ug/L	5	10/30/2015	10/30/2015
Pyrene	ND	ug/L	5	10/30/2015	10/30/2015
Pyridine	ND	ug/L	5	10/30/2015	10/30/2015
Safrole	ND	ug/L	5	10/30/2015	10/30/2015
Sulfotep	ND	ug/L	5	10/30/2015	10/30/2015
Thionazin	ND	ug/L	5	10/30/2015	10/30/2015

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	151029038
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	1510D14
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	151029038-001	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-001D / PSMW-1R	**Sampling Time**	2:25 PM		
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Acetonitrile	ND	ug/L	10	11/2/2015	SAT	EPA 8260C	
Acrolein	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
Allyl Chloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroprene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Ethyl methacrylate	ND	ug/L	1	11/2/2015	SAT	EPA 8260C	
Iodomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Isobutanol	ND	ug/L	10	11/2/2015	SAT	EPA 8260C	
Methacrylonitrile	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
Methyl Methacrylate	ND	ug/L	1	11/2/2015	SAT	EPA 8260C	
Propionitrile	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
trans-1-4-Dichloro-2-butene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Vinyl acetate	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,1-Trichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,2-Trichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-Dichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-Dichloroethene	0.54	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,3-Trichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,3-Trichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,4-Trichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,4-Trimethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dibromoethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3,5-Trimethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,4-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
2,2-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
2-Chlorotoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-001	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-001D / PSMW-1R	**Sampling Time**	2:25 PM		
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
2-hexanone	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
4-Chlorotoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Acetone	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
Acrylonitrile	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Benzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromochloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromodichloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromoform	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Carbon disulfide	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Carbon Tetrachloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroform	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
cis-1,2-dichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
cis-1,3-Dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dibromochloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dibromomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dichlorodifluoromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Ethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Hexachlorobutadiene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Isopropylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
m+p-Xylene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
Methylene chloride	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Naphthalene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
n-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
n-Propylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
o-Xylene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
p-Isopropyltoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
sec-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-001	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-001D / PSMW-1R	**Sampling Time**	2:25 PM		
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Styrene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
tert-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Tetrachloroethene	2.72	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Toluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
trans-1,2-Dichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
trans-1,3-Dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Trichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Trichloroflouromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Vinyl Chloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	

Surrogate Data

Sample Number 151029038-001

Surrogate Standard	Method	Percent Recovery	Control Limits
1,2-Dichlorobenzene-d4	EPA 8260C	91.6	70-130
4-Bromofluorobenzene	EPA 8260C	96.0	70-130
Toluene-d8	EPA 8260C	99.6	70-130

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Address: 4901 HAWKINS NE SUITE D
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Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-006	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-002D / PSMW-8B	**Sampling Time**	3:35 PM		
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Acetonitrile	ND	ug/L	10	11/2/2015	SAT	EPA 8260C	
Acrolein	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
Allyl Chloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroprene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Ethyl methacrylate	ND	ug/L	1	11/2/2015	SAT	EPA 8260C	
Iodomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Isobutanol	ND	ug/L	10	11/2/2015	SAT	EPA 8260C	
Methacrylonitrile	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
Methyl Methacrylate	ND	ug/L	1	11/2/2015	SAT	EPA 8260C	
Propionitrile	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
trans-1-4-Dichloro-2-butene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Vinyl acetate	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,1-Trichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,2-Trichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-Dichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-Dichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,3-Trichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,3-Trichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,4-Trichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,4-Trimethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dibromoethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3,5-Trimethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,4-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
2,2-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
2-Chlorotoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
2-hexanone	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-006	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-002D / PSMW-8B	**Sampling Time**	3:35 PM		
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
4-Chlorotoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Acetone	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
Acrylonitrile	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Benzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromochloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromodichloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromoform	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Carbon disulfide	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Carbon Tetrachloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroform	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
cis-1,2-dichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
cis-1,3-Dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dibromochloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dibromomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dichlorodifluoromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Ethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Hexachlorobutadiene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Isopropylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
m+p-Xylene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
Methylene chloride	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Naphthalene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
n-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
n-Propylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
o-Xylene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
p-Isopropyltoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
sec-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Styrene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
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Client:	HALL ENVIRONMENTAL ANALYSIS LAB	**Batch #:**	151029038
Address:	4901 HAWKINS NE SUITE D ALBUQUERQUE, NM 87109	**Project Name:**	1510D14
Attn:	ANDY FREEMAN		

Analytical Results Report

Sample Number	151029038-006	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-002D / PSMW-8B	**Sampling Time**	3:35 PM		
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
tert-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Tetrachloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Toluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
trans-1,2-Dichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
trans-1,3-Dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Trichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Trichloroflouromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Vinyl Chloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	

Surrogate Data

Sample Number 151029038-006

Surrogate Standard	Method	Percent Recovery	Control Limits
1,2-Dichlorobenzene-d4	EPA 8260C	90.4	70-130
4-Bromofluorobenzene	EPA 8260C	95.2	70-130
Toluene-d8	EPA 8260C	100.0	70-130

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-011	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-003D / PSMW-10	**Sampling Time**	4:25 PM		
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Acetonitrile	ND	ug/L	10	11/2/2015	SAT	EPA 8260C	
Acrolein	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
Allyl Chloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroprene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Ethyl methacrylate	ND	ug/L	1	11/2/2015	SAT	EPA 8260C	
Iodomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Isobutanol	ND	ug/L	10	11/2/2015	SAT	EPA 8260C	
Methacrylonitrile	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
Methyl Methacrylate	ND	ug/L	1	11/2/2015	SAT	EPA 8260C	
Propionitrile	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
trans-1-4-Dichloro-2-butene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Vinyl acetate	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,1-Trichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,2-Trichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-Dichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-Dichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,3-Trichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,3-Trichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,4-Trichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,4-Trimethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dibromoethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3,5-Trimethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,4-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
2,2-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
2-Chlorotoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
2-hexanone	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	

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Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-011	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-003D / PSMW-10	**Sampling Time**	4:25 PM		
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
4-Chlorotoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Acetone	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
Acrylonitrile	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Benzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromochloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromodichloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromoform	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Carbon disulfide	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Carbon Tetrachloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroform	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
cis-1,2-dichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
cis-1,3-Dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dibromochloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dibromomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dichlorodifluoromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Ethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Hexachlorobutadiene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Isopropylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
m+p-Xylene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
Methylene chloride	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Naphthalene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
n-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
n-Propylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
o-Xylene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
p-isopropyltoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
sec-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Styrene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-011	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-003D / PSMW-10	**Sampling Time**	4:25 PM		
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
tert-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Tetrachloroethene	0.57	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Toluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
trans-1,2-Dichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
trans-1,3-Dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Trichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Trichloroflouromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Vinyl Chloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	

Surrogate Data

Sample Number 151029038-011

Surrogate Standard	Method	Percent Recovery	Control Limits
1,2-Dichlorobenzene-d4	EPA 8260C	90.8	70-130
4-Bromofluorobenzene	EPA 8260C	96.4	70-130
Toluene-d8	EPA 8260C	99.2	70-130

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Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-016	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-004B / TRIP BLANK	**Sampling Time**			
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Acetonitrile	ND	ug/L	10	11/2/2015	SAT	EPA 8260C	
Acrolein	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
Allyl Chloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroprene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Ethyl methacrylate	ND	ug/L	1	11/2/2015	SAT	EPA 8260C	
Iodomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Isobutanol	ND	ug/L	10	11/2/2015	SAT	EPA 8260C	
Methacrylonitrile	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
Methyl Methacrylate	ND	ug/L	1	11/2/2015	SAT	EPA 8260C	
Propionitrile	ND	ug/L	5	11/2/2015	SAT	EPA 8260C	
trans-1-4-Dichloro-2-butene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Vinyl acetate	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,1-Trichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1,2-Trichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-Dichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-Dichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,1-dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,3-Trichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,3-Trichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,4-Trichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2,4-Trimethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dibromo-3-chloropropane(DBCP)	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dibromoethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,2-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3,5-Trimethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,3-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
1,4-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
2,2-Dichloropropane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
2-Chlorotoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
2-hexanone	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	

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Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-016	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-004B / TRIP BLANK	**Sampling Time**			
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
4-Chlorotoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Acetone	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
Acrylonitrile	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Benzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromochloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromodichloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromoform	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Bromomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Carbon disulfide	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Carbon Tetrachloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chlorobenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloroform	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Chloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
cis-1,2-dichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
cis-1,3-Dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dibromochloromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dibromomethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Dichlorodifluoromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Ethylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Hexachlorobutadiene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Isopropylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
m+p-Xylene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Methyl ethyl ketone (MEK)	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
Methylene chloride	ND	ug/L	2.5	11/2/2015	SAT	EPA 8260C	
methyl-t-butyl ether (MTBE)	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Naphthalene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
n-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
n-Propylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
o-Xylene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
p-isopropyltoluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
sec-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Styrene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	

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Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-016	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-004B / TRIP BLANK	**Sampling Time**			
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
tert-Butylbenzene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Tetrachloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Toluene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
trans-1,2-Dichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
trans-1,3-Dichloropropene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Trichloroethene	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Trichloroflouromethane	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	
Vinyl Chloride	ND	ug/L	0.5	11/2/2015	SAT	EPA 8260C	

Surrogate Data

Sample Number 151029038-016

Surrogate Standard	Method	Percent Recovery	Control Limits
1,2-Dichlorobenzene-d4	EPA 8260C	91.2	70-130
4-Bromofluorobenzene	EPA 8260C	97.2	70-130
Toluene-d8	EPA 8260C	99.2	70-130

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Trichloroethene	10.2	ug/L	10	102.0	80-120	11/2/2015	11/2/2015
Toluene	9.65	ug/L	10	96.5	80-120	11/2/2015	11/2/2015
Tetrachloroethene	9.94	ug/L	10	99.4	80-120	11/2/2015	11/2/2015
o-Xylene	10.5	ug/L	10	105.0	80-120	11/2/2015	11/2/2015
Ethylbenzene	9.69	ug/L	10	96.9	80-120	11/2/2015	11/2/2015
Chlorobenzene	9.47	ug/L	10	94.7	80-120	11/2/2015	11/2/2015
Benzene	9.21	ug/L	10	92.1	80-120	11/2/2015	11/2/2015
1,1-Dichloroethene	10.2	ug/L	10	102.0	80-120	11/2/2015	11/2/2015

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
151028029-001	Trichloroethene	ND	9.86	ug/L	10	98.6	70-130	11/2/2015	11/2/2015
151028029-001	Toluene	ND	9.60	ug/L	10	96.0	70-130	11/2/2015	11/2/2015
151028029-001	Tetrachloroethene	ND	10.5	ug/L	10	105.0	70-130	11/2/2015	11/2/2015
151028029-001	o-Xylene	ND	10.1	ug/L	10	101.0	70-130	11/2/2015	11/2/2015
151028029-001	Ethylbenzene	ND	9.38	ug/L	10	93.8	70-130	11/2/2015	11/2/2015
151028029-001	Chlorobenzene	ND	9.62	ug/L	10	96.2	70-130	11/2/2015	11/2/2015
151028029-001	Benzene	ND	8.97	ug/L	10	89.7	70-130	11/2/2015	11/2/2015
151028029-001	1,1-Dichloroethene	ND	8.35	ug/L	10	83.5	70-130	11/2/2015	11/2/2015

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Trichloroethene	9.44	ug/L	10	94.4	4.4	0-25	11/2/2015	11/2/2015
Toluene	9.34	ug/L	10	93.4	2.7	0-25	11/2/2015	11/2/2015
Tetrachloroethene	10.4	ug/L	10	104.0	1.0	0-25	11/2/2015	11/2/2015
o-Xylene	9.90	ug/L	10	99.0	2.0	0-25	11/2/2015	11/2/2015
Ethylbenzene	9.19	ug/L	10	91.9	2.0	0-25	11/2/2015	11/2/2015
Chlorobenzene	9.33	ug/L	10	93.3	3.1	0-25	11/2/2015	11/2/2015
Benzene	8.75	ug/L	10	87.5	2.5	0-25	11/2/2015	11/2/2015
1,1-Dichloroethene	8.16	ug/L	10	81.6	2.3	0-25	11/2/2015	11/2/2015

Comments:

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Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
1,1,1,2-Tetrachloroethane	ND	ug/L	0.5	11/2/2015	11/2/2015
1,1,1-Trichloroethane	ND	ug/L	0.5	11/2/2015	11/2/2015
1,1,2,2-Tetrachloroethane	ND	ug/L	0.5	11/2/2015	11/2/2015
1,1,2-Trichloroethane	ND	ug/L	0.5	11/2/2015	11/2/2015
1,1-Dichloroethane	ND	ug/L	0.5	11/2/2015	11/2/2015
1,1-Dichloroethene	ND	ug/L	0.5	11/2/2015	11/2/2015
1,1-dichloropropene	ND	ug/L	0.5	11/2/2015	11/2/2015
1,2,3-Trichlorobenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
1,2,3-Trichloropropane	ND	ug/L	0.5	11/2/2015	11/2/2015
1,2,4-Trichlorobenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
1,2,4-Trimethylbenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
1,2-Dibromo-3-chloropropane(DBCP)	ND	ug/L	0.5	11/2/2015	11/2/2015
1,2-Dibromoethane	ND	ug/L	0.5	11/2/2015	11/2/2015
1,2-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
1,2-Dichloroethane	ND	ug/L	0.5	11/2/2015	11/2/2015
1,2-Dichloropropane	ND	ug/L	0.5	11/2/2015	11/2/2015
1,3,5-Trimethylbenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
1,3-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
1,3-Dichloropropane	ND	ug/L	0.5	11/2/2015	11/2/2015
1,4-Dichlorobenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
2,2-Dichloropropane	ND	ug/L	0.5	11/2/2015	11/2/2015
2-Chlorotoluene	ND	ug/L	0.5	11/2/2015	11/2/2015
2-hexanone	ND	ug/L	2.5	11/2/2015	11/2/2015
4-Chlorotoluene	ND	ug/L	0.5	11/2/2015	11/2/2015
Acetone	ND	ug/L	2.5	11/2/2015	11/2/2015
Acrylonitrile	ND	ug/L	0.5	11/2/2015	11/2/2015
Benzene	ND	ug/L	0.5	11/2/2015	11/2/2015
Bromobenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
Bromochloromethane	ND	ug/L	0.5	11/2/2015	11/2/2015
Bromodichloromethane	ND	ug/L	0.5	11/2/2015	11/2/2015
Bromoform	ND	ug/L	0.5	11/2/2015	11/2/2015
Bromomethane	ND	ug/L	0.5	11/2/2015	11/2/2015
Carbon disulfide	ND	ug/L	0.5	11/2/2015	11/2/2015
Carbon Tetrachloride	ND	ug/L	0.5	11/2/2015	11/2/2015
Chlorobenzene	ND	ug/L	0.5	11/2/2015	11/2/2015

Comments:

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Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Quality Control Data

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Chloroethane	ND	ug/L	0.5	11/2/2015	11/2/2015
Chloroform	ND	ug/L	0.5	11/2/2015	11/2/2015
Chloromethane	ND	ug/L	0.5	11/2/2015	11/2/2015
cis-1,2-dichloroethene	ND	ug/L	0.5	11/2/2015	11/2/2015
cis-1,3-Dichloropropene	ND	ug/L	0.5	11/2/2015	11/2/2015
Dibromochloromethane	ND	ug/L	0.5	11/2/2015	11/2/2015
Dibromomethane	ND	ug/L	0.5	11/2/2015	11/2/2015
Dichlorodifluoromethane	ND	ug/L	0.5	11/2/2015	11/2/2015
Ethylbenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
Hexachlorobutadiene	ND	ug/L	0.5	11/2/2015	11/2/2015
Isopropylbenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
m+p-Xylene	ND	ug/L	0.5	11/2/2015	11/2/2015
Methyl ethyl ketone (MEK)	ND	ug/L	2.5	11/2/2015	11/2/2015
Methyl isobutyl ketone (MIBK)	ND	ug/L	2.5	11/2/2015	11/2/2015
Methylene chloride	ND	ug/L	2.5	11/2/2015	11/2/2015
methyl-t-butyl ether (MTBE)	ND	ug/L	0.5	11/2/2015	11/2/2015
Naphthalene	ND	ug/L	0.5	11/2/2015	11/2/2015
n-Butylbenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
n-Propylbenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
o-Xylene	ND	ug/L	0.5	11/2/2015	11/2/2015
p-Isopropyltoluene	ND	ug/L	0.5	11/2/2015	11/2/2015
sec-Butylbenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
Styrene	ND	ug/L	0.5	11/2/2015	11/2/2015
tert-Butylbenzene	ND	ug/L	0.5	11/2/2015	11/2/2015
Tetrachloroethene	ND	ug/L	0.5	11/2/2015	11/2/2015
Toluene	ND	ug/L	0.5	11/2/2015	11/2/2015
trans-1,2-Dichloroethene	ND	ug/L	0.5	11/2/2015	11/2/2015
trans-1,3-Dichloropropene	ND	ug/L	0.5	11/2/2015	11/2/2015
Trichloroethene	ND	ug/L	0.5	11/2/2015	11/2/2015
Trichloroflouromethane	ND	ug/L	0.5	11/2/2015	11/2/2015
Vinyl Chloride	ND	ug/L	0.5	11/2/2015	11/2/2015

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments:

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Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-003	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-001F / PSMW-1R	**Sampling Time**	2:25 PM	**Extraction Date**	11/2/2015
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
2,4,5-T	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
2,4,5-TP (Silvex)	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
2,4-D	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
2,4-DB	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Chloramben	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dacthal	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dalapon	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dicamba	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dichloroprop	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dinoseb	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Pentachlorophenol	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Picloram	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	

Surrogate Data

Sample Number 151029038-003

Surrogate Standard	Method	Percent Recovery	Control Limits
2,4-Dichlorophenylacetic acid	EPA 8151A	85.0	65-135

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Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-008	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-002F / PSMW-8B	**Sampling Time**	3:35 PM	**Extraction Date**	11/2/2015
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
2,4,5-T	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
2,4,5-TP (Silvex)	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
2,4-D	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
2,4-DB	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Chloramben	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dacthal	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dalapon	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dicamba	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dichloroprop	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dinoseb	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Pentachlorophenol	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Picloram	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	

Surrogate Data

Sample Number 151029038-008

Surrogate Standard	Method	Percent Recovery	Control Limits
2,4-Dichlorophenylacetic acid	EPA 8151A	83.0	65-135

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Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number	151029038-013	**Sampling Date**	10/27/2015	**Date/Time Received**	10/29/2015 2:55 PM
Client Sample ID	1510D14-003F / PSMW-10	**Sampling Time**	4:25 PM	**Extraction Date**	11/2/2015
Matrix	Water	**Sample Location**			
Comments					

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
2,4,5-T	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
2,4,5-TP (Silvex)	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
2,4-D	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
2,4-DB	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Chloramben	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dacthal	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dalapon	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dicamba	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dichloroprop	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Dinoseb	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Pentachlorophenol	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	
Picloram	ND	ug/L	0.1	11/9/2015	MAH	EPA 8151A	

Surrogate Data

Sample Number 151029038-013

Surrogate Standard	Method	Percent Recovery	Control Limits
2,4-Dichlorophenylacetic acid	EPA 8151A	88.0	65-135

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Batch #: 151029038
Project Name: 1510D14

Analytical Results Report
Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Picloram	4.33	ug/L	5	86.6	70-137	11/2/2015	11/9/2015
Pentachlorophenol	0.482	ug/L	0.5	96.4	51-156	11/2/2015	11/9/2015
Dinoseb	4.60	ug/L	5	92.0	61-149	11/2/2015	11/9/2015
Dichloroprop	5.74	ug/L	5	114.8	52-152	11/2/2015	11/9/2015
Dicamba	2.66	ug/L	2.5	106.4	64-140	11/2/2015	11/9/2015
Dalapon	4.52	ug/L	5	90.4	73-140	11/2/2015	11/9/2015
Dacthal	2.48	ug/L	2.5	99.2	63-141	11/2/2015	11/9/2015
Chloramben	2.15	ug/L	2.5	86.0	50-139	11/2/2015	11/9/2015
2,4-DB	4.03	ug/L	5	80.6	64-141	11/2/2015	11/9/2015
2,4-D	5.24	ug/L	5	104.8	59-142	11/2/2015	11/9/2015
2,4,5-TP (Silvex)	1.30	ug/L	1.25	104.0	67-144	11/2/2015	11/9/2015
2,4,5-T	1.23	ug/L	1.25	98.4	65-143	11/2/2015	11/9/2015

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
151029038-013	Picloram	ND	4.56	ug/L	5	91.2	63-152	11/2/2015	11/9/2015
151029038-013	Pentachlorophenol	ND	0.508	ug/L	0.5	101.6	20-181	11/2/2015	11/9/2015
151029038-013	Dinoseb	ND	4.81	ug/L	5	96.2	62-143	11/2/2015	11/9/2015
151029038-013	Dichloroprop	ND	5.73	ug/L	5	114.6	53-154	11/2/2015	11/9/2015
151029038-013	Dicamba	ND	2.66	ug/L	2.5	106.4	44-158	11/2/2015	11/9/2015
151029038-013	Dalapon	ND	3.29	ug/L	5	65.8	63-155	11/2/2015	11/9/2015
151029038-013	Dacthal	ND	2.56	ug/L	2.5	102.4	67-136	11/2/2015	11/9/2015
151029038-013	Chloramben	ND	2.31	ug/L	2.5	92.4	41-148	11/2/2015	11/9/2015
151029038-013	2,4-DB	ND	3.99	ug/L	5	79.8	50-169	11/2/2015	11/9/2015
151029038-013	2,4-D	ND	5.41	ug/L	5	108.2	30-178	11/2/2015	11/9/2015
151029038-013	2,4,5-TP (Silvex)	ND	1.24	ug/L	1.25	99.2	56-153	11/2/2015	11/9/2015
151029038-013	2,4,5-T	ND	1.23	ug/L	1.25	98.4	43-161	11/2/2015	11/9/2015

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Picloram	4.97	ug/L	5	99.4	8.6	0-50	11/2/2015	11/9/2015
Pentachlorophenol	0.529	ug/L	0.5	105.8	4.1	0-50	11/2/2015	11/9/2015
Dinoseb	5.14	ug/L	5	102.8	6.6	0-50	11/2/2015	11/9/2015

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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504 E Sprague Ste. D • Spokane WA 99202 • (509) 838-3999 • Fax (509) 838-4433 • email spokane@anateklabs.com

Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Quality Control Data

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Dichloroprop	5.15	ug/L	5	103.0	10.7	0-50	11/2/2015	11/9/2015
Dicamba	2.73	ug/L	2.5	109.2	2.6	0-50	11/2/2015	11/9/2015
Dalapon	3.49	ug/L	5	69.8	5.9	0-50	11/2/2015	11/9/2015
Dacthal	2.66	ug/L	2.5	106.4	3.8	0-50	11/2/2015	11/9/2015
Chloramben	2.40	ug/L	2.5	96.0	3.8	0-50	11/2/2015	11/9/2015
2,4-DB	4.14	ug/L	5	82.8	3.7	0-50	11/2/2015	11/9/2015
2,4-D	5.17	ug/L	5	103.4	4.5	0-50	11/2/2015	11/9/2015
2,4,5-TP (Silvex)	1.35	ug/L	1.25	108.0	8.5	0-50	11/2/2015	11/9/2015
2,4,5-T	1.25	ug/L	1.25	100.0	1.6	0-50	11/2/2015	11/9/2015

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
2,4,5-T	ND	ug/L	0.1	11/2/2015	11/9/2015
2,4,5-TP (Silvex)	ND	ug/L	0.1	11/2/2015	11/9/2015
2,4-D	ND	ug/L	0.1	11/2/2015	11/9/2015
2,4-DB	ND	ug/L	0.1	11/2/2015	11/9/2015
Chloramben	ND	ug/L	0.1	11/2/2015	11/9/2015
Dacthal	ND	ug/L	0.1	11/2/2015	11/9/2015
Dalapon	ND	ug/L	0.1	11/2/2015	11/9/2015
Dicamba	ND	ug/L	0.1	11/2/2015	11/9/2015
Dichloroprop	ND	ug/L	0.1	11/2/2015	11/9/2015
Dinoseb	ND	ug/L	0.1	11/2/2015	11/9/2015
Pentachlorophenol	ND	ug/L	0.1	11/2/2015	11/9/2015
Picloram	ND	ug/L	0.1	11/2/2015	11/9/2015

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number 151029038-004 **Sampling Date** 10/27/2015 **Date/Time Received** 10/29/2015 2:55 PM
Client Sample ID 1510D14-001G / PSMW-1R **Sampling Time** 2:25 PM
Matrix Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Sulfide	ND	mg/L	0.52	10/30/2015	KMC	SM4500S2F	

Sample Number 151029038-009 **Sampling Date** 10/27/2015 **Date/Time Received** 10/29/2015 2:55 PM
Client Sample ID 1510D14-002G / PSMW-8B **Sampling Time** 3:35 PM
Matrix Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Sulfide	ND	mg/L	0.42	10/30/2015	KMC	SM4500S2F	

Sample Number 151029038-014 **Sampling Date** 10/27/2015 **Date/Time Received** 10/29/2015 2:55 PM
Client Sample ID 1510D14-003G / PSMW-10 **Sampling Time** 4:25 PM
Matrix Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Sulfide	ND	mg/L	0.4	10/30/2015	KMC	SM4500S2F	

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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The results reported relate only to the samples indicated.
Soil/solid results are reported on a dry-weight basis unless otherwise noted.

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Sulfide	0.2	mg/L	0.2	100.0	70-130	10/30/2015	10/30/2015

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
151028029-004	Sulfide	ND	0.702	mg/L	0.64	89.7	70-130	10/30/2015	10/30/2015

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Sulfide	ND	mg/L	0.05	10/30/2015	10/30/2015

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments:

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Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report

Sample Number 151029038-005 **Sampling Date** 10/27/2015 **Date/Time Received** 10/29/2015 2:55 PM
Client Sample ID 1510D14-001H / PSMW-1R **Sampling Time** 2:25 PM
Matrix Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	11/4/2015	MER	EPA 335.4	

Sample Number 151029038-010 **Sampling Date** 10/27/2015 **Date/Time Received** 10/29/2015 2:55 PM
Client Sample ID 1510D14-002H / PSMW-8B **Sampling Time** 3:35 PM
Matrix Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	11/9/2015	MER	EPA 335.4	

Sample Number 151029038-015 **Sampling Date** 10/27/2015 **Date/Time Received** 10/29/2015 2:55 PM
Client Sample ID 1510D14-003H / PSMW-10 **Sampling Time** 4:25 PM
Matrix Water **Sample Location**
Comments

Parameter	Result	Units	PQL	Analysis Date	Analyst	Method	Qualifier
Cyanide	ND	mg/L	0.01	11/4/2015	MER	EPA 335.4	

Authorized Signature

John Coddington, Lab Manager

MCL EPA's Maximum Contaminant Level
ND Not Detected
PQL Practical Quantitation Limit

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Client: HALL ENVIRONMENTAL ANALYSIS LAB
Address: 4901 HAWKINS NE SUITE D
ALBUQUERQUE, NM 87109
Attn: ANDY FREEMAN

Batch #: 151029038
Project Name: 1510D14

Analytical Results Report
Quality Control Data

Lab Control Sample

Parameter	LCS Result	Units	LCS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
Cyanide	0.499	mg/L	0.5	99.8	90-110	11/9/2015	11/9/2015
Cyanide	0.497	mg/L	0.5	99.4	90-110	11/4/2015	11/4/2015

Matrix Spike

Sample Number	Parameter	Sample Result	MS Result	Units	MS Spike	%Rec	AR %Rec	Prep Date	Analysis Date
151030044-002	Cyanide	ND	0.463	mg/L	0.5	92.6	90-110	11/9/2015	11/9/2015
151027051-008	Cyanide	ND	0.471	mg/L	0.5	94.2	90-110	11/4/2015	11/4/2015

Matrix Spike Duplicate

Parameter	MSD Result	Units	MSD Spike	%Rec	%RPD	AR %RPD	Prep Date	Analysis Date
Cyanide	0.464	mg/L	0.5	92.8	0.2	0-20	11/9/2015	11/9/2015
Cyanide	0.474	mg/L	0.5	94.8	0.6	0-20	11/4/2015	11/4/2015

Method Blank

Parameter	Result	Units	PQL	Prep Date	Analysis Date
Cyanide	ND	mg/L	0.01	11/9/2015	11/9/2015
Cyanide	ND	mg/L	0.01	11/4/2015	11/4/2015

AR Acceptable Range
ND Not Detected
PQL Practical Quantitation Limit
RPD Relative Percentage Difference

Comments:

Certifications held by Anatek Labs ID: EPA:ID00013; AZ:0701; CO:ID00013; FL(NELAP):E87893; ID:ID00013; MT:CERT0028; NM: ID00013; OR:ID200001-002; WA:C595
Certifications held by Anatek Labs WA: EPA:WA00169; ID:WA00169; WA:C585; MT:Cert0095; FL(NELAP): E871099

CFA | Cape Fear Analytical LLC
an affiliate of The GEL Group INC

3306 Kitty Hawk Road, Suite 120 Wilmington, NC 28405
P 910.795.0421

www.capefearanalytical.com

November 12, 2015

Mr. Andy Freeman
Hall Environmental
4901 Hawkins NE
Suite D
Albuquerque, New Mexico 87109

Re: Routine Analysis
Work Order: 8431
SDG: 1510D14

Dear Mr. Freeman:

Cape Fear Analytical LLC (CFA) appreciates the opportunity to provide the enclosed analytical results for the sample(s) we received on October 30, 2015. This original data report has been prepared and reviewed in accordance with CFA's standard operating procedures.

Our policy is to provide high quality, personalized analytical services to enable you to meet your analytical needs on time every time. We trust that you will find everything in order and to your satisfaction. If you have any questions, please do not hesitate to call me at 910-795-0421 Ext. 2.

Sincerely,

Cynde Larkins

Cynde Larkins
Project Manager

Purchase Order: IDIQ Pricing
Enclosures

problem solved

HALL ENVIRONMENTAL ANALYSIS LABORATORY

CHAIN OF CUSTODY RECORD

PAGE: 1 OF: 1

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975
FAX: 505-345-4107
Website: www.hallenvironmental.com

SUB CONTRATOR: Cape Fear Analytical	COMPANY: Cape Fear Analytical	PHONE: (910) 795-0421	FAX:
ADDRESS: 3306 Kitty Hawk Rd Ste 120		ACCOUNT #:	EMAIL:
CITY, STATE, ZIP: Wilmington, NC 28405			

ITEM	SAMPLE	CLIENT SAMPLE ID	BOTTLE TYPE	MATRIX	COLLECTION DATE	# CONTAINERS	ANALYTICAL COMMENTS
1	1510D14-001I	PSMW-1R	1LAMGU	Aqueous	10/27/2015 2:25:00 PM	2	GW 2,3,7,8 TCDD
2	1510D14-002I	PSMW-8B	1LAMGU	Aqueous	10/27/2015 3:35:00 PM	2	GW 2,3,7,8 TCDD
3	1510D14-003I	PSMW-10	1LAMGU	Aqueous	10/27/2015 4:25:00 PM	2	GW 2,3,7,8 TCDD

CFA WO #8431

SPECIAL INSTRUCTIONS / COMMENTS:

Please include the LAB ID and the CLIENT SAMPLE ID on all final reports. Please e-mail results to lab@hallenvironmental.com. Please return all coolers and blue ice. Thank you.

Relinquished By:	Date:	Time:	Received By:	Date:	Time:
[signature]	10/29/2015	1:43 PM	[signature]	30OCT15	1015
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

TAT: Standard ☑ RUSH Next BD ☐ 2nd BD ☐ 3rd BD ☐

REPORT TRANSMITTAL DESIRED:
☐ HARDCOPY (extra cost) ☐ FAX ☐ EMAIL ☐ ONLINE

FOR LAB USE ONLY
Temp of samples 3.4° C Attempt to Cool? ✓
Comments:

SAMPLE RECEIPT CHECKLIST

Cape Fear Analytical

Client: HALL	Work Order: 8431
Shipping Company: Fed Ex	Date/Time Received: 30 OCT 15 1015

Suspected Hazard Information	Yes	NA	No
Shipped as DOT Hazardous?			✓
Samples Identified as Foreign Soil?			✓

DOE Site Sample Packages	Yes	NA	No*
Screened <0.5 mR/hr?			✓
Samples < 2x background?			✓

* Notify RSO of any responses in this column immediately.

Air Sample Receipt Specifics	Yes	NA	No
Air sample in shipment?			✓

Air Witness: _____

	Sample Receipt Criteria	Yes	NA	No	Comments/Qualifiers (required for Non-Conforming Items)
1	Shipping containers received intact and sealed?	✓			Circle Applicable: seals broken damaged container leaking container other(describe)
2	Chain of Custody documents included with shipment?	✓			
3	Samples requiring cold preservation within 0-6°C?	✓			Preservation Method: Ice bags blue ice dry ice none other (describe) 5.1° - 1.7°C = 3.4°C
4	Aqueous samples found to have visible solids?			✓	Sample IDs, containers affected:
5	Samples requiring chemical preservation at proper pH?		✓		Sample IDs, containers affected and pH observed: pH=7 on all containers. If preservative added, Lot#:
6	Samples requiring preservation have no residual chlorine?	✓			Sample IDs, containers affected: If preservative added, Lot#:
7	Samples received within holding time?	✓			Sample IDs, tests affected:
8	Sample IDs on COC match IDs on containers?	✓			Sample IDs, containers affected:
9	Date & time of COC match date & time on containers?	✓			Sample IDs, containers affected:
10	Number of containers received match number indicated on COC?	✓			Sample IDs, containers affected:
11	COC form is properly signed in relinquished/received sections?	✓			

Comments:

Checklist performed by: Initials: CJ Date: 30 OCT 15

High Resolution Dioxins and Furans Analysis

Case Narrative

HDOX Case Narrative
Hall Environmental Analysis Laboratory (HALL)
SDG 1510D14
Work Order 8431

Method/Analysis Information

Product:	**TCDD Only by EPA Method 1613B in Liquids**
Analytical Method:	EPA Method 1613B
Extraction Method:	SW846 3520C
Analytical Batch Number:	30439
Clean Up Batch Number:	30437
Extraction Batch Number:	30436

Sample Analysis

The following samples were analyzed using the analytical protocol as established in EPA Method 1613B:

Sample ID	Client ID
8431001	1510D14-001I PSMW-1R
8431002	1510D14-002I PSMW-8B
8431003	1510D14-003I PSMW-10
12014670	Method Blank (MB)
12014671	Laboratory Control Sample (LCS)
12014672	Laboratory Control Sample Duplicate (LCSD)

The samples in this SDG were analyzed on an "as received" basis.

SOP Reference

Procedure for preparation, analysis and reporting of analytical data are controlled by Cape Fear Analytical LLC (CFA) as Standard Operating Procedure (SOP). The data discussed in this narrative has been analyzed in accordance with CF-OA-E-002 REV# 14.

Raw data reports are processed and reviewed by the analyst using the TargetLynx software package.

Calibration Information

Initial Calibration

All initial calibration requirements have been met for this sample delivery group (SDG).

Continuing Calibration Verification (CCV) Requirements
All associated calibration verification standard(s) (CCV) met the acceptance criteria.

Quality Control (QC) Information

Certification Statement
The test results presented in this document are certified to meet all requirements of the 2009 TNI Standard.

Method Blank (MB) Statement
The MB(s) analyzed with this SDG met the acceptance criteria.

Surrogate Recoveries
All surrogate recoveries were within the established acceptance criteria for this SDG.

Laboratory Control Sample (LCS) Recovery
The LCS spike recoveries met the acceptance limits.

Laboratory Control Sample Duplicate (LCSD) Recovery
The LCSD spike recoveries met the acceptance limits.

LCS/LCSD Relative Percent Difference (RPD) Statement
The RPD(s) between the LCS and LCSD met the acceptance limits.

QC Sample Designation
A matrix spike and matrix spike duplicate analysis was not required for this SDG.

Technical Information

Holding Time Specifications
CFA assigns holding times based on the associated methodology, which assigns the date and time from sample collection. Those holding times expressed in hours are calculated in the AlphaLIMS system. Those holding times expressed as days expire at midnight on the day of expiration. All samples in this SDG met the specified holding time.

Preparation/Analytical Method Verification
All procedures were performed as stated in the SOP.

Sample Dilutions
The samples in this SDG did not require dilutions.

Sample Re-extraction/Re-analysis
Re-extractions or re-analyses were not required in this SDG.

Miscellaneous Information

Nonconformance (NCR) Documentation
A NCR was not required for this SDG.

Manual Integrations
Certain standards and QC samples required manual integrations to correctly position the baseline as set in the calibration standard injections. Where manual integrations were performed, copies of all manual integration peak profiles are included in the raw data section of this fraction. Manual integrations were required for data files in this SDG.

System Configuration

This analysis was performed on the following instrument configuration:

Instrument ID	Instrument	System Configuration	Column ID	Column Description
HRP750_2	Primary Dioxin Analysis	Dioxin Analysis	DB-5MS	60m x 0.25mm, 0.25um

Electronic Packaging Comment

This data package was generated using an electronic data processing program referred to as virtual packaging. In an effort to increase quality and efficiency, the laboratory has developed systems to generate all data packages electronically. The following change from traditional packages should be noted: Analyst/peer reviewer initials and dates are not present on the electronic data files. Presently, all initials and dates are present on the original raw data. These hard copies are temporarily stored in the laboratory. An electronic signature page inserted after the case narrative will include the data validator's signature and title. The signature page also includes the data qualifiers used in the fractional package. Data that are not generated electronically, such as hand written pages, will be scanned and inserted into the electronic package.

Sample Data Summary

Cape Fear Analytical, LLC
3306 Kitty Hawk Road Suite 120, Wilmington, NC 28405 - (910) 795-0421 - www.capefearanalytical.com

Certificate of Analysis Report
for

HALL001 Hall Environmental Analysis Laboratory

Client SDG: 1510D14 CFA Work Order: 8431

The Qualifiers in this report are defined as follows:

* A quality control analyte recovery is outside of specified acceptance criteria

** Analyte is a surrogate compound

U Analyte was analyzed for, but not detected above the specified detection limit.

Review/Validation

Cape Fear Analytical requires all analytical data to be verified by a qualified data reviewer.

The following data validator verified the information presented in this case narrative:

Signature: ESuhrie **Name: Erin Suhrie**

Date: 12 NOV 2015 **Title: Data Validator**

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	1510D14	Client:	HALL001	Project:	HALL00113
Lab Sample ID:	8431001	Date Collected:	10/27/2015 14:25	Matrix:	WATER
Client Sample:	1613B TCDD Water	Date Received:	10/30/2015 10:15		
Client ID:	1510D14-001I PSMW-1R			Prep Basis:	As Received
Batch ID:	30439	Method:	EPA Method 1613B		
Run Date:	11/07/2015 06:37	Analyst:	JTF	Instrument:	HRP750
Data File:	A06NOV15B_2-12			Dilution:	1
Prep Batch:	30436	Prep Method:	SW846 3520C		
Prep Date:	05-NOV-15	Prep Aliquot:	978.8 mL		

CAS No.	Parmname	Qual	Result	Units	PQL
1746-01-6	2,3,7,8-TCDD	U	10.2	pg/L	10.2

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		1800	2040	pg/L	88.2	(31%-137%)
37Cl-2,3,7,8-TCDD		174	204	pg/L	85.3	(42%-164%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	1510D14	**Client:**	HALL001	**Project:**	HALL00113
Lab Sample ID:	8431002	**Date Collected:**	10/27/2015 15:35	**Matrix:**	WATER
Client Sample:	1613B TCDD Water	**Date Received:**	10/30/2015 10:15		
Client ID:	1510D14-002I PSMW-8B			**Prep Basis:**	As Received
Batch ID:	30439	**Method:**	EPA Method 1613B		
Run Date:	11/07/2015 07:25	**Analyst:**	JTF	**Instrument:**	HRP750
Data File:	A06NOV15B_2-13			**Dilution:**	1
Prep Batch:	30436	**Prep Method:**	SW846 3520C		
Prep Date:	05-NOV-15	**Prep Aliquot:**	948.2 mL		

CAS No.	Parmname	Qual	Result	Units	PQL
1746-01-6	2,3,7,8-TCDD	U	10.5	pg/L	10.5

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		1690	2110	pg/L	80.1	(31%-137%)
37Cl-2,3,7,8-TCDD		165	211	pg/L	78.3	(42%-164%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	1510D14	**Client:**	HALL001	**Project:**	HALL00113
Lab Sample ID:	8431003	**Date Collected:**	10/27/2015 16:25	**Matrix:**	WATER
Client Sample:	1613B TCDD Water	**Date Received:**	10/30/2015 10:15		
Client ID:	1510D14-003I PSMW-10			**Prep Basis:**	As Received
Batch ID:	30439	**Method:**	EPA Method 1613B		
Run Date:	11/07/2015 09:56	**Analyst:**	JTF	**Instrument:**	HRP750
Data File:	A06NOV15B_3-2			**Dilution:**	1
Prep Batch:	30436	**Prep Method:**	SW846 3520C		
Prep Date:	05-NOV-15	**Prep Aliquot:**	954.7 mL		

CAS No.	Parmname	Qual	Result	Units	PQL
1746-01-6	2,3,7,8-TCDD	U	10.5	pg/L	10.5

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		1750	2090	pg/L	83.4	(31%-137%)
37Cl-2,3,7,8-TCDD		177	209	pg/L	84.4	(42%-164%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

Quality Control Summary

Hi-Res Dioxins/Furans
Surrogate Recovery Report

SDG Number: 1510D14

Matrix Type: LIQUID

Sample ID	Client ID	Surrogate	QUAL	Recovery (%)	Acceptance Limits
12014671	LCS for batch 30436	13C-2,3,7,8-TCDD		82.5	(20%-175%)
		37Cl-2,3,7,8-TCDD		79.7	(31%-191%)
12014672	LCSD for batch 30436	13C-2,3,7,8-TCDD		83.1	(20%-175%)
		37Cl-2,3,7,8-TCDD		83.4	(31%-191%)
12014670	MB for batch 30436	13C-2,3,7,8-TCDD		90.5	(25%-164%)
		37Cl-2,3,7,8-TCDD		87.0	(35%-197%)
8431001	1510D14-001I PSMW-1R	13C-2,3,7,8-TCDD		88.2	(31%-137%)
		37Cl-2,3,7,8-TCDD		85.3	(42%-164%)
8431002	1510D14-002I PSMW-8B	13C-2,3,7,8-TCDD		80.1	(31%-137%)
		37Cl-2,3,7,8-TCDD		78.3	(42%-164%)
8431003	1510D14-003I PSMW-10	13C-2,3,7,8-TCDD		83.4	(31%-137%)
		37Cl-2,3,7,8-TCDD		84.4	(42%-164%)

* Recovery outside Acceptance Limits
# Column to be used to flag recovery values
D Sample Diluted

Hi-Res Dioxins/Furans

Quality Control Summary
Spike Recovery Report

SDG Number:	1510D14	Sample Type:	Laboratory Control Sample	
Client ID:	LCS for batch 30436	Matrix:	WATER	
Lab Sample ID:	12014671			
Instrument:	HRP750	Analysis Date:	11/06/2015 21:51	Dilution: 1
Analyst:	JTF	Prep Batch ID:	30436	
		Batch ID:	30439	

CAS No.		Parmname	Amount Added pg/L	Spike Conc. pg/L	Recovery %	Acceptance Limits
1746-01-6	LCS	2,3,7,8-TCDD	200	210	105	67-158

Hi-Res Dioxins/Furans
Quality Control Summary
Spike Recovery Report

SDG Number: 1510D14
Client ID: LCSD for batch 30436
Lab Sample ID: 12014672
Instrument: HRP750
Analyst: JTF

Sample Type: Laboratory Control Sample Duplicate
Matrix: WATER
Analysis Date: 11/06/2015 22:38
Dilution: 1
Prep Batch ID: 30436
Batch ID: 30439

CAS No.		Parmname	Amount Added pg/L	Spike Conc. pg/L	Recovery %	Acceptance Limits	RPD %	Acceptance Limits
1746-01-6	LCSD	2,3,7,8-TCDD	200	203	101	67-158	3.60	0-20

Method Blank Summary

SDG Number:	1510D14	Client:	HALL001	Matrix:	WATER
Client ID:	MB for batch 30436	Instrument ID:	HRP750	Data File:	A06NOV15B_2-3
Lab Sample ID:	12014670	Prep Date:	05-NOV-15	Analyzed:	11/06/15 23:26
Column:					

This method blank applies to the following samples and quality control samples:

	Client Sample ID	Lab Sample ID	File ID	Date Analyzed	Time Analyzed
01	LCS for batch 30436	12014671	A06NOV15B_2-1	11/06/15	2151
02	LCSD for batch 30436	12014672	A06NOV15B_2-2	11/06/15	2238
03	1510D14-001I PSMW-1R	8431001	A06NOV15B_2-12	11/07/15	0637
04	1510D14-002I PSMW-8B	8431002	A06NOV15B_2-13	11/07/15	0725
05	1510D14-003I PSMW-10	8431003	A06NOV15B_3-2	11/07/15	0956

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	1510D14	**Client:**	HALL001	**Project:**	HALL00113
Lab Sample ID:	12014670			**Matrix:**	WATER
Client Sample:	QC for batch 30436				
Client ID:	MB for batch 30436			**Prep Basis:**	As Received
Batch ID:	30439	**Method:**	EPA Method 1613B		
Run Date:	11/06/2015 23:26	**Analyst:**	JTF	**Instrument:**	HRP750
Data File:	A06NOV15B_2-3			**Dilution:**	1
Prep Batch:	30436	**Prep Method:**	SW846 3520C		
Prep Date:	05-NOV-15	**Prep Aliquot:**	1000 mL		

CAS No.	Parmname	Qual	Result	Units	PQL
1746-01-6	2,3,7,8-TCDD	U	10	pg/L	10.0

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		1810	2000	pg/L	90.5	(25%-164%)
37Cl-2,3,7,8-TCDD		174	200	pg/L	87.0	(35%-197%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	1510D14	**Client:**	HALL001	**Project:**	HALL00113
Lab Sample ID:	12014671			**Matrix:**	WATER
Client Sample:	QC for batch 30436				
Client ID:	LCS for batch 30436			**Prep Basis:**	As Received
Batch ID:	30439	**Method:**	EPA Method 1613B		
Run Date:	11/06/2015 21:51	**Analyst:**	JTF	**Instrument:**	HRP750
Data File:	A06NOV15B_2-1			**Dilution:**	1
Prep Batch:	30436	**Prep Method:**	SW846 3520C		
Prep Date:	05-NOV-15	**Prep Aliquot:**	1000 mL		

CAS No.	Parmname	Qual	Result	Units	PQL
1746-01-6	2,3,7,8-TCDD		210	pg/L	10.0

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		1650	2000	pg/L	82.5	(20%-175%)
37Cl-2,3,7,8-TCDD		159	200	pg/L	79.7	(31%-191%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

Hi-Res Dioxins/Furans
Certificate of Analysis
Sample Summary

SDG Number:	1510D14	**Client:**	HALL001	**Project:**	HALL00113
Lab Sample ID:	12014672			**Matrix:**	WATER
Client Sample:	QC for batch 30436				
Client ID:	LCSD for batch 30436			**Prep Basis:**	As Received
Batch ID:	30439	**Method:**	EPA Method 1613B		
Run Date:	11/06/2015 22:38	**Analyst:**	JTF	**Instrument:**	HRP750
Data File:	A06NOV15B_2-2			**Dilution:**	1
Prep Batch:	30436	**Prep Method:**	SW846 3520C		
Prep Date:	05-NOV-15	**Prep Aliquot:**	1000 mL		

CAS No.	Parmname	Qual	Result	Units	PQL
1746-01-6	2,3,7,8-TCDD		203	pg/L	10.0

Surrogate/Tracer recovery	Qual	Result	Nominal	Units	Recovery%	Acceptable Limits
13C-2,3,7,8-TCDD		1660	2000	pg/L	83.1	(20%-175%)
37Cl-2,3,7,8-TCDD		167	200	pg/L	83.4	(31%-191%)

Comments:

U Analyte was analyzed for, but not detected above the specified detection limit.

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510D14**

02-Dec-15

Client: Public Service Company
Project: Person Station

Sample ID **MB-B**	SampType: **MBLK**	TestCode: **EPA Method 200.7: Metals**
Client ID: **PBW**	Batch ID: **B30068**	RunNo: **30068**
Prep Date:	Analysis Date: **11/6/2015**	SeqNo: **916036** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	ND	0.0020								
Beryllium	ND	0.0020								
Cadmium	ND	0.0020								
Chromium	ND	0.0060								
Cobalt	ND	0.0060								
Nickel	ND	0.010								
Tin	ND	0.010								
Vanadium	ND	0.050								
Zinc	ND	0.010								

Sample ID **LLLCS-B**	SampType: **LCSLL**	TestCode: **EPA Method 200.7: Metals**
Client ID: **BatchQC**	Batch ID: **B30068**	RunNo: **30068**
Prep Date:	Analysis Date: **11/6/2015**	SeqNo: **916040** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	0.0021	0.0020	0.002000	0	106	50	150			
Beryllium	0.0022	0.0020	0.002000	0	108	50	150			
Cadmium	0.0021	0.0020	0.002000	0	104	50	150			
Chromium	0.0060	0.0060	0.006000	0	100	50	150			
Cobalt	0.0064	0.0060	0.006000	0	107	50	150			
Nickel	ND	0.010	0.005000	0	79.0	50	150			
Tin	ND	0.010	0.01000	0	95.8	50	150			
Vanadium	ND	0.050	0.01000	0	105	50	150			
Zinc	ND	0.010	0.005000	0	81.4	50	150			

Sample ID **LCS-B**	SampType: **LCS**	TestCode: **EPA Method 200.7: Metals**
Client ID: **LCSW**	Batch ID: **B30068**	RunNo: **30068**
Prep Date:	Analysis Date: **11/6/2015**	SeqNo: **916041** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Barium	0.48	0.0020	0.5000	0	96.8	85	115			
Beryllium	0.51	0.0020	0.5000	0	101	85	115			
Cadmium	0.50	0.0020	0.5000	0	99.5	85	115			
Chromium	0.49	0.0060	0.5000	0	97.5	85	115			
Cobalt	0.47	0.0060	0.5000	0	94.7	85	115			
Nickel	0.47	0.010	0.5000	0	93.3	85	115			
Tin	0.49	0.010	0.5000	0	98.3	85	115			
Vanadium	0.51	0.050	0.5000	0	101	85	115			
Zinc	0.49	0.010	0.5000	0	97.0	85	115			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510D14**

02-Dec-15

Client: Public Service Company
Project: Person Station

Sample ID **LCS** SampType: **LCS** TestCode: **EPA 200.8: Metals**
Client ID: **LCSW** Batch ID: **B30182** RunNo: **30182**
Prep Date: Analysis Date: **11/11/2015** SeqNo: **919622** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	0.024	0.0010	0.02500	0	95.5	85	115			
Arsenic	0.024	0.0010	0.02500	0	96.4	85	115			
Lead	0.012	0.00050	0.01250	0	96.1	85	115			
Selenium	0.024	0.0010	0.02500	0	95.8	85	115			
Thallium	0.012	0.00050	0.01250	0	97.2	85	115			

Sample ID **LLLCS** SampType: **LCSLL** TestCode: **EPA 200.8: Metals**
Client ID: **BatchQC** Batch ID: **B30182** RunNo: **30182**
Prep Date: Analysis Date: **11/11/2015** SeqNo: **919625** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	ND	0.0010	0.001000	0	99.9	50	150			
Arsenic	0.0010	0.0010	0.001000	0	101	50	150			
Lead	ND	0.00050	0.0005000	0	99.1	50	150			
Selenium	ND	0.0010	0.001000	0	97.6	50	150			
Thallium	ND	0.00050	0.0005000	0	98.0	50	150			

Sample ID **MB** SampType: **MBLK** TestCode: **EPA 200.8: Metals**
Client ID: **PBW** Batch ID: **B30182** RunNo: **30182**
Prep Date: Analysis Date: **11/11/2015** SeqNo: **919628** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Antimony	ND	0.0010								
Arsenic	ND	0.0010								
Lead	ND	0.00050								
Selenium	ND	0.0010								
Thallium	ND	0.00050								

Sample ID **LCS** SampType: **LCS** TestCode: **EPA 200.8: Metals**
Client ID: **LCSW** Batch ID: **B30226** RunNo: **30226**
Prep Date: Analysis Date: **11/13/2015** SeqNo: **921416** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.022	0.0010	0.02500	0	89.1	85	115			
Selenium	0.023	0.0010	0.02500	0	90.5	85	115			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510D14**

02-Dec-15

Client: Public Service Company
Project: Person Station

Sample ID **LLLCS** SampType: **LCSLL** TestCode: **EPA 200.8: Metals**
Client ID: **BatchQC** Batch ID: **B30226** RunNo: **30226**
Prep Date: Analysis Date: **11/13/2015** SeqNo: **921417** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010	0.001000	0	90.1	50	150			
Selenium	ND	0.0010	0.001000	0	96.5	50	150			

Sample ID **MB** SampType: **MBLK** TestCode: **EPA 200.8: Metals**
Client ID: **PBW** Batch ID: **B30226** RunNo: **30226**
Prep Date: Analysis Date: **11/13/2015** SeqNo: **921418** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								
Selenium	ND	0.0010								

Sample ID **LCS** SampType: **LCS** TestCode: **EPA 200.8: Metals**
Client ID: **LCSW** Batch ID: **A30266** RunNo: **30266**
Prep Date: Analysis Date: **11/16/2015** SeqNo: **922684** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	0.023	0.0010	0.02500	0	90.1	85	115			

Sample ID **LLLCS** SampType: **LCSLL** TestCode: **EPA 200.8: Metals**
Client ID: **BatchQC** Batch ID: **A30266** RunNo: **30266**
Prep Date: Analysis Date: **11/16/2015** SeqNo: **922706** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010	0.001000	0	96.8	50	150			

Sample ID **MB** SampType: **MBLK** TestCode: **EPA 200.8: Metals**
Client ID: **PBW** Batch ID: **A30266** RunNo: **30266**
Prep Date: Analysis Date: **11/16/2015** SeqNo: **922707** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Arsenic	ND	0.0010								

Sample ID **LCS** SampType: **LCS** TestCode: **EPA 200.8: Metals**
Client ID: **LCSW** Batch ID: **A30411** RunNo: **30411**
Prep Date: Analysis Date: **11/22/2015** SeqNo: **928009** Units: **mg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Copper	0.025	0.0010	0.02500	0	98.7	85	115			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510D14**

02-Dec-15

Client: Public Service Company
Project: Person Station

Sample ID	LCSLL	SampType:	LCSLL	TestCode:	EPA 200.8: Metals						
Client ID:	BatchQC	Batch ID:	A30411	RunNo:	30411						
Prep Date:		Analysis Date:	11/22/2015	SeqNo:	928012	Units:	mg/L				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Copper		0.0012	0.0010	0.001000	0	123	50	150			

Sample ID	MB	SampType:	MBLK	TestCode:	EPA 200.8: Metals						
Client ID:	PBW	Batch ID:	A30411	RunNo:	30411						
Prep Date:		Analysis Date:	11/22/2015	SeqNo:	928016	Units:	mg/L				
Analyte		Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Copper		ND	0.0010								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510D14**

02-Dec-15

Client: Public Service Company
Project: Person Station

Sample ID	**MB-22226**	SampType: **MBLK**	TestCode: **EPA Method 245.1: Mercury**		
Client ID:	**PBW**	Batch ID: **22226**	RunNo: **30072**		
Prep Date:	**11/6/2015**	Analysis Date: **11/6/2015**	SeqNo: **916111**	Units: **mg/L**	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	ND	0.00020								

Sample ID	**LCS-22226**	SampType: **LCS**	TestCode: **EPA Method 245.1: Mercury**		
Client ID:	**LCSW**	Batch ID: **22226**	RunNo: **30072**		
Prep Date:	**11/6/2015**	Analysis Date: **11/6/2015**	SeqNo: **916112**	Units: **mg/L**	

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Mercury	0.0052	0.00020	0.005000	0	104	80	120			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510D14**

02-Dec-15

Client: Public Service Company
Project: Person Station

Sample ID **MB-22114** SampType: **MBLK** TestCode: **EPA Method 504.1: EDB/DBCP**
Client ID: **PBW** Batch ID: **22114** RunNo: **29937**
Prep Date: **11/2/2015** Analysis Date: **11/2/2015** SeqNo: **911921** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	ND	0.020								
1,2-Dibromoethane	ND	0.010								

Sample ID **LCS-22114** SampType: **LCS** TestCode: **EPA Method 504.1: EDB/DBCP**
Client ID: **LCSW** Batch ID: **22114** RunNo: **29937**
Prep Date: **11/2/2015** Analysis Date: **11/2/2015** SeqNo: **911924** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	0.039	0.020	0.05000	0	78.0	70	130			
1,2-Dibromoethane	0.037	0.010	0.05000	0	74.0	70	130			

Sample ID **1510D14-002AMS** SampType: **MS** TestCode: **EPA Method 504.1: EDB/DBCP**
Client ID: **PSMW-8B** Batch ID: **22114** RunNo: **29937**
Prep Date: **11/2/2015** Analysis Date: **11/2/2015** SeqNo: **912637** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	0.041	0.020	0.05000	0	82.0	59.1	144			
1,2-Dibromoethane	0.044	0.010	0.05000	0	88.0	79.9	141			

Sample ID **1510D14-002AMSD** SampType: **MSD** TestCode: **EPA Method 504.1: EDB/DBCP**
Client ID: **PSMW-8B** Batch ID: **22114** RunNo: **29937**
Prep Date: **11/2/2015** Analysis Date: **11/2/2015** SeqNo: **912638** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	0.048	0.020	0.05000	0	96.0	59.1	144	15.7	20	
1,2-Dibromoethane	0.040	0.010	0.05000	0	80.0	79.9	141	9.52	20	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510D14**

02-Dec-15

Client: Public Service Company
Project: Person Station

Sample ID **MB-22073** SampType: **MBLK** TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **PBW** Batch ID: **22073** RunNo: **29995**
Prep Date: **10/29/2015** Analysis Date: **11/4/2015** SeqNo: **914085** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4,4'-DDD	ND	0.050								
4,4'-DDE	ND	0.050								
4,4'-DDT	ND	0.050								
Aldrin	ND	0.050								
alpha-BHC	ND	0.050								
beta-BHC	ND	0.050								
Chlordane	ND	1.0								
delta-BHC	ND	0.050								
Dieldrin	ND	0.050								
Endosulfan I	ND	0.050								
Endosulfan II	ND	0.050								
Endosulfan sulfate	ND	0.050								
Endrin	ND	0.050								
Endrin aldehyde	ND	0.050								
gamma-BHC	ND	0.050								
Heptachlor	ND	0.050								
Heptachlor epoxide	ND	0.050								
Methoxychlor	ND	0.050								
Toxaphene	ND	1.0								
Surr: Decachlorobiphenyl	2.0		2.500		79.8	44	137			
Surr: Tetrachloro-m-xylene	2.0		2.500		80.4	30.2	127			

Sample ID **LCS-22073** SampType: **LCS** TestCode: **EPA Method 8081: PESTICIDES**
Client ID: **LCSW** Batch ID: **22073** RunNo: **29995**
Prep Date: **10/29/2015** Analysis Date: **11/4/2015** SeqNo: **914086** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4,4'-DDD	0.40	0.050	0.5000	0	80.4	44.3	109			
4,4'-DDE	0.40	0.050	0.5000	0	80.8	45	107			
4,4'-DDT	0.41	0.050	0.5000	0	82.0	47.2	98.1			
Aldrin	0.38	0.050	0.5000	0	76.0	46.1	105			
alpha-BHC	0.39	0.050	0.5000	0	78.2	41.6	110			
beta-BHC	0.44	0.050	0.5000	0	87.6	43.6	109			
delta-BHC	0.41	0.050	0.5000	0	81.4	42.7	113			
Dieldrin	0.40	0.050	0.5000	0	79.2	45	108			
Endosulfan I	0.40	0.050	0.5000	0	79.4	46.4	106			
Endosulfan II	0.39	0.050	0.5000	0	78.2	45.4	109			
Endosulfan sulfate	0.38	0.050	0.5000	0	76.8	46.1	107			
Endrin	0.41	0.050	0.5000	0	82.0	41.3	111			

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- R RPD outside accepted recovery limits
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Detection Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510D14**

02-Dec-15

Client: Public Service Company
Project: Person Station

Sample ID **LCS-22073**	SampType: **LCS**	TestCode: **EPA Method 8081: PESTICIDES**	
Client ID: **LCSW**	Batch ID: **22073**	RunNo: **29995**	
Prep Date: **10/29/2015**	Analysis Date: **11/4/2015**	SeqNo: **914086**	Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Endrin aldehyde	0.39	0.050	0.5000	0	77.2	35.9	110			
gamma-BHC	0.39	0.050	0.5000	0	77.2	43.6	110			
Heptachlor	0.39	0.050	0.5000	0	77.8	46.2	106			
Heptachlor epoxide	0.39	0.050	0.5000	0	77.0	46.2	106			
Methoxychlor	0.41	0.050	0.5000	0	81.2	47.5	90.8			
Surr: Decachlorobiphenyl	1.9		2.500		77.0	44	137			
Surr: Tetrachloro-m-xylene	1.9		2.500		76.0	30.2	127			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1510D14**

02-Dec-15

Client: Public Service Company
Project: Person Station

Sample ID **MB-22074** SampType: **MBLK** TestCode: **EPA Method 8082: PCB's**
Client ID: **PBW** Batch ID: **22074** RunNo: **29921**
Prep Date: **10/29/2015** Analysis Date: **10/30/2015** SeqNo: **911401** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	ND	1.0								
Aroclor 1221	ND	1.0								
Aroclor 1232	ND	1.0								
Aroclor 1242	ND	1.0								
Aroclor 1248	ND	1.0								
Aroclor 1254	ND	1.0								
Aroclor 1260	ND	1.0								
Surr: Decachlorobiphenyl	2.7		2.500		108	17.7	151			
Surr: Tetrachloro-m-xylene	2.8		2.500		110	20.6	151			

Sample ID **LCS-22074** SampType: **LCS** TestCode: **EPA Method 8082: PCB's**
Client ID: **LCSW** Batch ID: **22074** RunNo: **29921**
Prep Date: **10/29/2015** Analysis Date: **10/30/2015** SeqNo: **911402** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	3.1	1.0	5.000	0	61.5	9.01	142			
Aroclor 1260	4.9	1.0	5.000	0	97.2	25.6	164			
Surr: Decachlorobiphenyl	2.6		2.500		106	17.7	151			
Surr: Tetrachloro-m-xylene	2.3		2.500		92.4	20.6	151			

Sample ID **LCSD-22074** SampType: **LCSD** TestCode: **EPA Method 8082: PCB's**
Client ID: **LCSS02** Batch ID: **22074** RunNo: **29921**
Prep Date: **10/29/2015** Analysis Date: **10/30/2015** SeqNo: **911403** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Aroclor 1016	3.1	1.0	5.000	0	62.1	9.01	142	1.04	26.9	
Aroclor 1260	5.0	1.0	5.000	0	101	25.6	164	3.80	29.1	
Surr: Decachlorobiphenyl	2.9		2.500		115	17.7	151	0	0	
Surr: Tetrachloro-m-xylene	2.5		2.500		98.4	20.6	151	0	0	

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: PNM Aztec Work Order Number: 1510D14 RcptNo: 1

Received by/date: CS 10/28/15

Logged By: Anne Thorne 10/28/2015 10:20:00 AM Anne Thorne

Completed By: Anne Thorne 10/28/2015 Anne Thorne

Reviewed By: CS 10/28/15

Chain of Custody

1. Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☑
2. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
3. How was the sample delivered? Client

Log In

4. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
6. Sample(s) in proper container(s)? Yes ☑ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
9. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
10. VOA vials have zero headspace? Yes ☑ No ☐ No VOA Vials ☐
11. Were any sample containers received broken? Yes ☐ No ☑
12. Does paperwork match bottle labels? Yes ☑ No ☐
    (Note discrepancies on chain of custody)
13. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
14. Is it clear what analyses were requested? Yes ☑ No ☐
15. Were all holding times able to be met? Yes ☑ No ☐
    (If no, notify customer for authorization.)

# of preserved bottles checked for pH: 3 6 (<2 or >12 unless noted)
Adjusted? —
Checked by: AT 10/28/15

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
3	1.0	Good	Not Present			

Chain-of-Custody Record

Client: PNM John Hale
2401 AZTEC Rd NE MS Z100
Mailing Address: Albuquerque, NM 87107

Phone #: 241 2014
Email or Fax#:
QA/QC Package:
☐ Standard ☐ Level 4 (Full Validation)
Accreditation
☐ NELAP ☐ Other
☐ EDD (Type)

Turn-Around Time:
☒ Standard ☐ Rush

Project Name: Person Station

Project #: Semi Annual Fall 2015

Project Manager: John Hale

Sampler: Mark Sikelianos

On Ice: ☒ Yes ☐ No

Sample Temperature: 1.0° C

HALL ENVIRONMENTAL ANALYSIS LABORATORY
www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type AT 10/28/15	HEAL No. AT 10/28/15 S10B06	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)	Appendix 9				Air Bubbles (Y or N)
10/27/15	1425	Aqueous	PSMW-1R	3-40ml VOAs HCl 2-40ml VOAs SOTH		-001												X				
"	1535	"	PSMW-8B	8 1L Amber w/ QC 1-500ml poly HNO3		-002												X				
"	1625	"	PSMW-10	1-500ml poly NaOH 1-500ml poly ZnAcetate		-003					X							X				
			Tr. Blank			-004					X					X						
										AT 10/28/15												

Date:	Time:	Relinquished by:	Received by:	Date	Time
10/28/15	1020	[signature]	Celina Sanchez	10/28/15	1020
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:
John.hale@PNMResources.com
Mark@delphinc.net

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

HALL
ENVIRONMENTAL
ANALYSIS
LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

December 11, 2015

John Hale
Public Service Company
2401 Aztec, NE #Z110
Albuquerque, NM 87107
TEL: (505) 241-2014
FAX (505) 241-4306

RE: Person Station

OrderNo.: 1512249

Dear John Hale:

Hall Environmental Analysis Laboratory received 5 sample(s) on 12/4/2015 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0190

Sincerely,

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1512249-001 **Matrix:** AQUEOUS

Client Sample ID: PSMW-EW-2
Collection Date: 12/4/2015 9:00:00 AM
Received Date: 12/4/2015 1:52:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **AG**	
Benzene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Toluene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Ethylbenzene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Naphthalene	ND	2.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
1-Methylnaphthalene	ND	4.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
2-Methylnaphthalene	ND	4.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Acetone	ND	10		µg/L	1	12/9/2015 7:39:03 PM	R30740
Bromobenzene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Bromodichloromethane	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Bromoform	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Bromomethane	ND	3.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
2-Butanone	ND	10		µg/L	1	12/9/2015 7:39:03 PM	R30740
Carbon disulfide	ND	10		µg/L	1	12/9/2015 7:39:03 PM	R30740
Carbon Tetrachloride	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Chlorobenzene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Chloroethane	ND	2.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Chloroform	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Chloromethane	ND	3.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
2-Chlorotoluene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
4-Chlorotoluene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
cis-1,2-DCE	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Dibromochloromethane	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Dibromomethane	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
1,1-Dichloroethane	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
1,1-Dichloroethene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
1,2-Dichloropropane	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
1,3-Dichloropropane	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
2,2-Dichloropropane	ND	2.0		µg/L	1	12/9/2015 7:39:03 PM	R30740

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1512249-001
Matrix: AQUEOUS
Client Sample ID: PSMW-EW-2
Collection Date: 12/4/2015 9:00:00 AM
Received Date: 12/4/2015 1:52:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	AG
1,1-Dichloropropene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Hexachlorobutadiene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
2-Hexanone	ND	10		µg/L	1	12/9/2015 7:39:03 PM	R30740
Isopropylbenzene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
4-Isopropyltoluene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
4-Methyl-2-pentanone	ND	10		µg/L	1	12/9/2015 7:39:03 PM	R30740
Methylene Chloride	ND	3.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
n-Butylbenzene	ND	3.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
n-Propylbenzene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
sec-Butylbenzene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Styrene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
tert-Butylbenzene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
trans-1,2-DCE	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Trichlorofluoromethane	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Vinyl chloride	ND	1.0		µg/L	1	12/9/2015 7:39:03 PM	R30740
Xylenes, Total	ND	1.5		µg/L	1	12/9/2015 7:39:03 PM	R30740
Surr: 1,2-Dichloroethane-d4	92.8	70-130		%REC	1	12/9/2015 7:39:03 PM	R30740
Surr: 4-Bromofluorobenzene	101	70-130		%REC	1	12/9/2015 7:39:03 PM	R30740
Surr: Dibromofluoromethane	93.4	70-130		%REC	1	12/9/2015 7:39:03 PM	R30740
Surr: Toluene-d8	105	70-130		%REC	1	12/9/2015 7:39:03 PM	R30740

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1512249-002
Matrix: AQUEOUS
Client Sample ID: PSMW-EW-3
Collection Date: 12/4/2015 9:10:00 AM
Received Date: 12/4/2015 1:52:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**AG**
Benzene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Toluene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Ethylbenzene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Naphthalene	ND	2.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
1-Methylnaphthalene	ND	4.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
2-Methylnaphthalene	ND	4.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Acetone	ND	10		µg/L	1	12/9/2015 8:07:46 PM	R30740
Bromobenzene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Bromodichloromethane	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Bromoform	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Bromomethane	ND	3.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
2-Butanone	ND	10		µg/L	1	12/9/2015 8:07:46 PM	R30740
Carbon disulfide	ND	10		µg/L	1	12/9/2015 8:07:46 PM	R30740
Carbon Tetrachloride	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Chlorobenzene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Chloroethane	ND	2.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Chloroform	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Chloromethane	ND	3.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
2-Chlorotoluene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
4-Chlorotoluene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
cis-1,2-DCE	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Dibromochloromethane	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Dibromomethane	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
1,1-Dichloroethane	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
1,1-Dichloroethene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
1,2-Dichloropropane	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
1,3-Dichloropropane	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
2,2-Dichloropropane	ND	2.0		µg/L	1	12/9/2015 8:07:46 PM	R30740

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1512249-002
Matrix: AQUEOUS
Client Sample ID: PSMW-EW-3
Collection Date: 12/4/2015 9:10:00 AM
Received Date: 12/4/2015 1:52:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**AG**
1,1-Dichloropropene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Hexachlorobutadiene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
2-Hexanone	ND	10		µg/L	1	12/9/2015 8:07:46 PM	R30740
Isopropylbenzene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
4-Isopropyltoluene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
4-Methyl-2-pentanone	ND	10		µg/L	1	12/9/2015 8:07:46 PM	R30740
Methylene Chloride	ND	3.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
n-Butylbenzene	ND	3.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
n-Propylbenzene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
sec-Butylbenzene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Styrene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
tert-Butylbenzene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Tetrachloroethene (PCE)	1.3	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
trans-1,2-DCE	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Trichlorofluoromethane	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Vinyl chloride	ND	1.0		µg/L	1	12/9/2015 8:07:46 PM	R30740
Xylenes, Total	ND	1.5		µg/L	1	12/9/2015 8:07:46 PM	R30740
Surr: 1,2-Dichloroethane-d4	94.0	70-130		%REC	1	12/9/2015 8:07:46 PM	R30740
Surr: 4-Bromofluorobenzene	102	70-130		%REC	1	12/9/2015 8:07:46 PM	R30740
Surr: Dibromofluoromethane	103	70-130		%REC	1	12/9/2015 8:07:46 PM	R30740
Surr: Toluene-d8	98.6	70-130		%REC	1	12/9/2015 8:07:46 PM	R30740

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1512249-003
Matrix: AQUEOUS
Client Sample ID: PSMW-EW-4
Collection Date: 12/4/2015 9:20:00 AM
Received Date: 12/4/2015 1:52:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: AG	
Benzene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Toluene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Ethylbenzene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Naphthalene	ND	2.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
1-Methylnaphthalene	ND	4.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
2-Methylnaphthalene	ND	4.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Acetone	ND	10		µg/L	1	12/9/2015 8:36:37 PM	R30740
Bromobenzene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Bromodichloromethane	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Bromoform	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Bromomethane	ND	3.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
2-Butanone	ND	10		µg/L	1	12/9/2015 8:36:37 PM	R30740
Carbon disulfide	ND	10		µg/L	1	12/9/2015 8:36:37 PM	R30740
Carbon Tetrachloride	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Chlorobenzene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Chloroethane	ND	2.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Chloroform	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Chloromethane	ND	3.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
2-Chlorotoluene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
4-Chlorotoluene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
cis-1,2-DCE	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Dibromochloromethane	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Dibromomethane	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
1,1-Dichloroethane	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
1,1-Dichloroethene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
1,2-Dichloropropane	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
1,3-Dichloropropane	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
2,2-Dichloropropane	ND	2.0		µg/L	1	12/9/2015 8:36:37 PM	R30740

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1512249-003
Matrix: AQUEOUS
Client Sample ID: PSMW-EW-4
Collection Date: 12/4/2015 9:20:00 AM
Received Date: 12/4/2015 1:52:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: **AG**	
1,1-Dichloropropene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Hexachlorobutadiene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
2-Hexanone	ND	10		µg/L	1	12/9/2015 8:36:37 PM	R30740
Isopropylbenzene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
4-Isopropyltoluene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
4-Methyl-2-pentanone	ND	10		µg/L	1	12/9/2015 8:36:37 PM	R30740
Methylene Chloride	ND	3.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
n-Butylbenzene	ND	3.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
n-Propylbenzene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
sec-Butylbenzene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Styrene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
tert-Butylbenzene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Tetrachloroethene (PCE)	1.8	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
trans-1,2-DCE	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Trichlorofluoromethane	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Vinyl chloride	ND	1.0		µg/L	1	12/9/2015 8:36:37 PM	R30740
Xylenes, Total	ND	1.5		µg/L	1	12/9/2015 8:36:37 PM	R30740
Surr: 1,2-Dichloroethane-d4	108	70-130		%REC	1	12/9/2015 8:36:37 PM	R30740
Surr: 4-Bromofluorobenzene	100	70-130		%REC	1	12/9/2015 8:36:37 PM	R30740
Surr: Dibromofluoromethane	106	70-130		%REC	1	12/9/2015 8:36:37 PM	R30740
Surr: Toluene-d8	104	70-130		%REC	1	12/9/2015 8:36:37 PM	R30740

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1512249-004
Matrix: AQUEOUS
Client Sample ID: PSMW-VEW
Collection Date: 12/4/2015 9:30:00 AM
Received Date: 12/4/2015 1:52:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	AG
Benzene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Toluene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Ethylbenzene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Naphthalene	ND	2.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
1-Methylnaphthalene	ND	4.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
2-Methylnaphthalene	ND	4.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Acetone	ND	10		µg/L	1	12/9/2015 9:05:23 PM	R30740
Bromobenzene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Bromodichloromethane	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Bromoform	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Bromomethane	ND	3.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
2-Butanone	ND	10		µg/L	1	12/9/2015 9:05:23 PM	R30740
Carbon disulfide	ND	10		µg/L	1	12/9/2015 9:05:23 PM	R30740
Carbon Tetrachloride	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Chlorobenzene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Chloroethane	ND	2.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Chloroform	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Chloromethane	ND	3.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
2-Chlorotoluene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
4-Chlorotoluene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
cis-1,2-DCE	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Dibromochloromethane	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Dibromomethane	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
1,1-Dichloroethane	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
1,1-Dichloroethene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
1,2-Dichloropropane	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
1,3-Dichloropropane	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
2,2-Dichloropropane	ND	2.0		µg/L	1	12/9/2015 9:05:23 PM	R30740

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1512249-004
Matrix: AQUEOUS
Client Sample ID: PSMW-VEW
Collection Date: 12/4/2015 9:30:00 AM
Received Date: 12/4/2015 1:52:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst:	**AG**
1,1-Dichloropropene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Hexachlorobutadiene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
2-Hexanone	ND	10		µg/L	1	12/9/2015 9:05:23 PM	R30740
Isopropylbenzene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
4-Isopropyltoluene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
4-Methyl-2-pentanone	ND	10		µg/L	1	12/9/2015 9:05:23 PM	R30740
Methylene Chloride	ND	3.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
n-Butylbenzene	ND	3.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
n-Propylbenzene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
sec-Butylbenzene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Styrene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
tert-Butylbenzene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Tetrachloroethene (PCE)	2.8	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
trans-1,2-DCE	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Trichlorofluoromethane	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Vinyl chloride	ND	1.0		µg/L	1	12/9/2015 9:05:23 PM	R30740
Xylenes, Total	ND	1.5		µg/L	1	12/9/2015 9:05:23 PM	R30740
Surr: 1,2-Dichloroethane-d4	110	70-130		%REC	1	12/9/2015 9:05:23 PM	R30740
Surr: 4-Bromofluorobenzene	93.2	70-130		%REC	1	12/9/2015 9:05:23 PM	R30740
Surr: Dibromofluoromethane	109	70-130		%REC	1	12/9/2015 9:05:23 PM	R30740
Surr: Toluene-d8	102	70-130		%REC	1	12/9/2015 9:05:23 PM	R30740

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1512249-005
Matrix: TRIP BLANK
Client Sample ID: Trip Blank
Collection Date:
Received Date: 12/4/2015 1:52:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: AG	
Benzene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Toluene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Ethylbenzene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Methyl tert-butyl ether (MTBE)	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
1,2,4-Trimethylbenzene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
1,3,5-Trimethylbenzene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
1,2-Dichloroethane (EDC)	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
1,2-Dibromoethane (EDB)	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Naphthalene	ND	2.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
1-Methylnaphthalene	ND	4.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
2-Methylnaphthalene	ND	4.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Acetone	ND	10		µg/L	1	12/9/2015 9:34:16 PM	R30740
Bromobenzene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Bromodichloromethane	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Bromoform	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Bromomethane	ND	3.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
2-Butanone	ND	10		µg/L	1	12/9/2015 9:34:16 PM	R30740
Carbon disulfide	ND	10		µg/L	1	12/9/2015 9:34:16 PM	R30740
Carbon Tetrachloride	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Chlorobenzene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Chloroethane	ND	2.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Chloroform	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Chloromethane	ND	3.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
2-Chlorotoluene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
4-Chlorotoluene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
cis-1,2-DCE	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
cis-1,3-Dichloropropene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
1,2-Dibromo-3-chloropropane	ND	2.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Dibromochloromethane	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Dibromomethane	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
1,2-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
1,3-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
1,4-Dichlorobenzene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Dichlorodifluoromethane	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
1,1-Dichloroethane	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
1,1-Dichloroethene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
1,2-Dichloropropane	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
1,3-Dichloropropane	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
2,2-Dichloropropane	ND	2.0		µg/L	1	12/9/2015 9:34:16 PM	R30740

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Public Service Company
Project: Person Station
Lab ID: 1512249-005
Matrix: TRIP BLANK
Client Sample ID: Trip Blank
Collection Date:
Received Date: 12/4/2015 1:52:00 PM

Analyses	Result	RL	Qual	Units	DF	Date Analyzed	Batch
EPA METHOD 8260B: VOLATILES						Analyst: AG	
1,1-Dichloropropene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Hexachlorobutadiene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
2-Hexanone	ND	10		µg/L	1	12/9/2015 9:34:16 PM	R30740
Isopropylbenzene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
4-Isopropyltoluene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
4-Methyl-2-pentanone	ND	10		µg/L	1	12/9/2015 9:34:16 PM	R30740
Methylene Chloride	ND	3.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
n-Butylbenzene	ND	3.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
n-Propylbenzene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
sec-Butylbenzene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Styrene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
tert-Butylbenzene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
1,1,1,2-Tetrachloroethane	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
1,1,2,2-Tetrachloroethane	ND	2.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Tetrachloroethene (PCE)	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
trans-1,2-DCE	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
trans-1,3-Dichloropropene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
1,2,3-Trichlorobenzene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
1,2,4-Trichlorobenzene	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
1,1,1-Trichloroethane	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
1,1,2-Trichloroethane	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Trichloroethene (TCE)	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Trichlorofluoromethane	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
1,2,3-Trichloropropane	ND	2.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Vinyl chloride	ND	1.0		µg/L	1	12/9/2015 9:34:16 PM	R30740
Xylenes, Total	ND	1.5		µg/L	1	12/9/2015 9:34:16 PM	R30740
Surr: 1,2-Dichloroethane-d4	95.6	70-130		%REC	1	12/9/2015 9:34:16 PM	R30740
Surr: 4-Bromofluorobenzene	109	70-130		%REC	1	12/9/2015 9:34:16 PM	R30740
Surr: Dibromofluoromethane	96.7	70-130		%REC	1	12/9/2015 9:34:16 PM	R30740
Surr: Toluene-d8	102	70-130		%REC	1	12/9/2015 9:34:16 PM	R30740

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

Qualifiers:

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D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1512249**

11-Dec-15

Client: Public Service Company
Project: Person Station

Sample ID **100ng lcs**	SampType: **LCS**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **LCSW**	Batch ID: **R30740**	RunNo: **30740**
Prep Date:	Analysis Date: **12/9/2015**	SeqNo: **939005** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	20	1.0	20.00	0	98.2	70	130			
Toluene	22	1.0	20.00	0	108	70	130			
Chlorobenzene	20	1.0	20.00	0	101	70	130			
1,1-Dichloroethene	21	1.0	20.00	0	105	70	130			
Trichloroethene (TCE)	21	1.0	20.00	0	105	70	130			
Surr: 1,2-Dichloroethane-d4	10		10.00		103	70	130			
Surr: 4-Bromofluorobenzene	9.6		10.00		95.5	70	130			
Surr: Dibromofluoromethane	8.6		10.00		86.3	70	130			
Surr: Toluene-d8	10		10.00		102	70	130			

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**
Client ID: **PBW**	Batch ID: **R30740**	RunNo: **30740**
Prep Date:	Analysis Date: **12/9/2015**	SeqNo: **939006** Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Benzene	ND	1.0								
Toluene	ND	1.0								
Ethylbenzene	ND	1.0								
Methyl tert-butyl ether (MTBE)	ND	1.0								
1,2,4-Trimethylbenzene	ND	1.0								
1,3,5-Trimethylbenzene	ND	1.0								
1,2-Dichloroethane (EDC)	ND	1.0								
1,2-Dibromoethane (EDB)	ND	1.0								
Naphthalene	ND	2.0								
1-Methylnaphthalene	ND	4.0								
2-Methylnaphthalene	ND	4.0								
Acetone	ND	10								
Bromobenzene	ND	1.0								
Bromodichloromethane	ND	1.0								
Bromoform	ND	1.0								
Bromomethane	ND	3.0								
2-Butanone	ND	10								
Carbon disulfide	ND	10								
Carbon Tetrachloride	ND	1.0								
Chlorobenzene	ND	1.0								
Chloroethane	ND	2.0								
Chloroform	ND	1.0								
Chloromethane	ND	3.0								
2-Chlorotoluene	ND	1.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1512249**

11-Dec-15

Client: Public Service Company
Project: Person Station

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**	
Client ID: **PBW**	Batch ID: **R30740**	RunNo: **30740**	
Prep Date:	Analysis Date: **12/9/2015**	SeqNo: **939006**	Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
4-Chlorotoluene	ND	1.0								
cis-1,2-DCE	ND	1.0								
cis-1,3-Dichloropropene	ND	1.0								
1,2-Dibromo-3-chloropropane	ND	2.0								
Dibromochloromethane	ND	1.0								
Dibromomethane	ND	1.0								
1,2-Dichlorobenzene	ND	1.0								
1,3-Dichlorobenzene	ND	1.0								
1,4-Dichlorobenzene	ND	1.0								
Dichlorodifluoromethane	ND	1.0								
1,1-Dichloroethane	ND	1.0								
1,1-Dichloroethene	ND	1.0								
1,2-Dichloropropane	ND	1.0								
1,3-Dichloropropane	ND	1.0								
2,2-Dichloropropane	ND	2.0								
1,1-Dichloropropene	ND	1.0								
Hexachlorobutadiene	ND	1.0								
2-Hexanone	ND	10								
Isopropylbenzene	ND	1.0								
4-Isopropyltoluene	ND	1.0								
4-Methyl-2-pentanone	ND	10								
Methylene Chloride	ND	3.0								
n-Butylbenzene	ND	3.0								
n-Propylbenzene	ND	1.0								
sec-Butylbenzene	ND	1.0								
Styrene	ND	1.0								
tert-Butylbenzene	ND	1.0								
1,1,1,2-Tetrachloroethane	ND	1.0								
1,1,2,2-Tetrachloroethane	ND	2.0								
Tetrachloroethene (PCE)	ND	1.0								
trans-1,2-DCE	ND	1.0								
trans-1,3-Dichloropropene	ND	1.0								
1,2,3-Trichlorobenzene	ND	1.0								
1,2,4-Trichlorobenzene	ND	1.0								
1,1,1-Trichloroethane	ND	1.0								
1,1,2-Trichloroethane	ND	1.0								
Trichloroethene (TCE)	ND	1.0								
Trichlorofluoromethane	ND	1.0								
1,2,3-Trichloropropane	ND	2.0								

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: **1512249**

11-Dec-15

Client: Public Service Company
Project: Person Station

Sample ID **rb**	SampType: **MBLK**	TestCode: **EPA Method 8260B: VOLATILES**	
Client ID: **PBW**	Batch ID: **R30740**	RunNo: **30740**	
Prep Date:	Analysis Date: **12/9/2015**	SeqNo: **939006**	Units: **µg/L**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	%RPD	RPDLimit	Qual
Vinyl chloride	ND	1.0								
Xylenes, Total	ND	1.5								
Surr: 1,2-Dichloroethane-d4	10		10.00		100	70	130			
Surr: 4-Bromofluorobenzene	10		10.00		104	70	130			
Surr: Dibromofluoromethane	9.4		10.00		93.7	70	130			
Surr: Toluene-d8	11		10.00		111	70	130			

Qualifiers:

*	Value exceeds Maximum Contaminant Level.	B	Analyte detected in the associated Method Blank
D	Sample Diluted Due to Matrix	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	P	Sample pH Not In Range
R	RPD outside accepted recovery limits	RL	Reporting Detection Limit
S	% Recovery outside of range due to dilution or matrix		

HALL ENVIRONMENTAL ANALYSIS LABORATORY

Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: PNM Aztec Work Order Number: **1512249** RcptNo: 1

Received by/date: CS 12/04/15

Logged By: **Joe Archuleta** **12/4/2015 1:52:00 PM**

Completed By: **Joe Archuleta** **12/5/2015 10:47:27 AM**

Reviewed By: 12/07/15

Chain of Custody

1. Custody seals intact on sample bottles? Yes ☐ No ☐ Not Present ☑
2. Is Chain of Custody complete? Yes ☑ No ☐ Not Present ☐
3. How was the sample delivered? Client

Log In

4. Was an attempt made to cool the samples? Yes ☑ No ☐ NA ☐
5. Were all samples received at a temperature of >0° C to 6.0°C Yes ☑ No ☐ NA ☐
6. Sample(s) in proper container(s)? Yes ☑ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☑ No ☐
8. Are samples (except VOA and ONG) properly preserved? Yes ☑ No ☐
9. Was preservative added to bottles? Yes ☐ No ☑ NA ☐
10. VOA vials have zero headspace? Yes ☐ No ☐ No VOA Vials ☑
11. Were any sample containers received broken? Yes ☐ No ☑
12. Does paperwork match bottle labels? Yes ☑ No ☐
    (Note discrepancies on chain of custody)
13. Are matrices correctly identified on Chain of Custody? Yes ☑ No ☐
14. Is it clear what analyses were requested? Yes ☑ No ☐
15. Were all holding times able to be met? Yes ☑ No ☐
    (If no, notify customer for authorization.)

# of preserved bottles checked for pH: (<2 or >12 unless noted)
Adjusted?
Checked by:

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☑

Person Notified: Date:
By Whom: Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:
Client Instructions:

17. Additional remarks:

18. Cooler Information

Cooler No	Temp °C	Condition	Seal Intact	Seal No	Seal Date	Signed By
1	3.9	Good	Not Present			

Chain-of-Custody Record

ent: PNM - John Hale

ailing Address: 2401 AZTEC Rd NE MS 2100
Albuquerque, NM 87107

one #: 505 241-2014

ail or Fax#: John.hale@PNMResources.com

/QC Package:
Standard ☐ Level 4 (Full Validation)

creditation
NELAP ☐ Other _____

EDD (Type) _____

Turn-Around Time:
☒ Standard ☐ Rush _____

Project Name: Person Station

Project #: Semi Annual Fall 2015

Project Manager: John Hale

Sampler: Mark Sikelianos

On Ice: ☒ Yes ☐ No

Sample Temperature: 3.9 °C

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

Date	Time	Matrix	Sample Request ID	Container Type and #	Preservative Type	HEAL No. 1512294	BTEX + MTBE + TMB's (8021)	BTEX + MTBE + TPH (Gas only)	TPH 8015B (GRO / DRO / MRO)	TPH (Method 418.1)	EDB (Method 504.1)	PAH's (8310 or 8270 SIMS)	RCRA 8 Metals	Anions (F,Cl,NO_3,NO_2,PO_4,SO_4)	8081 Pesticides / 8082 PCB's	8260B (VOA)	8270 (Semi-VOA)					Air Bubbles (Y or N)
4/15	0900	Aqueous	PSMW - EW-2	3-40 mL VOAs	HCl	-001										X						
"	0910	"	PSMW - EW-3	"	"	-002										X						
"	0920	"	PSMW - EW-4	"	"	-003										X						
"	0930	"	PSMW - VEW	"	"	-004										X						
			TRIP BLANK	"	"	-005										X						

Date:	Time:	Relinquished by:	Received by:	Date	Time
4/15	1352	[signature]	[signature]	12/04/15	1352
Date:	Time:	Relinquished by:	Received by:	Date	Time

Remarks:

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.