

**APPENDIX D**

**ANALYTICAL LABORATORY REPORTS w/CHAIN-OF-CUSTODY RECORDS**

2417 West Pinhook Road  
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 (337) 235-0483

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-01 **Collection Date:** 3/02/10 9:45  
**Matrix:** SLUDGE

**Sample ID:** SED 31 (4-6)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	4.38	0.998		mg/Kg-dry	3/10/10 14:31	
Barium	168	0.998		mg/Kg-dry	3/10/10 14:31	
Selenium	< 2.00	2.00		mg/Kg-dry	3/10/10 14:31	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	8,170	822		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	26.4	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	18.3	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 17:48	
<b>LEACHATE CHLORIDES</b>	<b>SW9253</b>					<b>SP</b>
Chlorides	2,310	100		mg/L	3/13/10 11:05	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	68.1	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	25.4	0.100		meq	3/09/10 0:00	
Soluble Calcium	28.9	1.00		meq	3/09/10 0:00	
Soluble Magnesium	73.5	1.00		meq	3/09/10 0:00	
Soluble Sodium	182	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	215	100		mg/Kg	3/08/10 13:42	
TPH (Oil Range)	125	120		mg/Kg	3/08/10 13:42	
Surr: 4-Terphenyl-d14	88.7	55.1-140		%REC	3/08/10 13:42	

**Qualifiers:**

B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-02    **Collection Date:** 3/02/10 10:10  
**Matrix:** SLUDGE

**Sample ID:** SED 32 (4-6)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	6.79	0.995		mg/Kg-dry	3/10/10 14:34	
Barium	198	0.995		mg/Kg-dry	3/10/10 14:34	
Selenium	< 1.99	1.99		mg/Kg-dry	3/10/10 14:34	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	5,020	184		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	15.8	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	10.3	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 17:48	
<b>LEACHATE CHLORIDES</b>	<b>SW9253</b>					<b>SP</b>
Chlorides	621	50.0		mg/L	3/13/10 11:05	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	80.9	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	15.6	0.100		meq	3/09/10 0:00	
Soluble Calcium	20.4	1.00		meq	3/09/10 0:00	
Soluble Magnesium	53.3	1.00		meq	3/09/10 0:00	
Soluble Sodium	94.7	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	90.8	90.0		mg/Kg	3/08/10 13:59	
TPH (Oil Range)	73.5	70.0		mg/Kg	3/08/10 13:59	
Surr: 4-Terphenyl-d14	82.1	55.1-140		%REC	3/08/10 13:59	

**Qualifiers:**  
 B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
 \* - Value exceeds MCL or Permit Limitation  
 < - Not Detected at the Reporting Limit

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**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-03 **Collection Date:** 3/02/10 10:25  
**Matrix:** SLUDGE

**Sample ID:** SED 33 (4-6)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	3.92	0.993		mg/Kg-dry	3/10/10 14:38	
Barium	154	0.993		mg/Kg-dry	3/10/10 14:38	
Selenium	< 1.99	1.99		mg/Kg-dry	3/10/10 14:38	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	7,470	809		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	25.0	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	19.9	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 17:48	
<b>LEACHATE CHLORIDES</b>	<b>SW9253</b>					<b>SP</b>
Chlorides	2,340	200		mg/L	3/13/10 11:05	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	73.3	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	21.8	0.100		meq	3/09/10 0:00	
Soluble Calcium	32.8	1.00		meq	3/09/10 0:00	
Soluble Magnesium	79.1	1.00		meq	3/09/10 0:00	
Soluble Sodium	163	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	53.6	50.0		mg/Kg	3/08/10 14:17	
TPH (Oil Range)	85.9	85.0		mg/Kg	3/08/10 14:17	
Surr: 4-Terphenyl-d14	91.8	55.1-140		%REC	3/08/10 14:17	

<b>Qualifiers:</b>		
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J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-04 **Collection Date:** 3/02/10 11:00  
**Matrix:** SLUDGE

**Sample ID:** SED 25 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	5.95	0.995		mg/Kg-dry	3/10/10 14:41	
Barium	1,070	0.995		mg/Kg-dry	3/10/10 14:41	
Selenium	< 1.99	1.99		mg/Kg-dry	3/10/10 14:41	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	2,830	347		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	12.6	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	13.4	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 17:48	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	66.6	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	16.2	0.100		meq	3/09/10 0:00	
Soluble Calcium	18.0	1.00		meq	3/09/10 0:00	
Soluble Magnesium	30.5	1.00		meq	3/09/10 0:00	
Soluble Sodium	79.9	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	996	400		mg/Kg	3/07/10 16:17	
TPH (Oil Range)	527	520		mg/Kg	3/07/10 16:17	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 16:17	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-05 **Collection Date:** 3/02/10 11:10  
**Matrix:** SLUDGE

**Sample ID:** SED 25 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	4.66	0.998		mg/Kg-dry	3/10/10 14:45	
Barium	1,300	0.998		mg/Kg-dry	3/10/10 14:45	
Selenium	< 2.00	2.00		mg/Kg-dry	3/10/10 14:45	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	3,020	354		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	13.2	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	18.7	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.104	0.100		mg/Kg-dry	3/11/10 17:48	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	69.9	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	17.6	0.100		meq	3/09/10 0:00	
Soluble Calcium	18.4	1.00		meq	3/09/10 0:00	
Soluble Magnesium	31.1	1.00		meq	3/09/10 0:00	
Soluble Sodium	87.4	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	348	340		mg/Kg	3/07/10 16:34	
TPH (Oil Range)	280	280		mg/Kg	3/07/10 16:34	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 16:34	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-06 **Collection Date:** 3/02/10 11:25  
**Matrix:** SLUDGE

**Sample ID:** SED 24 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	4.97	0.992		mg/Kg-dry	3/10/10 14:48	
Barium	706	0.992		mg/Kg-dry	3/10/10 14:48	
Selenium	< 1.98	1.98		mg/Kg-dry	3/10/10 14:48	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,970	179		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	7.14	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	8.2	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 17:48	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	58.2	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	12.3	0.100		meq	3/09/10 0:00	
Soluble Calcium	7.55	1.00		meq	3/09/10 0:00	
Soluble Magnesium	14.9	1.00		meq	3/09/10 0:00	
Soluble Sodium	41.3	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	297	280		mg/Kg	3/07/10 16:52	
TPH (Oil Range)	294	280		mg/Kg	3/07/10 16:52	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 16:52	

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S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-07 **Collection Date:** 3/02/10 11:30  
**Matrix:** SLUDGE

**Sample ID:** SED 24 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	3.53	0.996		mg/Kg-dry	3/10/10 14:51	
Barium	302	0.996		mg/Kg-dry	3/10/10 14:51	
Selenium	< 1.99	1.99		mg/Kg-dry	3/10/10 14:51	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,340	146		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	7.30	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	8.1	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 17:48	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	62.0	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	9.18	0.100		meq	3/09/10 0:00	
Soluble Calcium	11.9	1.00		meq	3/09/10 0:00	
Soluble Magnesium	26.2	1.00		meq	3/09/10 0:00	
Soluble Sodium	40.0	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	101	100		mg/Kg	3/08/10 14:35	
TPH (Oil Range)	101	100		mg/Kg	3/08/10 14:35	
Surr: 4-Terphenyl-d14	85.5	55.1-140		%REC	3/08/10 14:35	

**Qualifiers:**

B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit



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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-08 **Collection Date:** 3/02/10 11:50  
**Matrix:** SLUDGE

**Sample ID:** SED 23 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	6.73	0.992		mg/Kg-dry	3/10/10 14:55	
Barium	888	0.992		mg/Kg-dry	3/10/10 14:55	
Selenium	< 1.98	1.98		mg/Kg-dry	3/10/10 14:55	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	2,390	164		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	10.5	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	11.0	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 17:48	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	67.9	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	14.2	0.100		meq	3/09/10 0:00	
Soluble Calcium	14.1	1.00		meq	3/09/10 0:00	
Soluble Magnesium	27.0	1.00		meq	3/09/10 0:00	
Soluble Sodium	64.2	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	1,670	400		mg/Kg	3/07/10 17:28	
TPH (Oil Range)	907	900		mg/Kg	3/07/10 17:28	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 17:28	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-09 **Collection Date:** 3/02/10 12:00  
**Matrix:** SLUDGE

**Sample ID:** SED 23 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	5.67	0.994		mg/Kg-dry	3/10/10 14:58	
Barium	951	0.994		mg/Kg-dry	3/10/10 14:58	
Selenium	< 1.99	1.99		mg/Kg-dry	3/10/10 14:58	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,390	145		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	9.67	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	7.7	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 17:48	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	69.5	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	8.66	0.100		meq	3/09/10 0:00	
Soluble Calcium	21.0	1.00		meq	3/09/10 0:00	
Soluble Magnesium	35.8	1.00		meq	3/09/10 0:00	
Soluble Sodium	46.2	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	2,120	400		mg/Kg	3/07/10 17:45	
TPH (Oil Range)	1,200	1,000		mg/Kg	3/07/10 17:45	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 17:45	

**Qualifiers:**

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J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-10 **Collection Date:** 3/02/10 12:45  
**Matrix:** SLUDGE

**Sample ID:** SED 27 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	4.95	0.991		mg/Kg-dry	3/10/10 15:02	
Barium	548	0.991		mg/Kg-dry	3/10/10 15:02	
Selenium	< 1.98	1.98		mg/Kg-dry	3/10/10 15:02	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	2,910	316		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	18.4	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	11.1	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 17:48	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	72.9	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	15.1	0.100		meq	3/09/10 0:00	
Soluble Calcium	28.1	1.00		meq	3/09/10 0:00	
Soluble Magnesium	85.3	1.00		meq	3/09/10 0:00	
Soluble Sodium	114	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	179	160		mg/Kg	3/07/10 20:07	
TPH (Oil Range)	175	160		mg/Kg	3/07/10 20:07	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 20:07	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-11    **Collection Date:** 3/02/10 12:55  
**Matrix:** SLUDGE

**Sample ID:** SED 27 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	4.97	0.994		mg/Kg-dry	3/10/10 15:12	
Barium	855	0.994		mg/Kg-dry	3/10/10 15:12	
Selenium	< 1.99	1.99		mg/Kg-dry	3/10/10 15:12	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	2,800	161		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	11.0	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	11.8	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.125	0.100		mg/Kg-dry	3/11/10 17:48	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	68.2	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	13.9	0.100		meq	3/09/10 0:00	
Soluble Calcium	14.6	1.00		meq	3/09/10 0:00	
Soluble Magnesium	32.9	1.00		meq	3/09/10 0:00	
Soluble Sodium	67.9	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	623	400		mg/Kg	3/07/10 20:24	
TPH (Oil Range)	451	440		mg/Kg	3/07/10 20:24	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 20:24	

**Qualifiers:**

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J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-12 **Collection Date:** 3/02/10 13:25  
**Matrix:** SLUDGE

**Sample ID:** SED 26 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	4.77	0.995		mg/Kg-dry	3/10/10 15:15	
Barium	791	0.995		mg/Kg-dry	3/10/10 15:15	
Selenium	< 1.99	1.99		mg/Kg-dry	3/10/10 15:15	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,680	140		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	9.12	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	11.3	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.454	0.100		mg/Kg-dry	3/11/10 17:48	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	61.6	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	14.3	0.100		meq	3/09/10 0:00	
Soluble Calcium	21.6	1.00		meq	3/09/10 0:00	
Soluble Magnesium	16.5	1.00		meq	3/09/10 0:00	
Soluble Sodium	62.3	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	10,900	2,000		mg/Kg	3/08/10 15:11	
TPH (Oil Range)	4,770	4,700		mg/Kg	3/08/10 15:11	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/08/10 15:11	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-13 **Collection Date:** 3/02/10 13:35  
**Matrix:** SLUDGE

**Sample ID:** SED 26 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	6.51	0.994		mg/Kg-dry	3/10/10 15:18	
Barium	810	0.994		mg/Kg-dry	3/10/10 15:18	
Selenium	< 1.99	1.99		mg/Kg-dry	3/10/10 15:18	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	2,660	187		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	10.6	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	18.2	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.393	0.100		mg/Kg-dry	3/11/10 19:38	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	83.0	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	20.0	0.100		meq	3/09/10 0:00	
Soluble Calcium	16.4	1.00		meq	3/09/10 0:00	
Soluble Magnesium	10.2	1.00		meq	3/09/10 0:00	
Soluble Sodium	73.1	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	2,940	400		mg/Kg	3/07/10 21:00	
TPH (Oil Range)	1,330	1,000		mg/Kg	3/07/10 21:00	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 21:00	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-14 **Collection Date:** 3/02/10 14:15  
**Matrix:** SLUDGE

**Sample ID:** SED 28 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b> <b>29B/SW6010B</b> <b>STS</b>						
Arsenic	5.04	0.995		mg/Kg-dry	3/10/10 15:21	
Barium	495	0.995		mg/Kg-dry	3/10/10 15:21	
Cadmium	< 0.498	0.498		mg/Kg-dry	3/10/10 15:21	
Chromium	17.5	0.995		mg/Kg-dry	3/10/10 15:21	
Lead	17.9	0.995		mg/Kg-dry	3/10/10 15:21	
Selenium	< 1.99	1.99		mg/Kg-dry	3/10/10 15:21	
Strontium	237	9.95		mg/Kg-dry	3/10/10 15:40	
<b>SOLUBLE CHLORIDE</b> <b>29B/SW9253</b> <b>SP</b>						
Chlorides	5,280	451		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b> <b>29B/E120.1</b> <b>AG</b>						
Electrical Conductivity	15.6	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b> <b>29B/E273.1</b> <b>MB</b>						
Exchangeable Sodium %	20.7	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b> <b>29B/SW7471A</b> <b>MB</b>						
Mercury	1.21	0.100		mg/Kg-dry	3/11/10 19:38	
<b>PERCENT MOISTURE</b> <b>SW9071B</b> <b>AG</b>						
Percent Moisture	76.7	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b> <b>29B/SW6010B</b> <b>STS</b>						
Sodium Adsorption Ratio	23.6	0.100		meq	3/09/10 0:00	
Soluble Calcium	16.7	1.00		meq	3/09/10 0:00	
Soluble Magnesium	27.1	1.00		meq	3/09/10 0:00	
Soluble Sodium	111	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b> <b>SW8015B</b> <b>CR</b>						
TPH (Diesel Range)	8,420	2,000		mg/Kg	3/08/10 15:28	
TPH (Oil Range)	3,360	3,300		mg/Kg	3/08/10 15:28	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/08/10 15:28	

**Qualifiers:**  
 B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
 \* - Value exceeds MCL or Permit Limitation  
 < - Not Detected at the Reporting Limit

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(800) 737-2378

**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-15 **Collection Date:** 3/02/10 14:20  
**Matrix:** SLUDGE

**Sample ID:** SED 28 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Arsenic	6.23	0.991		mg/Kg-dry	3/10/10 15:24	<b>STS</b>
Barium	332	0.991		mg/Kg-dry	3/10/10 15:24	
Cadmium	< 0.496	0.496		mg/Kg-dry	3/10/10 15:24	
Chromium	9.39	0.991		mg/Kg-dry	3/10/10 15:24	
Lead	8.36	0.991		mg/Kg-dry	3/10/10 15:24	
Selenium	< 1.98	1.98		mg/Kg-dry	3/10/10 15:24	
Strontium	366	9.91		mg/Kg-dry	3/10/10 15:50	
<b>SOLUBLE CHLORIDE</b> <span style="float:right"><b>29B/SW9253</b></span>						
Chlorides	7,730	558		mg/Kg-dry	3/11/10 9:45	<b>SP</b>
<b>ELECTRICAL CONDUCTIVITY @ SPE</b> <span style="float:right"><b>29B/E120.1</b></span>						
Electrical Conductivity	20.7	0.100		mmhos/cm	3/11/10 17:30	<b>AG</b>
<b>EXCHANGEABLE SODIUM PERCENTAGE</b> <span style="float:right"><b>29B/E273.1</b></span>						
Exchangeable Sodium %	27.0	0.1		%	3/12/10 0:00	<b>MB</b>
<b>MERCURY IN SOIL OR SLUDGE</b> <span style="float:right"><b>29B/SW7471A</b></span>						
Mercury	0.228	0.100		mg/Kg-dry	3/11/10 19:38	<b>MB</b>
<b>PERCENT MOISTURE</b> <span style="float:right"><b>SW9071B</b></span>						
Percent Moisture	84.3	0.0100		wt%	3/04/10 10:40	<b>AG</b>
<b>SODIUM ADSORPTION RATIO</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Sodium Adsorption Ratio	26.3	0.100		meq	3/09/10 0:00	<b>STS</b>
Soluble Calcium	27.6	1.00		meq	3/09/10 0:00	
Soluble Magnesium	37.1	1.00		meq	3/09/10 0:00	
Soluble Sodium	150	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b> <span style="float:right"><b>SW8015B</b></span>						
TPH (Diesel Range)	514	400		mg/Kg	3/07/10 21:35	<b>CR</b>
TPH (Oil Range)	351	340		mg/Kg	3/07/10 21:35	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 21:35	

**Qualifiers:**  
 B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
 \* - Value exceeds MCL or Permit Limitation  
 < - Not Detected at the Reporting Limit





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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-17 **Collection Date:** 3/02/10 15:15  
**Matrix:** SLUDGE

**Sample ID:** SED 29 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Arsenic	6.86	0.992		mg/Kg-dry	3/10/10 15:30	<b>STS</b>
Barium	486	0.992		mg/Kg-dry	3/10/10 15:30	
Cadmium	< 0.496	0.496		mg/Kg-dry	3/10/10 15:30	
Chromium	19.3	0.992		mg/Kg-dry	3/10/10 15:30	
Lead	11.4	0.992		mg/Kg-dry	3/10/10 15:30	
Selenium	< 1.98	1.98		mg/Kg-dry	3/10/10 15:30	
Strontium	382	9.92		mg/Kg-dry	3/10/10 15:56	
<b>SOLUBLE CHLORIDE</b> <span style="float:right"><b>29B/SW9253</b></span>						
Chlorides	9,310	596		mg/Kg-dry	3/11/10 9:45	<b>SP</b>
<b>ELECTRICAL CONDUCTIVITY @ SPE</b> <span style="float:right"><b>29B/E120.1</b></span>						
Electrical Conductivity	21.5	0.100		mmhos/cm	3/11/10 17:30	<b>AG</b>
<b>EXCHANGEABLE SODIUM PERCENTAGE</b> <span style="float:right"><b>29B/E273.1</b></span>						
Exchangeable Sodium %	19.2	0.1		%	3/12/10 0:00	<b>MB</b>
<b>MERCURY IN SOIL OR SLUDGE</b> <span style="float:right"><b>29B/SW7471A</b></span>						
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 19:38	<b>MB</b>
<b>PERCENT MOISTURE</b> <span style="float:right"><b>SW9071B</b></span>						
Percent Moisture	82.7	0.0100		wt%	3/04/10 11:20	<b>AG</b>
<b>SODIUM ADSORPTION RATIO</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Sodium Adsorption Ratio	30.5	0.100		meq	3/10/10 0:00	<b>STS</b>
Soluble Calcium	24.9	1.00		meq	3/10/10 0:00	
Soluble Magnesium	30.2	1.00		meq	3/10/10 0:00	
Soluble Sodium	160	1.00		meq	3/10/10 0:00	
<b>TPH BY GC/FID</b> <span style="float:right"><b>SW8015B</b></span>						
TPH (Diesel Range)	148	100		mg/Kg	3/08/10 14:53	<b>CR</b>
TPH (Oil Range)	149	145		mg/Kg	3/08/10 14:53	
Surr: 4-Terphenyl-d14	75.5	55.1-140		%REC	3/08/10 14:53	

<b>Qualifiers:</b>	E - Estimated value	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
J - Analyte detected below quantitation limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
S - Spike Recovery outside accepted recovery limits	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-18 **Collection Date:** 3/02/10 14:55  
**Matrix:** SLUDGE

**Sample ID:** SED 30 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Arsenic	4.97	0.991		mg/Kg-dry	3/10/10 15:33	<b>STS</b>
Barium	493	0.991		mg/Kg-dry	3/10/10 15:33	
Cadmium	< 0.496	0.496		mg/Kg-dry	3/10/10 15:33	
Chromium	17.0	0.991		mg/Kg-dry	3/10/10 15:33	
Lead	16.6	0.991		mg/Kg-dry	3/10/10 15:33	
Selenium	< 1.98	1.98		mg/Kg-dry	3/10/10 15:33	
Strontium	220	9.91		mg/Kg-dry	3/10/10 15:59	
<b>SOLUBLE CHLORIDE</b> <span style="float:right"><b>29B/SW9253</b></span>						
Chlorides	7,900	494		mg/Kg-dry	3/11/10 9:45	<b>SP</b>
<b>ELECTRICAL CONDUCTIVITY @ SPE</b> <span style="float:right"><b>29B/E120.1</b></span>						
Electrical Conductivity	23.6	0.100		mmhos/cm	3/11/10 17:30	<b>AG</b>
<b>EXCHANGEABLE SODIUM PERCENTAGE</b> <span style="float:right"><b>29B/E273.1</b></span>						
Exchangeable Sodium %	24.6	0.1		%	3/12/10 0:00	<b>MB</b>
<b>MERCURY IN SOIL OR SLUDGE</b> <span style="float:right"><b>29B/SW7471A</b></span>						
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 19:38	<b>MB</b>
<b>PERCENT MOISTURE</b> <span style="float:right"><b>SW9071B</b></span>						
Percent Moisture	81.1	0.0100		wt%	3/04/10 11:20	<b>AG</b>
<b>SODIUM ADSORPTION RATIO</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Sodium Adsorption Ratio	26.9	0.100		meq	3/10/10 0:00	<b>STS</b>
Soluble Calcium	29.4	1.00		meq	3/10/10 0:00	
Soluble Magnesium	57.0	1.00		meq	3/10/10 0:00	
Soluble Sodium	176	1.00		meq	3/10/10 0:00	
<b>TPH BY GC/FID</b> <span style="float:right"><b>SW8015B</b></span>						
TPH (Diesel Range)	7,770	2,000		mg/Kg	3/08/10 15:46	<b>CR</b>
TPH (Oil Range)	4,180	4,100		mg/Kg	3/08/10 15:46	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/08/10 15:46	

**Qualifiers:**  
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 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
 \* - Value exceeds MCL or Permit Limitation  
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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-19 **Collection Date:** 3/02/10 15:00  
**Matrix:** SLUDGE

**Sample ID:** SED 30 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Arsenic	5.75	0.994		mg/Kg-dry	3/10/10 16:20	<b>STS</b>
Barium	457	0.994		mg/Kg-dry	3/10/10 16:20	
Cadmium	< 0.497	0.497		mg/Kg-dry	3/10/10 16:20	
Chromium	12.2	0.994		mg/Kg-dry	3/10/10 16:20	
Lead	11.1	0.994		mg/Kg-dry	3/10/10 16:20	
Selenium	< 1.99	1.99		mg/Kg-dry	3/10/10 16:20	
Strontium	320	9.94		mg/Kg-dry	3/10/10 16:37	
<b>SOLUBLE CHLORIDE</b> <span style="float:right"><b>29B/SW9253</b></span>						
Chlorides	18,600	1,090		mg/Kg-dry	3/11/10 9:45	<b>SP</b>
<b>ELECTRICAL CONDUCTIVITY @ SPE</b> <span style="float:right"><b>29B/E120.1</b></span>						
Electrical Conductivity	41.9	0.100		mmhos/cm	3/11/10 17:30	<b>AG</b>
<b>EXCHANGEABLE SODIUM PERCENTAGE</b> <span style="float:right"><b>29B/E273.1</b></span>						
Exchangeable Sodium %	56.1	0.1		%	3/12/10 0:00	<b>MB</b>
<b>MERCURY IN SOIL OR SLUDGE</b> <span style="float:right"><b>29B/SW7471A</b></span>						
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 19:38	<b>MB</b>
<b>PERCENT MOISTURE</b> <span style="float:right"><b>SW9071B</b></span>						
Percent Moisture	82.4	0.0100		wt%	3/04/10 11:20	<b>AG</b>
<b>SODIUM ADSORPTION RATIO</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Sodium Adsorption Ratio	65.7	0.100		meq	3/10/10 0:00	<b>STS</b>
Soluble Calcium	34.1	1.00		meq	3/10/10 0:00	
Soluble Magnesium	31.7	1.00		meq	3/10/10 0:00	
Soluble Sodium	377	1.00		meq	3/10/10 0:00	
<b>TPH BY GC/FID</b> <span style="float:right"><b>SW8015B</b></span>						
TPH (Diesel Range)	646	400		mg/Kg	3/07/10 22:46	<b>CR</b>
TPH (Oil Range)	645	640		mg/Kg	3/07/10 22:46	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 22:46	

**Qualifiers:**  
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 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
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**CLIENT:** ICON Environmental Services

**Date Received:** 3/01/10 13:47

**Lab Order:** L10030032

**Date Reported:** 3/11/10 16:56

**Project:** East White Lake 9077-041-0800

**Lab ID:** L10030032-01 **Collection Date:** 3/01/10 9:45

**Sample ID:** SED31 (0-2)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	3.13	0.996		mg/Kg-dry	3/05/10 16:45	
Barium	585	0.996		mg/Kg-dry	3/05/10 16:45	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 16:45	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	6,120	478		mg/Kg-dry	3/05/10 9:50	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	18.7	0.100		mmhos/cm	3/04/10 13:33	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	10.3	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.116	0.100		mg/Kg-dry	3/04/10 20:35	
<b>LEACHATE CHLORIDES</b>	<b>SW9253</b>					<b>SP</b>
Chlorides	1,460	100		mg/L	3/10/10 14:19	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	70.1	0.0100		wt%	3/01/10 14:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	21.4	0.100		meq	3/04/10 0:00	
Soluble Calcium	17.5	1.00		meq	3/04/10 0:00	
Soluble Magnesium	46.3	1.00		meq	3/04/10 0:00	
Soluble Sodium	121	1.00		meq	3/04/10 0:00	
<b>TRUE TOTAL BARIUM</b>	<b>29B/SW6010B</b>					<b>STS</b>
True Total Barium	873	49.1		mg/Kg-dry	3/05/10 10:54	

**Qualifiers:**

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S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services

**Date Received:** 3/01/10 13:47

**Lab Order:** L10030032

**Date Reported:** 3/11/10 16:56

**Project:** East White Lake 9077-041-0800

**Lab ID:** L10030032-02 **Collection Date:** 3/01/10 9:55

**Sample ID:** SED31 (2-4)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	7.76	0.995		mg/Kg-dry	3/05/10 16:48	
Barium	334	0.995		mg/Kg-dry	3/05/10 16:48	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 16:48	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	19,400	1,160		mg/Kg-dry	3/05/10 9:50	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	39.6	0.100		mmhos/cm	3/04/10 13:33	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	25.9	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/04/10 20:35	
<b>LEACHATE CHLORIDES</b>	<b>SW9253</b>					<b>SP</b>
Chlorides	2,700	100		mg/L	3/10/10 14:19	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	84.9	0.0100		wt%	3/01/10 14:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	32.5	0.100		meq	3/04/10 0:00	
Soluble Calcium	42.3	1.00		meq	3/04/10 0:00	
Soluble Magnesium	104	1.00		meq	3/04/10 0:00	
Soluble Sodium	278	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	550	20.0		mg/Kg	3/04/10 22:06	
TPH (Oil Range)	79.5	50.0		mg/Kg	3/04/10 22:06	
Surr: 4-Terphenyl-d14	111	55.1-140		%REC	3/04/10 22:06	
<b>TRUE TOTAL BARIUM</b>	<b>29B/SW6010B</b>					<b>STS</b>
True Total Barium	480	47.3		mg/Kg-dry	3/05/10 11:03	

**Qualifiers:**

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J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services

**Date Received:** 3/01/10 13:47

**Lab Order:** L10030032

**Date Reported:** 3/11/10 16:56

**Project:** East White Lake 9077-041-0800

**Lab ID:** L10030032-03 **Collection Date:** 3/01/10 10:20

**Sample ID:** SED32 (0-2)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	4.47	0.995		mg/Kg-dry	3/05/10 16:51	
Barium	460	0.995		mg/Kg-dry	3/05/10 16:51	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 16:51	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	3,250	173		mg/Kg-dry	3/05/10 9:50	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	13.3	0.100		mmhos/cm	3/04/10 13:33	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	18.4	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.132	0.100		mg/Kg-dry	3/04/10 20:35	
<b>LEACHATE CHLORIDES</b>	<b>SW9253</b>					<b>SP</b>
Chlorides	1,030	100		mg/L	3/10/10 14:19	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	72.3	0.0100		wt%	3/01/10 14:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	15.6	0.100		meq	3/04/10 0:00	
Soluble Calcium	12.3	1.00		meq	3/04/10 0:00	
Soluble Magnesium	36.9	1.00		meq	3/04/10 0:00	
Soluble Sodium	77.2	1.00		meq	3/04/10 0:00	
<b>TRUE TOTAL BARIUM</b>	<b>29B/SW6010B</b>					<b>STS</b>
True Total Barium	635	48.2		mg/Kg-dry	3/05/10 11:06	

**Qualifiers:**

B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services

**Date Received:** 3/01/10 13:47

**Lab Order:** L10030032

**Date Reported:** 3/11/10 16:56

**Project:** East White Lake 9077-041-0800

**Lab ID:** L10030032-04 **Collection Date:** 3/01/10 10:30

**Sample ID:** SED32 (2-4)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	7.84	0.997		mg/Kg-dry	3/05/10 16:55	
Barium	348	0.997		mg/Kg-dry	3/05/10 16:55	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 16:55	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	7,510	588		mg/Kg-dry	3/05/10 9:50	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	18.2	0.100		mmhos/cm	3/04/10 13:33	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	29.8	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.165	0.100		mg/Kg-dry	3/04/10 20:35	
<b>LEACHATE CHLORIDES</b>	<b>SW9253</b>					<b>SP</b>
Chlorides	1,140	100		mg/L	3/10/10 14:19	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	83.9	0.0100		wt%	3/01/10 14:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	17.6	0.100		meq	3/04/10 0:00	
Soluble Calcium	22.6	1.00		meq	3/04/10 0:00	
Soluble Magnesium	56.7	1.00		meq	3/04/10 0:00	
Soluble Sodium	111	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	82.1	20.0		mg/Kg	3/04/10 22:41	
TPH (Oil Range)	< 50.0	50.0		mg/Kg	3/04/10 22:41	
Surr: 4-Terphenyl-d14	91.1	55.1-140		%REC	3/04/10 22:41	
<b>TRUE TOTAL BARIUM</b>	<b>29B/SW6010B</b>					<b>STS</b>
True Total Barium	493	45.9		mg/Kg-dry	3/05/10 11:09	

**Qualifiers:**

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S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
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**CLIENT:** ICON Environmental Services

**Date Received:** 3/01/10 13:47

**Lab Order:** L10030032

**Date Reported:** 3/11/10 16:56

**Project:** East White Lake 9077-041-0800

**Lab ID:** L10030032-05 **Collection Date:** 3/01/10 11:10

**Sample ID:** SED33 (0-2)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	3.21	0.995		mg/Kg-dry	3/05/10 16:58	
Barium	395	0.995		mg/Kg-dry	3/05/10 16:58	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 16:58	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	8,170	1,000		mg/Kg-dry	3/05/10 9:50	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	21.2	0.100		mmhos/cm	3/04/10 13:33	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	10.8	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/04/10 20:35	
<b>LEACHATE CHLORIDES</b>	<b>SW9253</b>					<b>SP</b>
Chlorides	1,920	100		mg/L	3/10/10 14:19	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	73.4	0.0100		wt%	3/01/10 14:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	23.5	0.100		meq	3/04/10 0:00	
Soluble Calcium	17.6	1.00		meq	3/04/10 0:00	
Soluble Magnesium	52.7	1.00		meq	3/04/10 0:00	
Soluble Sodium	140	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	130	20.0		mg/Kg	3/04/10 22:59	
TPH (Oil Range)	55.1	50.0		mg/Kg	3/04/10 22:59	
Surr: 4-Terphenyl-d14	112	55.1-140		%REC	3/04/10 22:59	
<b>TRUE TOTAL BARIUM</b>	<b>29B/SW6010B</b>					<b>STS</b>
True Total Barium	490	47.8		mg/Kg-dry	3/05/10 11:13	

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S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services

**Date Received:** 3/01/10 13:47

**Lab Order:** L10030032

**Date Reported:** 3/11/10 16:56

**Project:** East White Lake 9077-041-0800

**Lab ID:** L10030032-06 **Collection Date:** 3/01/10 11:15

**Sample ID:** SED33 (2-4)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	8.24	0.996		mg/Kg-dry	3/05/10 17:01	
Barium	318	0.996		mg/Kg-dry	3/05/10 17:01	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 17:01	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	20,500	679		mg/Kg-dry	3/05/10 9:50	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	37.4	0.100		mmhos/cm	3/04/10 13:33	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	26.5	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/04/10 20:35	
<b>LEACHATE CHLORIDES</b>	<b>SW9253</b>					<b>SP</b>
Chlorides	2,310	100		mg/L	3/10/10 14:19	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	86.8	0.0100		wt%	3/01/10 14:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	31.7	0.100		meq	3/04/10 0:00	
Soluble Calcium	36.8	1.00		meq	3/04/10 0:00	
Soluble Magnesium	99.1	1.00		meq	3/04/10 0:00	
Soluble Sodium	261	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	50.6	20.0		mg/Kg	3/04/10 23:17	
TPH (Oil Range)	< 50.0	50.0		mg/Kg	3/04/10 23:17	
Surr: 4-Terphenyl-d14	78.9	55.1-140		%REC	3/04/10 23:17	
<b>TRUE TOTAL BARIUM</b>	<b>29B/SW6010B</b>					<b>STS</b>
True Total Barium	467	49.1		mg/Kg-dry	3/05/10 11:24	

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	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-01 **Collection Date:** 2/25/10 10:25  
**Matrix:** SOIL

**Sample ID:** SED 1 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	7.36	0.991		mg/Kg-dry	3/05/10 12:29	
Barium	428	0.991		mg/Kg-dry	3/05/10 12:29	
Cadmium	< 0.496	0.496		mg/Kg-dry	3/05/10 12:29	
Chromium	19.4	0.991		mg/Kg-dry	3/05/10 12:29	
Lead	22.3	0.991		mg/Kg-dry	3/05/10 12:29	
Selenium	< 1.98	1.98		mg/Kg-dry	3/05/10 12:29	
Strontium	56.3	0.991		mg/Kg-dry	3/05/10 12:29	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	3,060	163		mg/Kg-dry	3/04/10 13:22	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	15.4	0.100		mmhos/cm	3/04/10 12:15	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	14.7	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.139	0.100		mg/Kg-dry	3/03/10 17:05	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	77.3	0.0100		wt%	3/01/10 11:15	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	16.1	0.100		meq	3/04/10 0:00	
Soluble Calcium	24.6	1.00		meq	3/04/10 0:00	
Soluble Magnesium	53.5	1.00		meq	3/04/10 0:00	
Soluble Sodium	100	1.00		meq	3/04/10 0:00	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-02 **Collection Date:** 2/25/10 10:40  
**Matrix:** SOIL

**Sample ID:** SED 1 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	20.1	0.994		mg/Kg-dry	3/05/10 12:45	
Barium	320	0.994		mg/Kg-dry	3/05/10 12:45	
Cadmium	0.772	0.497		mg/Kg-dry	3/05/10 12:45	
Chromium	10.1	0.994		mg/Kg-dry	3/05/10 12:45	
Lead	9.54	0.994		mg/Kg-dry	3/05/10 12:45	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 12:45	
Strontium	61.2	0.994		mg/Kg-dry	3/05/10 12:45	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	7,060	262		mg/Kg-dry	3/04/10 13:22	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	16.1	0.100		mmhos/cm	3/04/10 12:15	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	12.2	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.100	0.100		mg/Kg-dry	3/03/10 17:05	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	88.4	0.0100		wt%	3/01/10 11:15	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	18.2	0.100		meq	3/04/10 0:00	
Soluble Calcium	18.6	1.00		meq	3/04/10 0:00	
Soluble Magnesium	38.9	1.00		meq	3/04/10 0:00	
Soluble Sodium	97.5	1.00		meq	3/04/10 0:00	

**Qualifiers:**  
 B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
 \* - Value exceeds MCL or Permit Limitation  
 < - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-03 **Collection Date:** 2/25/10 10:50  
**Matrix:** SOIL

**Sample ID:** SED 1 (4-6)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	3.40	0.992		mg/Kg-dry	3/05/10 12:48	
Barium	144	0.992		mg/Kg-dry	3/05/10 12:48	
Cadmium	< 0.496	0.496		mg/Kg-dry	3/05/10 12:48	
Chromium	17.8	0.992		mg/Kg-dry	3/05/10 12:48	
Lead	10.5	0.992		mg/Kg-dry	3/05/10 12:48	
Selenium	< 1.98	1.98		mg/Kg-dry	3/05/10 12:48	
Strontium	41.6	0.992		mg/Kg-dry	3/05/10 12:48	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	3,420	219		mg/Kg-dry	3/04/10 13:22	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	13.0	0.100		mmhos/cm	3/04/10 12:15	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	9.0	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/03/10 17:05	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	78.4	0.0100		wt%	3/01/10 11:15	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	10.5	0.100		meq	3/04/10 0:00	
Soluble Calcium	29.9	1.00		meq	3/04/10 0:00	
Soluble Magnesium	56.9	1.00		meq	3/04/10 0:00	
Soluble Sodium	69.1	1.00		meq	3/04/10 0:00	

**Qualifiers:**  
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 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
 \* - Value exceeds MCL or Permit Limitation  
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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-04 **Collection Date:** 2/25/10 11:05  
**Matrix:** SOIL

**Sample ID:** SED 2 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	8.29	0.992		mg/Kg-dry	3/05/10 12:52	
Barium	308	0.992		mg/Kg-dry	3/05/10 12:52	
Cadmium	< 0.496	0.496		mg/Kg-dry	3/05/10 12:52	
Chromium	19.2	0.992		mg/Kg-dry	3/05/10 12:52	
Lead	21.0	0.992		mg/Kg-dry	3/05/10 12:52	
Selenium	< 1.98	1.98		mg/Kg-dry	3/05/10 12:52	
Strontium	59.2	0.992		mg/Kg-dry	3/05/10 12:52	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	5,620	452		mg/Kg-dry	3/04/10 13:22	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	19.1	0.100		mmhos/cm	3/04/10 12:15	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	16.4	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/03/10 17:05	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	80.8	0.0100		wt%	3/01/10 11:15	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	19.0	0.100		meq	3/04/10 0:00	
Soluble Calcium	25.1	1.00		meq	3/04/10 0:00	
Soluble Magnesium	61.6	1.00		meq	3/04/10 0:00	
Soluble Sodium	125	1.00		meq	3/04/10 0:00	

**Qualifiers:**  
 B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
 \* - Value exceeds MCL or Permit Limitation  
 < - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-05 **Collection Date:** 2/25/10 11:15  
**Matrix:** SOIL

**Sample ID:** SED 2 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	40.3	0.994		mg/Kg-dry	3/05/10 12:55	
Barium	265	0.994		mg/Kg-dry	3/05/10 12:55	
Cadmium	1.35	0.497		mg/Kg-dry	3/05/10 12:55	
Chromium	8.16	0.994		mg/Kg-dry	3/05/10 12:55	
Lead	10.8	0.994		mg/Kg-dry	3/05/10 12:55	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 12:55	
Strontium	89.5	0.994		mg/Kg-dry	3/05/10 12:55	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	10,400	1,270		mg/Kg-dry	3/04/10 13:22	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	24.6	0.100		mmhos/cm	3/04/10 12:15	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	28.1	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/03/10 17:05	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	92.4	0.0100		wt%	3/01/10 11:15	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	22.4	0.100		meq	3/04/10 0:00	
Soluble Calcium	39.7	1.00		meq	3/04/10 0:00	
Soluble Magnesium	80.2	1.00		meq	3/04/10 0:00	
Soluble Sodium	173	1.00		meq	3/04/10 0:00	

**Qualifiers:**

B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-06 **Collection Date:** 2/25/10 11:25  
**Matrix:** SOIL

**Sample ID:** SED 2 (4-6)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	1.97	0.997		mg/Kg-dry	3/05/10 12:58	
Barium	149	0.997		mg/Kg-dry	3/05/10 12:58	
Cadmium	< 0.499	0.499		mg/Kg-dry	3/05/10 12:58	
Chromium	13.2	0.997		mg/Kg-dry	3/05/10 12:58	
Lead	12.7	0.997		mg/Kg-dry	3/05/10 12:58	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 12:58	
Strontium	42.8	0.997		mg/Kg-dry	3/05/10 12:58	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,790	174		mg/Kg-dry	3/04/10 13:22	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	15.3	0.100		mmhos/cm	3/04/10 12:15	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	10.5	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.832	0.100		mg/Kg-dry	3/03/10 17:05	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	73.3	0.0100		wt%	3/01/10 11:15	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	10.5	0.100		meq	3/04/10 0:00	
Soluble Calcium	24.6	1.00		meq	3/04/10 0:00	
Soluble Magnesium	95.0	1.00		meq	3/04/10 0:00	
Soluble Sodium	81.1	1.00		meq	3/04/10 0:00	

**Qualifiers:**

B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit



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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-07 **Collection Date:** 2/25/10 11:45  
**Matrix:** SOIL

**Sample ID:** SED 3 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	8.72	0.993		mg/Kg-dry	3/05/10 13:02	
Barium	315	0.993		mg/Kg-dry	3/05/10 13:02	
Cadmium	< 0.496	0.496		mg/Kg-dry	3/05/10 13:02	
Chromium	15.2	0.993		mg/Kg-dry	3/05/10 13:02	
Lead	19.9	0.993		mg/Kg-dry	3/05/10 13:02	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 13:02	
Strontium	60.2	0.993		mg/Kg-dry	3/05/10 13:02	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	4,700	184		mg/Kg-dry	3/04/10 13:22	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	16.4	0.100		mmhos/cm	3/04/10 12:15	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	13.1	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/03/10 17:05	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	83.2	0.0100		wt%	3/01/10 11:15	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	13.3	0.100		meq	3/04/10 0:00	
Soluble Calcium	28.8	1.00		meq	3/04/10 0:00	
Soluble Magnesium	64.5	1.00		meq	3/04/10 0:00	
Soluble Sodium	91.0	1.00		meq	3/04/10 0:00	

<b>Qualifiers:</b>	E - Estimated value	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
J - Analyte detected below quantitation limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
S - Spike Recovery outside accepted recovery limits	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-08 **Collection Date:** 2/25/10 11:55  
**Matrix:** SOIL

**Sample ID:** SED 3 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	29.9	0.994		mg/Kg-dry	3/05/10 13:05	
Barium	246	0.994		mg/Kg-dry	3/05/10 13:05	
Cadmium	1.10	0.497		mg/Kg-dry	3/05/10 13:05	
Chromium	8.87	0.994		mg/Kg-dry	3/05/10 13:05	
Lead	10.1	0.994		mg/Kg-dry	3/05/10 13:05	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 13:05	
Strontium	92.7	0.994		mg/Kg-dry	3/05/10 13:05	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	7,530	624		mg/Kg-dry	3/04/10 13:22	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	19.3	0.100		mmhos/cm	3/04/10 12:15	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	19.6	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.108	0.100		mg/Kg-dry	3/03/10 17:05	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	92.1	0.0100		wt%	3/01/10 11:15	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	15.1	0.100		meq	3/04/10 0:00	
Soluble Calcium	31.2	1.00		meq	3/04/10 0:00	
Soluble Magnesium	71.0	1.00		meq	3/04/10 0:00	
Soluble Sodium	108	1.00		meq	3/04/10 0:00	

**Qualifiers:**  
 B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
 \* - Value exceeds MCL or Permit Limitation  
 < - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-09 **Collection Date:** 2/25/10 12:00  
**Matrix:** SOIL

**Sample ID:** SED 3 (4-6)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	1.41	0.996		mg/Kg-dry	3/05/10 13:08	
Barium	128	0.996		mg/Kg-dry	3/05/10 13:08	
Cadmium	< 0.498	0.498		mg/Kg-dry	3/05/10 13:08	
Chromium	15.6	0.996		mg/Kg-dry	3/05/10 13:08	
Lead	13.8	0.996		mg/Kg-dry	3/05/10 13:08	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 13:08	
Strontium	36.6	0.996		mg/Kg-dry	3/05/10 13:08	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	813	153		mg/Kg-dry	3/04/10 13:22	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	11.6	0.100		mmhos/cm	3/04/10 12:15	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	8.8	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.112	0.100		mg/Kg-dry	3/03/10 17:05	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	64.3	0.0100		wt%	3/01/10 11:15	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	7.73	0.100		meq	3/04/10 0:00	
Soluble Calcium	25.0	1.00		meq	3/04/10 0:00	
Soluble Magnesium	76.5	1.00		meq	3/04/10 0:00	
Soluble Sodium	55.1	1.00		meq	3/04/10 0:00	

**Qualifiers:**

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J - Analyte detected below quantitation limits  
S - Spike Recovery outside accepted recovery limits

E - Estimated value  
+DO - Diluted out due to dilution  
MI+ - Matrix Interference  
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R - RPD outside accepted recovery limits  
PQL - Practical Quantitation Limit  
\* - Value exceeds MCL or Permit Limitation  
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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-10 **Collection Date:** 2/25/10 13:15  
**Matrix:** SOIL

**Sample ID:** SED 4 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Arsenic	5.42	0.991		mg/Kg-dry	3/05/10 13:12	<b>STS</b>
Barium	662	0.991		mg/Kg-dry	3/05/10 13:12	
Cadmium	0.594	0.496		mg/Kg-dry	3/05/10 13:12	
Chromium	16.4	0.991		mg/Kg-dry	3/05/10 13:12	
Lead	22.4	0.991		mg/Kg-dry	3/05/10 13:12	
Selenium	< 1.98	1.98		mg/Kg-dry	3/05/10 13:12	
Strontium	91.7	0.991		mg/Kg-dry	3/05/10 13:12	
<b>SOLUBLE CHLORIDE</b> <span style="float:right"><b>29B/SW9253</b></span>						
Chlorides	2,300	141		mg/Kg-dry	3/04/10 13:22	<b>SP</b>
<b>ELECTRICAL CONDUCTIVITY @ SPE</b> <span style="float:right"><b>29B/E120.1</b></span>						
Electrical Conductivity	14.3	0.100		mmhos/cm	3/04/10 12:15	<b>MB</b>
<b>EXCHANGEABLE SODIUM PERCENTAGE</b> <span style="float:right"><b>29B/E273.1</b></span>						
Exchangeable Sodium %	13.7	0.1		%	3/08/10 0:00	<b>MB</b>
<b>MERCURY IN SOIL OR SLUDGE</b> <span style="float:right"><b>29B/SW7471A</b></span>						
Mercury	0.220	0.100		mg/Kg-dry	3/03/10 17:05	<b>MB</b>
<b>PERCENT MOISTURE</b> <span style="float:right"><b>SW9071B</b></span>						
Percent Moisture	61.4	0.0100		wt%	3/01/10 11:15	<b>AG</b>
<b>SODIUM ADSORPTION RATIO</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Sodium Adsorption Ratio	14.9	0.100		meq	3/04/10 0:00	<b>STS</b>
Soluble Calcium	39.0	1.00		meq	3/04/10 0:00	
Soluble Magnesium	45.7	1.00		meq	3/04/10 0:00	
Soluble Sodium	97.0	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b> <span style="float:right"><b>SW8015B</b></span>						
TPH (Diesel Range)	287	280		mg/Kg	3/06/10 13:43	<b>CR</b>
TPH (Oil Range)	366	360		mg/Kg	3/06/10 13:43	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/06/10 13:43	

**Qualifiers:**

B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-11 **Collection Date:** 2/25/10 13:30  
**Matrix:** SOIL

**Sample ID:** SED 5 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Arsenic	4.75	0.993		mg/Kg-dry	3/05/10 13:21	<b>STS</b>
Barium	216	0.993		mg/Kg-dry	3/05/10 13:21	
Cadmium	< 0.496	0.496		mg/Kg-dry	3/05/10 13:21	
Chromium	15.3	0.993		mg/Kg-dry	3/05/10 13:21	
Lead	15.4	0.993		mg/Kg-dry	3/05/10 13:21	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 13:21	
Strontium	58.9	0.993		mg/Kg-dry	3/05/10 13:21	
<b>SOLUBLE CHLORIDE</b> <span style="float:right"><b>29B/SW9253</b></span>						
Chlorides	1,540	155		mg/Kg-dry	3/04/10 13:22	<b>SP</b>
<b>ELECTRICAL CONDUCTIVITY @ SPE</b> <span style="float:right"><b>29B/E120.1</b></span>						
Electrical Conductivity	10.7	0.100		mmhos/cm	3/04/10 12:15	<b>MB</b>
<b>EXCHANGEABLE SODIUM PERCENTAGE</b> <span style="float:right"><b>29B/E273.1</b></span>						
Exchangeable Sodium %	9.4	0.1		%	3/08/10 0:00	<b>MB</b>
<b>MERCURY IN SOIL OR SLUDGE</b> <span style="float:right"><b>29B/SW7471A</b></span>						
Mercury	0.623	0.100		mg/Kg-dry	3/03/10 17:05	<b>MB</b>
<b>PERCENT MOISTURE</b> <span style="float:right"><b>SW9071B</b></span>						
Percent Moisture	57.6	0.0100		wt%	3/01/10 11:15	<b>AG</b>
<b>SODIUM ADSORPTION RATIO</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Sodium Adsorption Ratio	8.47	0.100		meq	3/04/10 0:00	<b>STS</b>
Soluble Calcium	40.4	1.00		meq	3/04/10 0:00	
Soluble Magnesium	46.0	1.00		meq	3/04/10 0:00	
Soluble Sodium	55.6	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b> <span style="float:right"><b>SW8015B</b></span>						
TPH (Diesel Range)	96.8	95.0		mg/Kg	3/08/10 1:08	<b>CR</b>
TPH (Oil Range)	120	120		mg/Kg	3/08/10 1:08	
Surr: 4-Terphenyl-d14	91.6	55.1-140		%REC	3/08/10 1:08	

**Qualifiers:**  
 B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
 \* - Value exceeds MCL or Permit Limitation  
 < - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-12 **Collection Date:** 2/25/10 13:45  
**Matrix:** SOIL

**Sample ID:** SED 6 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Arsenic	8.06	0.992		mg/Kg-dry	3/05/10 13:25	<b>STS</b>
Barium	522	0.992		mg/Kg-dry	3/05/10 13:25	
Cadmium	1.21	0.496		mg/Kg-dry	3/05/10 13:25	
Chromium	24.1	0.992		mg/Kg-dry	3/05/10 13:25	
Lead	55.2	0.992		mg/Kg-dry	3/05/10 13:25	
Selenium	< 1.98	1.98		mg/Kg-dry	3/05/10 13:25	
Strontium	140	9.92		mg/Kg-dry	3/05/10 17:30	
<b>SOLUBLE CHLORIDE</b> <span style="float:right"><b>29B/SW9253</b></span>						
Chlorides	2,310	167		mg/Kg-dry	3/04/10 13:22	<b>SP</b>
<b>ELECTRICAL CONDUCTIVITY @ SPE</b> <span style="float:right"><b>29B/E120.1</b></span>						
Electrical Conductivity	14.2	0.100		mmhos/cm	3/04/10 12:15	<b>MB</b>
<b>EXCHANGEABLE SODIUM PERCENTAGE</b> <span style="float:right"><b>29B/E273.1</b></span>						
Exchangeable Sodium %	11.3	0.1		%	3/08/10 0:00	<b>MB</b>
<b>MERCURY IN SOIL OR SLUDGE</b> <span style="float:right"><b>29B/SW7471A</b></span>						
Mercury	14.3	1.00		mg/Kg-dry	3/03/10 17:05	<b>MB</b>
<b>PERCENT MOISTURE</b> <span style="float:right"><b>SW9071B</b></span>						
Percent Moisture	64.8	0.0100		wt%	3/01/10 11:15	<b>AG</b>
<b>SODIUM ADSORPTION RATIO</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Sodium Adsorption Ratio	10.7	0.100		meq	3/04/10 0:00	<b>STS</b>
Soluble Calcium	47.5	1.00		meq	3/04/10 0:00	
Soluble Magnesium	65.0	1.00		meq	3/04/10 0:00	
Soluble Sodium	80.2	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b> <span style="float:right"><b>SW8015B</b></span>						
TPH (Diesel Range)	360	360		mg/Kg	3/06/10 14:18	<b>CR</b>
TPH (Oil Range)	1,080	1,000		mg/Kg	3/06/10 14:18	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/06/10 14:18	

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 J - Analyte detected below quantitation limits  
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 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
 \* - Value exceeds MCL or Permit Limitation  
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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-13 **Collection Date:** 2/25/10 14:00  
**Matrix:** SOIL

**Sample ID:** SED 7 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Arsenic	3.93	0.991		mg/Kg-dry	3/05/10 13:28	<b>STS</b>
Barium	686	0.991		mg/Kg-dry	3/05/10 13:28	
Cadmium	< 0.496	0.496		mg/Kg-dry	3/05/10 13:28	
Chromium	19.0	0.991		mg/Kg-dry	3/05/10 13:28	
Lead	19.9	0.991		mg/Kg-dry	3/05/10 13:28	
Selenium	< 1.98	1.98		mg/Kg-dry	3/05/10 13:28	
Strontium	48.3	0.991		mg/Kg-dry	3/05/10 13:28	
<b>SOLUBLE CHLORIDE</b> <span style="float:right"><b>29B/SW9253</b></span>						
Chlorides	2,680	164		mg/Kg-dry	3/04/10 13:22	<b>SP</b>
<b>ELECTRICAL CONDUCTIVITY @ SPE</b> <span style="float:right"><b>29B/E120.1</b></span>						
Electrical Conductivity	13.2	0.100		mmhos/cm	3/04/10 12:15	<b>MB</b>
<b>EXCHANGEABLE SODIUM PERCENTAGE</b> <span style="float:right"><b>29B/E273.1</b></span>						
Exchangeable Sodium %	14.1	0.1		%	3/08/10 0:00	<b>MB</b>
<b>MERCURY IN SOIL OR SLUDGE</b> <span style="float:right"><b>29B/SW7471A</b></span>						
Mercury	0.119	0.100		mg/Kg-dry	3/03/10 17:05	<b>MB</b>
<b>PERCENT MOISTURE</b> <span style="float:right"><b>SW9071B</b></span>						
Percent Moisture	69.6	0.0100		wt%	3/01/10 11:15	<b>AG</b>
<b>SODIUM ADSORPTION RATIO</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Sodium Adsorption Ratio	12.3	0.100		meq	3/04/10 0:00	<b>STS</b>
Soluble Calcium	20.4	1.00		meq	3/04/10 0:00	
Soluble Magnesium	49.9	1.00		meq	3/04/10 0:00	
Soluble Sodium	72.8	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b> <span style="float:right"><b>SW8015B</b></span>						
TPH (Diesel Range)	163	160		mg/Kg	3/06/10 14:36	<b>CR</b>
TPH (Oil Range)	316	300		mg/Kg	3/06/10 14:36	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/06/10 14:36	

**Qualifiers:**

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J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-14 **Collection Date:** 2/25/10 14:15  
**Matrix:** SOIL

**Sample ID:** SED 7 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Arsenic	4.72	0.996		mg/Kg-dry	3/05/10 13:31	<b>STS</b>
Barium	1,010	0.996		mg/Kg-dry	3/05/10 13:31	
Cadmium	< 0.498	0.498		mg/Kg-dry	3/05/10 13:31	
Chromium	19.2	0.996		mg/Kg-dry	3/05/10 13:31	
Lead	21.6	0.996		mg/Kg-dry	3/05/10 13:31	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 13:31	
Strontium	80.4	0.996		mg/Kg-dry	3/05/10 13:31	
<b>SOLUBLE CHLORIDE</b> <span style="float:right"><b>29B/SW9253</b></span>						
Chlorides	1,380	76.1		mg/Kg-dry	3/05/10 8:34	<b>SP</b>
<b>ELECTRICAL CONDUCTIVITY @ SPE</b> <span style="float:right"><b>29B/E120.1</b></span>						
Electrical Conductivity	9.92	0.100		mmhos/cm	3/04/10 12:15	<b>MB</b>
<b>EXCHANGEABLE SODIUM PERCENTAGE</b> <span style="float:right"><b>29B/E273.1</b></span>						
Exchangeable Sodium %	6.6	0.1		%	3/08/10 0:00	<b>MB</b>
<b>MERCURY IN SOIL OR SLUDGE</b> <span style="float:right"><b>29B/SW7471A</b></span>						
Mercury	0.218	0.100		mg/Kg-dry	3/03/10 17:05	<b>MB</b>
<b>PERCENT MOISTURE</b> <span style="float:right"><b>SW9071B</b></span>						
Percent Moisture	61.9	0.0100		wt%	3/01/10 11:15	<b>AG</b>
<b>SODIUM ADSORPTION RATIO</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Sodium Adsorption Ratio	7.63	0.100		meq	3/04/10 0:00	<b>STS</b>
Soluble Calcium	31.4	1.00		meq	3/04/10 0:00	
Soluble Magnesium	36.0	1.00		meq	3/04/10 0:00	
Soluble Sodium	44.3	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b> <span style="float:right"><b>SW8015B</b></span>						
TPH (Diesel Range)	2,050	400		mg/Kg	3/06/10 14:53	<b>CR</b>
TPH (Oil Range)	1,410	1,000		mg/Kg	3/06/10 14:53	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/06/10 14:53	

**Qualifiers:**

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J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit



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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-15 **Collection Date:** 2/25/10 14:20  
**Matrix:** SOIL

**Sample ID:** SED 7 (4-6)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Arsenic	5.45	0.995		mg/Kg-dry	3/05/10 13:34	<b>STS</b>
Barium	847	0.995		mg/Kg-dry	3/05/10 13:34	
Cadmium	< 0.497	0.497		mg/Kg-dry	3/05/10 13:34	
Chromium	16.9	0.995		mg/Kg-dry	3/05/10 13:34	
Lead	19.3	0.995		mg/Kg-dry	3/05/10 13:34	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 13:34	
Strontium	101	0.995		mg/Kg-dry	3/05/10 13:34	
<b>SOLUBLE CHLORIDE</b> <span style="float:right"><b>29B/SW9253</b></span>						
Chlorides	1,130	151		mg/Kg-dry	3/05/10 8:34	<b>SP</b>
<b>ELECTRICAL CONDUCTIVITY @ SPE</b> <span style="float:right"><b>29B/E120.1</b></span>						
Electrical Conductivity	11.3	0.100		mmhos/cm	3/04/10 12:15	<b>MB</b>
<b>EXCHANGEABLE SODIUM PERCENTAGE</b> <span style="float:right"><b>29B/E273.1</b></span>						
Exchangeable Sodium %	7.0	0.1		%	3/08/10 0:00	<b>MB</b>
<b>MERCURY IN SOIL OR SLUDGE</b> <span style="float:right"><b>29B/SW7471A</b></span>						
Mercury	0.152	0.100		mg/Kg-dry	3/03/10 17:05	<b>MB</b>
<b>PERCENT MOISTURE</b> <span style="float:right"><b>SW9071B</b></span>						
Percent Moisture	69.5	0.0100		wt%	3/01/10 11:15	<b>AG</b>
<b>SODIUM ADSORPTION RATIO</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Sodium Adsorption Ratio	6.46	0.100		meq	3/04/10 0:00	<b>STS</b>
Soluble Calcium	45.5	1.00		meq	3/04/10 0:00	
Soluble Magnesium	56.3	1.00		meq	3/04/10 0:00	
Soluble Sodium	46.1	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b> <span style="float:right"><b>SW8015B</b></span>						
TPH (Diesel Range)	853	400		mg/Kg	3/06/10 15:11	<b>CR</b>
TPH (Oil Range)	478	460		mg/Kg	3/06/10 15:11	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/06/10 15:11	

<b>Qualifiers:</b>	E - Estimated value	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
J - Analyte detected below quantitation limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
S - Spike Recovery outside accepted recovery limits	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-16 **Collection Date:** 2/25/10 14:55  
**Matrix:** SOIL

**Sample ID:** SED 8 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b> <span style="float: right;"><b>29B/SW6010B</b></span>						
Arsenic	4.00	0.993		mg/Kg-dry	3/05/10 13:38	<b>STS</b>
Barium	587	0.993		mg/Kg-dry	3/05/10 13:38	
Cadmium	< 0.497	0.497		mg/Kg-dry	3/05/10 13:38	
Chromium	18.0	0.993		mg/Kg-dry	3/05/10 13:38	
Lead	20.1	0.993		mg/Kg-dry	3/05/10 13:38	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 13:38	
Strontium	51.3	0.993		mg/Kg-dry	3/05/10 13:38	
<b>SOLUBLE CHLORIDE</b> <span style="float: right;"><b>29B/SW9253</b></span>						
Chlorides	2,040	155		mg/Kg-dry	3/05/10 8:34	<b>SP</b>
<b>ELECTRICAL CONDUCTIVITY @ SPE</b> <span style="float: right;"><b>29B/E120.1</b></span>						
Electrical Conductivity	12.7	0.100		mmhos/cm	3/04/10 12:15	<b>MB</b>
<b>EXCHANGEABLE SODIUM PERCENTAGE</b> <span style="float: right;"><b>29B/E273.1</b></span>						
Exchangeable Sodium %	11.6	0.1		%	3/08/10 0:00	<b>MB</b>
<b>MERCURY IN SOIL OR SLUDGE</b> <span style="float: right;"><b>29B/SW7471A</b></span>						
Mercury	< 0.100	0.100		mg/Kg-dry	3/03/10 17:05	<b>MB</b>
<b>PERCENT MOISTURE</b> <span style="float: right;"><b>SW9071B</b></span>						
Percent Moisture	69.4	0.0100		wt%	3/01/10 11:15	<b>AG</b>
<b>SODIUM ADSORPTION RATIO</b> <span style="float: right;"><b>29B/SW6010B</b></span>						
Sodium Adsorption Ratio	10.6	0.100		meq	3/04/10 0:00	<b>STS</b>
Soluble Calcium	20.5	1.00		meq	3/04/10 0:00	
Soluble Magnesium	59.2	1.00		meq	3/04/10 0:00	
Soluble Sodium	66.7	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b> <span style="float: right;"><b>SW8015B</b></span>						
TPH (Diesel Range)	108	100		mg/Kg	3/08/10 1:25	<b>CR</b>
TPH (Oil Range)	96.4	95.0		mg/Kg	3/08/10 1:25	
Surr: 4-Terphenyl-d14	92.3	55.1-140		%REC	3/08/10 1:25	

**Qualifiers:**  
 B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
 \* - Value exceeds MCL or Permit Limitation  
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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-17 **Collection Date:** 2/25/10 15:00  
**Matrix:** SOIL

**Sample ID:** SED 8 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Arsenic	5.37	0.991		mg/Kg-dry	3/05/10 13:41	<b>STS</b>
Barium	883	0.991		mg/Kg-dry	3/05/10 13:41	
Cadmium	< 0.496	0.496		mg/Kg-dry	3/05/10 13:41	
Chromium	18.1	0.991		mg/Kg-dry	3/05/10 13:41	
Lead	21.2	0.991		mg/Kg-dry	3/05/10 13:41	
Selenium	< 1.98	1.98		mg/Kg-dry	3/05/10 13:41	
Strontium	58.5	0.991		mg/Kg-dry	3/05/10 13:41	
<b>SOLUBLE CHLORIDE</b> <span style="float:right"><b>29B/SW9253</b></span>						
Chlorides	1,290	72.8		mg/Kg-dry	3/05/10 8:34	<b>SP</b>
<b>ELECTRICAL CONDUCTIVITY @ SPE</b> <span style="float:right"><b>29B/E120.1</b></span>						
Electrical Conductivity	8.82	0.100		mmhos/cm	3/04/10 12:15	<b>MB</b>
<b>EXCHANGEABLE SODIUM PERCENTAGE</b> <span style="float:right"><b>29B/E273.1</b></span>						
Exchangeable Sodium %	7.9	0.1		%	3/08/10 0:00	<b>MB</b>
<b>MERCURY IN SOIL OR SLUDGE</b> <span style="float:right"><b>29B/SW7471A</b></span>						
Mercury	0.177	0.100		mg/Kg-dry	3/03/10 17:05	<b>MB</b>
<b>PERCENT MOISTURE</b> <span style="float:right"><b>SW9071B</b></span>						
Percent Moisture	63.2	0.0100		wt%	3/01/10 11:15	<b>AG</b>
<b>SODIUM ADSORPTION RATIO</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Sodium Adsorption Ratio	7.84	0.100		meq	3/04/10 0:00	<b>STS</b>
Soluble Calcium	21.0	1.00		meq	3/04/10 0:00	
Soluble Magnesium	39.7	1.00		meq	3/04/10 0:00	
Soluble Sodium	43.2	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b> <span style="float:right"><b>SW8015B</b></span>						
TPH (Diesel Range)	340	320		mg/Kg	3/06/10 15:46	<b>CR</b>
TPH (Oil Range)	199	180		mg/Kg	3/06/10 15:46	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/06/10 15:46	

**Qualifiers:**  
 B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
 \* - Value exceeds MCL or Permit Limitation  
 < - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-18    **Collection Date:** 2/25/10 15:25  
**Matrix:** SOIL

**Sample ID:** SED 9 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	5.11	0.994		mg/Kg-dry	3/05/10 13:44	
Barium	493	0.994		mg/Kg-dry	3/05/10 13:44	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 13:44	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	2,250	147		mg/Kg-dry	3/05/10 8:34	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	11.6	0.100		mmhos/cm	3/04/10 12:15	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	9.3	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.168	0.100		mg/Kg-dry	3/03/10 17:05	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	66.0	0.0100		wt%	3/01/10 11:15	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	9.23	0.100		meq	3/04/10 0:00	
Soluble Calcium	17.1	1.00		meq	3/04/10 0:00	
Soluble Magnesium	50.7	1.00		meq	3/04/10 0:00	
Soluble Sodium	53.8	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	57.4	55.0		mg/Kg	3/08/10 1:43	
TPH (Oil Range)	103	100		mg/Kg	3/08/10 1:43	
Surr: 4-Terphenyl-d14	111	55.1-140		%REC	3/08/10 1:43	

**Qualifiers:**  
 B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-19 **Collection Date:** 2/25/10 15:35  
**Matrix:** SOIL

**Sample ID:** SED 9 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	6.40	0.990		mg/Kg-dry	3/05/10 13:48	
Barium	687	0.990		mg/Kg-dry	3/05/10 13:48	
Selenium	< 1.98	1.98		mg/Kg-dry	3/05/10 13:48	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,330	76.5		mg/Kg-dry	3/05/10 8:34	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	9.60	0.100		mmhos/cm	3/04/10 12:15	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	7.0	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.195	0.100		mg/Kg-dry	3/03/10 17:05	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	63.0	0.0100		wt%	3/01/10 11:15	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	7.83	0.100		meq	3/04/10 0:00	
Soluble Calcium	21.2	1.00		meq	3/04/10 0:00	
Soluble Magnesium	41.9	1.00		meq	3/04/10 0:00	
Soluble Sodium	43.9	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	80.3	80.0		mg/Kg	3/08/10 2:01	
TPH (Oil Range)	78.4	75.0		mg/Kg	3/08/10 2:01	
Surr: 4-Terphenyl-d14	96.9	55.1-140		%REC	3/08/10 2:01	

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 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
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 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-20 **Collection Date:** 2/25/10 15:50  
**Matrix:** SOIL

**Sample ID:** SED 10 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	5.20	0.994		mg/Kg-dry	3/05/10 13:51	
Barium	769	0.994		mg/Kg-dry	3/05/10 13:51	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 13:51	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	2,800	136		mg/Kg-dry	3/05/10 8:34	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	17.2	0.100		mmhos/cm	3/04/10 12:15	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	11.8	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.197	0.100		mg/Kg-dry	3/03/10 17:05	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	65.4	0.0100		wt%	3/01/10 11:15	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	15.7	0.100		meq	3/04/10 0:00	
Soluble Calcium	23.1	1.00		meq	3/04/10 0:00	
Soluble Magnesium	68.7	1.00		meq	3/04/10 0:00	
Soluble Sodium	106	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	122	100		mg/Kg	3/08/10 2:19	
TPH (Oil Range)	142	140		mg/Kg	3/08/10 2:19	
Surr: 4-Terphenyl-d14	104	55.1-140		%REC	3/08/10 2:19	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-21 **Collection Date:** 2/25/10 15:55  
**Matrix:** SOIL

**Sample ID:** SED 10 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	5.62	0.993		mg/Kg-dry	3/05/10 14:11	
Barium	999	0.993		mg/Kg-dry	3/05/10 14:11	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 14:11	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,940	161		mg/Kg-dry	3/05/10 8:34	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	11.3	0.100		mmhos/cm	3/04/10 12:49	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	8.1	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.150	0.100		mg/Kg-dry	3/04/10 18:41	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	62.0	0.0100		wt%	3/01/10 11:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	10.8	0.100		meq	3/04/10 0:00	
Soluble Calcium	21.9	1.00		meq	3/04/10 0:00	
Soluble Magnesium	45.0	1.00		meq	3/04/10 0:00	
Soluble Sodium	62.5	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	191	100		mg/Kg	3/08/10 2:37	
TPH (Oil Range)	183	180		mg/Kg	3/08/10 2:37	
Surr: 4-Terphenyl-d14	93.3	55.1-140		%REC	3/08/10 2:37	

**Qualifiers:**

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J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-22 **Collection Date:** 2/25/10 16:15  
**Matrix:** SOIL

**Sample ID:** SED 11 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	6.50	0.994		mg/Kg-dry	3/05/10 14:20	
Barium	1,260	0.994		mg/Kg-dry	3/05/10 14:20	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 14:20	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,490	136		mg/Kg-dry	3/05/10 8:34	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	12.3	0.100		mmhos/cm	3/04/10 12:49	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	8.8	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.192	0.100		mg/Kg-dry	3/04/10 18:41	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	64.9	0.0100		wt%	3/01/10 11:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	8.64	0.100		meq	3/04/10 0:00	
Soluble Calcium	25.2	1.00		meq	3/04/10 0:00	
Soluble Magnesium	58.7	1.00		meq	3/04/10 0:00	
Soluble Sodium	55.9	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	337	320		mg/Kg	3/06/10 19:18	
TPH (Oil Range)	260	240		mg/Kg	3/06/10 19:18	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/06/10 19:18	

**Qualifiers:**

B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit



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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-23    **Collection Date:** 2/25/10 16:25  
**Matrix:** SOIL

**Sample ID:** SED 11 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	6.54	0.997		mg/Kg-dry	3/05/10 14:24	
Barium	1,130	0.997		mg/Kg-dry	3/05/10 14:24	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 14:24	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,390	72.6		mg/Kg-dry	3/05/10 8:34	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	9.95	0.100		mmhos/cm	3/04/10 12:49	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	4.4	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.142	0.100		mg/Kg-dry	3/04/10 18:41	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	63.2	0.0100		wt%	3/01/10 11:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	7.20	0.100		meq	3/04/10 0:00	
Soluble Calcium	25.4	1.00		meq	3/04/10 0:00	
Soluble Magnesium	44.9	1.00		meq	3/04/10 0:00	
Soluble Sodium	42.7	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	342	340		mg/Kg	3/06/10 19:36	
TPH (Oil Range)	266	260		mg/Kg	3/06/10 19:36	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/06/10 19:36	

**Qualifiers:**

B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-24 **Collection Date:** 2/25/10 16:45  
**Matrix:** SOIL

**Sample ID:** SED 12 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	3.80	0.996		mg/Kg-dry	3/05/10 14:27	
Barium	933	0.996		mg/Kg-dry	3/05/10 14:27	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 14:27	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,850	145		mg/Kg-dry	3/05/10 8:34	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	13.6	0.100		mmhos/cm	3/04/10 12:49	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	11.5	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.128	0.100		mg/Kg-dry	3/04/10 18:41	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	69.9	0.0100		wt%	3/01/10 11:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	11.4	0.100		meq	3/04/10 0:00	
Soluble Calcium	26.8	1.00		meq	3/04/10 0:00	
Soluble Magnesium	59.5	1.00		meq	3/04/10 0:00	
Soluble Sodium	74.6	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	216	200		mg/Kg	3/06/10 19:54	
TPH (Oil Range)	194	180		mg/Kg	3/06/10 19:54	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/06/10 19:54	

**Qualifiers:**

B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-25    **Collection Date:** 2/25/10 16:55  
**Matrix:** SOIL

**Sample ID:** SED 12 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	5.93	0.994		mg/Kg-dry	3/05/10 14:31	
Barium	1,500	0.994		mg/Kg-dry	3/05/10 14:31	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 14:31	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	2,130	87.1		mg/Kg-dry	3/05/10 8:34	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	8.15	0.100		mmhos/cm	3/04/10 12:49	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	7.1	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.207	0.100		mg/Kg-dry	3/04/10 18:41	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	66.8	0.0100		wt%	3/01/10 11:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	11.0	0.100		meq	3/04/10 0:00	
Soluble Calcium	12.0	1.00		meq	3/04/10 0:00	
Soluble Magnesium	19.6	1.00		meq	3/04/10 0:00	
Soluble Sodium	43.7	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	1,220	400		mg/Kg	3/06/10 20:11	
TPH (Oil Range)	682	680		mg/Kg	3/06/10 20:11	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/06/10 20:11	

**Qualifiers:**

B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-26 **Collection Date:** 2/25/10 17:05  
**Matrix:** SOIL

**Sample ID:** SED 12 (4-6)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	4.78	0.991		mg/Kg-dry	3/05/10 14:41	
Barium	1,360	0.991		mg/Kg-dry	3/05/10 14:41	
Selenium	< 1.98	1.98		mg/Kg-dry	3/05/10 14:41	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,480	77.2		mg/Kg-dry	3/05/10 8:34	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	6.92	0.100		mmhos/cm	3/04/10 12:49	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	8.9	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.134	0.100		mg/Kg-dry	3/04/10 18:41	
<b>LEACHATE CHLORIDES</b>	<b>SW9253</b>					<b>SP</b>
Chlorides	408	50.0		mg/L	3/10/10 14:19	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	64.1	0.0100		wt%	3/01/10 11:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	10.5	0.100		meq	3/04/10 0:00	
Soluble Calcium	11.8	1.00		meq	3/04/10 0:00	
Soluble Magnesium	15.6	1.00		meq	3/04/10 0:00	
Soluble Sodium	38.8	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	1,760	400		mg/Kg	3/06/10 20:29	
TPH (Oil Range)	979	960		mg/Kg	3/06/10 20:29	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/06/10 20:29	

**Qualifiers:**  
 B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
 \* - Value exceeds MCL or Permit Limitation  
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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-27 **Collection Date:** 2/26/10 8:30  
**Matrix:** SOIL

**Sample ID:** SED 13 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	4.32	0.994		mg/Kg-dry	3/05/10 14:44	
Barium	773	0.994		mg/Kg-dry	3/05/10 14:44	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 14:44	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	4,340	422		mg/Kg-dry	3/05/10 8:34	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	19.7	0.100		mmhos/cm	3/04/10 12:49	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	15.1	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.231	0.100		mg/Kg-dry	3/04/10 18:41	
<b>LEACHATE CHLORIDES</b>	<b>SW9253</b>					<b>SP</b>
Chlorides	1,280	100		mg/L	3/10/10 14:19	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	74.9	0.0100		wt%	3/01/10 11:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	15.7	0.100		meq	3/04/10 0:00	
Soluble Calcium	38.0	1.00		meq	3/04/10 0:00	
Soluble Magnesium	94.7	1.00		meq	3/04/10 0:00	
Soluble Sodium	128	1.00		meq	3/04/10 0:00	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-28 **Collection Date:** 2/26/10 8:35  
**Matrix:** SOIL

**Sample ID:** SED 13 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	3.47	0.992		mg/Kg-dry	3/05/10 14:47	
Barium	682	0.992		mg/Kg-dry	3/05/10 14:47	
Selenium	< 1.98	1.98		mg/Kg-dry	3/05/10 14:47	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	3,610	164		mg/Kg-dry	3/05/10 8:34	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	16.8	0.100		mmhos/cm	3/04/10 12:49	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	13.8	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/04/10 18:41	
<b>LEACHATE CHLORIDES</b>	<b>SW9253</b>					<b>SP</b>
Chlorides	958	50.0		mg/L	3/10/10 14:19	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	67.2	0.0100		wt%	3/01/10 11:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	18.7	0.100		meq	3/04/10 0:00	
Soluble Calcium	36.8	1.00		meq	3/04/10 0:00	
Soluble Magnesium	29.6	1.00		meq	3/04/10 0:00	
Soluble Sodium	108	1.00		meq	3/04/10 0:00	

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J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-29 **Collection Date:** 2/26/10 8:50  
**Matrix:** SOIL

**Sample ID:** SED 14 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	3.33	0.997		mg/Kg-dry	3/05/10 14:50	
Barium	1,180	0.997		mg/Kg-dry	3/05/10 14:50	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 14:50	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	3,830	154		mg/Kg-dry	3/05/10 8:34	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	15.4	0.100		mmhos/cm	3/04/10 12:49	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	12.6	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.103	0.100		mg/Kg-dry	3/04/10 18:41	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	70.7	0.0100		wt%	3/01/10 11:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	17.2	0.100		meq	3/04/10 0:00	
Soluble Calcium	11.4	1.00		meq	3/04/10 0:00	
Soluble Magnesium	42.0	1.00		meq	3/04/10 0:00	
Soluble Sodium	89.1	1.00		meq	3/04/10 0:00	

**Qualifiers:**

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J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-30 **Collection Date:** 2/26/10 9:00  
**Matrix:** SOIL

**Sample ID:** SED 14 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	5.74	0.994		mg/Kg-dry	3/05/10 14:53	
Barium	1,540	0.994		mg/Kg-dry	3/05/10 14:53	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 14:53	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	2,280	149		mg/Kg-dry	3/05/10 8:34	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	9.88	0.100		mmhos/cm	3/04/10 12:49	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	8.1	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.124	0.100		mg/Kg-dry	3/04/10 18:41	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	65.7	0.0100		wt%	3/01/10 11:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	14.0	0.100		meq	3/04/10 0:00	
Soluble Calcium	14.0	1.00		meq	3/04/10 0:00	
Soluble Magnesium	21.2	1.00		meq	3/04/10 0:00	
Soluble Sodium	58.8	1.00		meq	3/04/10 0:00	

**Qualifiers:**

B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit



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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-31 **Collection Date:** 2/26/10 9:25  
**Matrix:** SOIL

**Sample ID:** SED 15 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	3.09	0.998		mg/Kg-dry	3/05/10 14:57	
Barium	2,670	0.998		mg/Kg-dry	3/05/10 14:57	
Cadmium	1.07	0.499		mg/Kg-dry	3/05/10 14:57	
Chromium	501	0.998		mg/Kg-dry	3/05/10 14:57	
Lead	179	0.998		mg/Kg-dry	3/05/10 14:57	
Selenium	< 2.00	2.00		mg/Kg-dry	3/05/10 14:57	
Strontium	160	9.98		mg/Kg-dry	3/05/10 17:48	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,380	90.7		mg/Kg-dry	3/05/10 8:34	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	7.28	0.100		mmhos/cm	3/04/10 12:49	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	12.4	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	1.04	0.100		mg/Kg-dry	3/04/10 18:41	
<b>LEACHATE CHLORIDES</b>	<b>SW9253</b>					<b>SP</b>
Chlorides	426	50.0		mg/L	3/10/10 14:19	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	54.6	0.0100		wt%	3/01/10 11:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	10.8	0.100		meq	3/04/10 0:00	
Soluble Calcium	18.2	1.00		meq	3/04/10 0:00	
Soluble Magnesium	17.7	1.00		meq	3/04/10 0:00	
Soluble Sodium	45.6	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	50,300	20,000		mg/Kg	3/08/10 3:12	
TPH (Oil Range)	21,800	21,000		mg/Kg	3/08/10 3:12	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/08/10 3:12	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-32 **Collection Date:** 2/26/10 9:35  
**Matrix:** SOIL

**Sample ID:** SED 15 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Arsenic	4.67	0.993		mg/Kg-dry	3/05/10 15:00	<b>STS</b>
Barium	2,300	0.993		mg/Kg-dry	3/05/10 15:00	
Cadmium	0.692	0.496		mg/Kg-dry	3/05/10 15:00	
Chromium	209	0.993		mg/Kg-dry	3/05/10 15:00	
Lead	87.3	0.993		mg/Kg-dry	3/05/10 15:00	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 15:00	
Strontium	142	9.93		mg/Kg-dry	3/05/10 17:58	
<b>SOLUBLE CHLORIDE</b> <span style="float:right"><b>29B/SW9253</b></span>						
Chlorides	702	54.9		mg/Kg-dry	3/05/10 8:34	<b>SP</b>
<b>ELECTRICAL CONDUCTIVITY @ SPE</b> <span style="float:right"><b>29B/E120.1</b></span>						
Electrical Conductivity	5.73	0.100		mmhos/cm	3/04/10 12:49	<b>MB</b>
<b>EXCHANGEABLE SODIUM PERCENTAGE</b> <span style="float:right"><b>29B/E273.1</b></span>						
Exchangeable Sodium %	8.9	0.1		%	3/08/10 0:00	<b>MB</b>
<b>MERCURY IN SOIL OR SLUDGE</b> <span style="float:right"><b>29B/SW7471A</b></span>						
Mercury	0.415	0.100		mg/Kg-dry	3/04/10 18:41	<b>MB</b>
<b>LEACHATE CHLORIDES</b> <span style="float:right"><b>SW9253</b></span>						
Chlorides	248	50.0		mg/L	3/10/10 14:19	<b>SP</b>
<b>PERCENT MOISTURE</b> <span style="float:right"><b>SW9071B</b></span>						
Percent Moisture	43.6	0.0100		wt%	3/01/10 11:50	<b>AG</b>
<b>SODIUM ADSORPTION RATIO</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Sodium Adsorption Ratio	10.6	0.100		meq	3/04/10 0:00	<b>STS</b>
Soluble Calcium	15.6	1.00		meq	3/04/10 0:00	
Soluble Magnesium	7.72	1.00		meq	3/04/10 0:00	
Soluble Sodium	36.1	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b> <span style="float:right"><b>SW8015B</b></span>						
TPH (Diesel Range)	57,000	20,000		mg/Kg	3/08/10 3:30	<b>CR</b>
TPH (Oil Range)	23,500	23,000		mg/Kg	3/08/10 3:30	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/08/10 3:30	

**Qualifiers:**  
 B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
 \* - Value exceeds MCL or Permit Limitation  
 < - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-33 **Collection Date:** 2/26/10 9:55  
**Matrix:** SOIL

**Sample ID:** SED 16 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	5.09	0.996		mg/Kg-dry	3/05/10 15:03	
Barium	270	0.996		mg/Kg-dry	3/05/10 15:03	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 15:03	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	4,440	216		mg/Kg-dry	3/05/10 8:34	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	14.5	0.100		mmhos/cm	3/04/10 12:49	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	12.2	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.604	0.100		mg/Kg-dry	3/04/10 18:41	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	78.6	0.0100		wt%	3/01/10 11:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	13.2	0.100		meq	3/04/10 0:00	
Soluble Calcium	20.3	1.00		meq	3/04/10 0:00	
Soluble Magnesium	53.1	1.00		meq	3/04/10 0:00	
Soluble Sodium	79.8	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	70.8	70.0		mg/Kg	3/08/10 2:54	
TPH (Oil Range)	118	115		mg/Kg	3/08/10 2:54	
Surr: 4-Terphenyl-d14	94.5	55.1-140		%REC	3/08/10 2:54	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-34 **Collection Date:** 2/26/10 10:10  
**Matrix:** SOIL

**Sample ID:** SED 17 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	3.31	0.998		mg/Kg-dry	3/05/10 15:06	
Barium	1,720	0.998		mg/Kg-dry	3/05/10 15:06	
Selenium	< 2.00	2.00		mg/Kg-dry	3/05/10 15:06	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,880	139		mg/Kg-dry	3/05/10 9:50	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	11.3	0.100		mmhos/cm	3/04/10 12:49	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	12.1	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.145	0.100		mg/Kg-dry	3/04/10 18:41	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	68.0	0.0100		wt%	3/01/10 11:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	13.5	0.100		meq	3/04/10 0:00	
Soluble Calcium	13.7	1.00		meq	3/04/10 0:00	
Soluble Magnesium	40.8	1.00		meq	3/04/10 0:00	
Soluble Sodium	70.7	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	314	300		mg/Kg	3/05/10 4:17	
TPH (Oil Range)	193	180		mg/Kg	3/05/10 4:17	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/05/10 4:17	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-35    **Collection Date:** 2/26/10 10:15  
**Matrix:** SOIL

**Sample ID:** SED 17 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	4.93	0.992		mg/Kg-dry	3/05/10 15:09	
Barium	1,990	0.992		mg/Kg-dry	3/05/10 15:09	
Selenium	< 1.98	1.98		mg/Kg-dry	3/05/10 15:09	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,540	77.4		mg/Kg-dry	3/05/10 9:50	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	8.67	0.100		mmhos/cm	3/04/10 12:49	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	11.8	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.270	0.100		mg/Kg-dry	3/04/10 18:41	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	64.9	0.0100		wt%	3/01/10 11:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	9.80	0.100		meq	3/04/10 0:00	
Soluble Calcium	11.0	1.00		meq	3/04/10 0:00	
Soluble Magnesium	30.8	1.00		meq	3/04/10 0:00	
Soluble Sodium	44.8	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	270	260		mg/Kg	3/05/10 4:34	
TPH (Oil Range)	174	160		mg/Kg	3/05/10 4:34	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/05/10 4:34	

**Qualifiers:**  
 B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
 \* - Value exceeds MCL or Permit Limitation  
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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-36 **Collection Date:** 2/26/10 10:25  
**Matrix:** SOIL

**Sample ID:** SED 18 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	5.48	0.991		mg/Kg-dry	3/05/10 15:19	
Barium	1,430	0.991		mg/Kg-dry	3/05/10 15:19	
Selenium	< 1.98	1.98		mg/Kg-dry	3/05/10 15:19	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	3,270	167		mg/Kg-dry	3/05/10 9:50	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	12.0	0.100		mmhos/cm	3/04/10 12:49	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	11.4	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.150	0.100		mg/Kg-dry	3/04/10 18:41	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	74.5	0.0100		wt%	3/01/10 11:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	12.0	0.100		meq	3/04/10 0:00	
Soluble Calcium	20.6	1.00		meq	3/04/10 0:00	
Soluble Magnesium	32.6	1.00		meq	3/04/10 0:00	
Soluble Sodium	61.9	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	465	400		mg/Kg	3/05/10 4:52	
TPH (Oil Range)	297	280		mg/Kg	3/05/10 4:52	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/05/10 4:52	

**Qualifiers:**

B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-37 **Collection Date:** 2/26/10 10:30  
**Matrix:** SOIL

**Sample ID:** SED 18 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	5.00	0.995		mg/Kg-dry	3/05/10 15:22	
Barium	1,380	0.995		mg/Kg-dry	3/05/10 15:22	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 15:22	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	2,180	158		mg/Kg-dry	3/05/10 9:50	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	10.5	0.100		mmhos/cm	3/04/10 12:49	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	8.2	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.147	0.100		mg/Kg-dry	3/04/10 18:41	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	72.2	0.0100		wt%	3/01/10 11:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	10.4	0.100		meq	3/04/10 0:00	
Soluble Calcium	24.1	1.00		meq	3/04/10 0:00	
Soluble Magnesium	37.6	1.00		meq	3/04/10 0:00	
Soluble Sodium	57.7	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	637	400		mg/Kg	3/05/10 5:09	
TPH (Oil Range)	415	400		mg/Kg	3/05/10 5:09	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/05/10 5:09	

**Qualifiers:**

B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-38 **Collection Date:** 2/26/10 10:50  
**Matrix:** SOIL

**Sample ID:** SED 19 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	4.74	0.995		mg/Kg-dry	3/05/10 15:26	
Barium	2,610	0.995		mg/Kg-dry	3/05/10 15:26	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 15:26	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,870	165		mg/Kg-dry	3/05/10 9:50	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	11.8	0.100		mmhos/cm	3/04/10 12:49	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	6.5	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.220	0.100		mg/Kg-dry	3/04/10 18:41	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	68.8	0.0100		wt%	3/01/10 11:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	9.23	0.100		meq	3/04/10 0:00	
Soluble Calcium	32.4	1.00		meq	3/04/10 0:00	
Soluble Magnesium	61.0	1.00		meq	3/04/10 0:00	
Soluble Sodium	63.0	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	2,350	400		mg/Kg	3/05/10 5:27	
TPH (Oil Range)	798	780		mg/Kg	3/05/10 5:27	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/05/10 5:27	

**Qualifiers:**  
 B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
 \* - Value exceeds MCL or Permit Limitation  
 < - Not Detected at the Reporting Limit



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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-39 **Collection Date:** 2/26/10 10:55  
**Matrix:** SOIL

**Sample ID:** SED 19 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	6.31	0.993		mg/Kg-dry	3/05/10 15:29	
Barium	1,180	0.993		mg/Kg-dry	3/05/10 15:29	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 15:29	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,370	79.0		mg/Kg-dry	3/05/10 9:50	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	7.91	0.100		mmhos/cm	3/04/10 12:49	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	7.5	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.193	0.100		mg/Kg-dry	3/04/10 18:41	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	59.4	0.0100		wt%	3/01/10 11:50	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	7.10	0.100		meq	3/04/10 0:00	
Soluble Calcium	18.9	1.00		meq	3/04/10 0:00	
Soluble Magnesium	32.5	1.00		meq	3/04/10 0:00	
Soluble Sodium	36.0	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	1,190	400		mg/Kg	3/05/10 5:45	
TPH (Oil Range)	562	560		mg/Kg	3/05/10 5:45	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/05/10 5:45	

**Qualifiers:**

B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-40 **Collection Date:** 2/26/10 11:25  
**Matrix:** SOIL

**Sample ID:** SS08 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>		<b>29B/SW6010B</b>				<b>STS</b>
Arsenic	8.12	0.998		mg/Kg-dry	3/05/10 15:33	
Barium	871	0.998		mg/Kg-dry	3/05/10 15:33	
Cadmium	0.538	0.499		mg/Kg-dry	3/05/10 15:33	
Chromium	15.8	0.998		mg/Kg-dry	3/05/10 15:33	
Lead	24.5	0.998		mg/Kg-dry	3/05/10 15:33	
Selenium	< 2.00	2.00		mg/Kg-dry	3/05/10 15:33	
Strontium	65.3	0.998		mg/Kg-dry	3/05/10 15:33	
<b>MERCURY IN SOIL OR SLUDGE</b>		<b>29B/SW7471A</b>				<b>MB</b>
Mercury	0.860	0.100		mg/Kg-dry	3/04/10 18:41	
<b>PERCENT MOISTURE</b>		<b>SW9071B</b>				<b>AG</b>
Percent Moisture	64.0	0.0100		wt%	3/01/10 11:50	
<b>TPH BY GC/FID</b>		<b>SW8015B</b>				<b>CR</b>
TPH (Diesel Range)	829	400		mg/Kg	3/05/10 6:02	
TPH (Oil Range)	450	440		mg/Kg	3/05/10 6:02	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/05/10 6:02	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-41 **Collection Date:** 2/26/10 11:30  
**Matrix:** SOIL

**Sample ID:** SS08 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	8.01	0.992		mg/Kg-dry	3/05/10 15:49	
Barium	1,010	0.992		mg/Kg-dry	3/05/10 15:49	
Cadmium	0.534	0.496		mg/Kg-dry	3/05/10 15:49	
Chromium	17.1	0.992		mg/Kg-dry	3/05/10 15:49	
Lead	41.0	0.992		mg/Kg-dry	3/05/10 15:49	
Selenium	< 1.98	1.98		mg/Kg-dry	3/05/10 15:49	
Strontium	76.2	0.992		mg/Kg-dry	3/05/10 15:49	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.468	0.100		mg/Kg-dry	3/04/10 20:35	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	62.3	0.0100		wt%	3/01/10 12:45	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-42 **Collection Date:** 2/26/10 11:45  
**Matrix:** SOIL

**Sample ID:** SS10 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>		<b>29B/SW6010B</b>				<b>STS</b>
Arsenic	8.03	0.996		mg/Kg-dry	3/05/10 16:04	
Barium	843	0.996		mg/Kg-dry	3/05/10 16:04	
Cadmium	0.519	0.498		mg/Kg-dry	3/05/10 16:04	
Chromium	14.7	0.996		mg/Kg-dry	3/05/10 16:04	
Lead	28.3	0.996		mg/Kg-dry	3/05/10 16:04	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 16:04	
Strontium	65.3	0.996		mg/Kg-dry	3/05/10 16:04	
<b>MERCURY IN SOIL OR SLUDGE</b>		<b>29B/SW7471A</b>				<b>MB</b>
Mercury	0.276	0.100		mg/Kg-dry	3/04/10 20:35	
<b>PERCENT MOISTURE</b>		<b>SW9071B</b>				<b>AG</b>
Percent Moisture	67.2	0.0100		wt%	3/01/10 12:45	
<b>TPH BY GC/FID</b>		<b>SW8015B</b>				<b>CR</b>
TPH (Diesel Range)	379	360		mg/Kg	3/05/10 6:20	
TPH (Oil Range)	263	260		mg/Kg	3/05/10 6:20	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/05/10 6:20	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-43 **Collection Date:** 2/26/10 11:50  
**Matrix:** SOIL

**Sample ID:** SS10 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>		<b>29B/SW6010B</b>				<b>STS</b>
Arsenic	7.29	0.995		mg/Kg-dry	3/05/10 16:08	
Barium	907	0.995		mg/Kg-dry	3/05/10 16:08	
Cadmium	< 0.498	0.498		mg/Kg-dry	3/05/10 16:08	
Chromium	15.1	0.995		mg/Kg-dry	3/05/10 16:08	
Lead	30.6	0.995		mg/Kg-dry	3/05/10 16:08	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 16:08	
Strontium	91.8	0.995		mg/Kg-dry	3/05/10 16:08	
<b>MERCURY IN SOIL OR SLUDGE</b>		<b>29B/SW7471A</b>				<b>MB</b>
Mercury	0.368	0.100		mg/Kg-dry	3/04/10 20:35	
<b>PERCENT MOISTURE</b>		<b>SW9071B</b>				<b>AG</b>
Percent Moisture	60.6	0.0100		wt%	3/01/10 12:45	
<b>TPH BY GC/FID</b>		<b>SW8015B</b>				<b>CR</b>
TPH (Diesel Range)	1,650	400		mg/Kg	3/05/10 6:55	
TPH (Oil Range)	849	840		mg/Kg	3/05/10 6:55	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/05/10 6:55	

<b>Qualifiers:</b>	E - Estimated value	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
J - Analyte detected below quantitation limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
S - Spike Recovery outside accepted recovery limits	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-44 **Collection Date:** 2/26/10 12:10  
**Matrix:** SOIL

**Sample ID:** SED20 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	5.11	0.998		mg/Kg-dry	3/05/10 16:11	
Barium	686	0.998		mg/Kg-dry	3/05/10 16:11	
Selenium	< 2.00	2.00		mg/Kg-dry	3/05/10 16:11	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	2,540	149		mg/Kg-dry	3/05/10 9:50	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	10.0	0.100		mmhos/cm	3/04/10 13:33	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	11.3	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.189	0.100		mg/Kg-dry	3/04/10 20:35	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	67.2	0.0100		wt%	3/01/10 12:45	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	14.1	0.100		meq	3/04/10 0:00	
Soluble Calcium	8.85	1.00		meq	3/04/10 0:00	
Soluble Magnesium	27.1	1.00		meq	3/04/10 0:00	
Soluble Sodium	59.9	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	112	100		mg/Kg	3/05/10 16:15	
TPH (Oil Range)	100	100		mg/Kg	3/05/10 16:15	
Surr: 4-Terphenyl-d14	96.4	55.1-140		%REC	3/05/10 16:15	

**Qualifiers:**

B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-45 **Collection Date:** 2/26/10 12:15  
**Matrix:** SOIL

**Sample ID:** SED20 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	5.96	0.991		mg/Kg-dry	3/05/10 16:15	
Barium	846	0.991		mg/Kg-dry	3/05/10 16:15	
Selenium	< 1.98	1.98		mg/Kg-dry	3/05/10 16:15	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	2,220	82.3		mg/Kg-dry	3/05/10 9:50	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	7.85	0.100		mmhos/cm	3/04/10 13:33	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	5.3	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100	J	mg/Kg-dry	3/04/10 20:35	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	63.5	0.0100		wt%	3/01/10 12:45	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	11.0	0.100		meq	3/04/10 0:00	
Soluble Calcium	8.40	1.00		meq	3/04/10 0:00	
Soluble Magnesium	20.1	1.00		meq	3/04/10 0:00	
Soluble Sodium	41.6	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	190	100		mg/Kg	3/05/10 16:33	
TPH (Oil Range)	158	155		mg/Kg	3/05/10 16:33	
Surr: 4-Terphenyl-d14	96.3	55.1-140		%REC	3/05/10 16:33	

**Qualifiers:**

B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-46 **Collection Date:** 2/26/10 12:50  
**Matrix:** SOIL

**Sample ID:** SED21 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	3.61	0.992		mg/Kg-dry	3/05/10 16:18	
Barium	578	0.992		mg/Kg-dry	3/05/10 16:18	
Selenium	< 1.98	1.98		mg/Kg-dry	3/05/10 16:18	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	2,150	168		mg/Kg-dry	3/05/10 9:50	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	12.3	0.100		mmhos/cm	3/04/10 13:33	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	10.6	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100	J	mg/Kg-dry	3/04/10 20:35	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	69.8	0.0100		wt%	3/01/10 12:45	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	11.8	0.100		meq	3/04/10 0:00	
Soluble Calcium	19.8	1.00		meq	3/04/10 0:00	
Soluble Magnesium	55.0	1.00		meq	3/04/10 0:00	
Soluble Sodium	72.1	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	138	100		mg/Kg	3/05/10 16:51	
TPH (Oil Range)	135	135		mg/Kg	3/05/10 16:51	
Surr: 4-Terphenyl-d14	102	55.1-140		%REC	3/05/10 16:51	

**Qualifiers:**

B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit



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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-47 **Collection Date:** 2/26/10 12:55  
**Matrix:** SOIL

**Sample ID:** SED21 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	4.63	0.997		mg/Kg-dry	3/05/10 16:22	
Barium	1,040	0.997		mg/Kg-dry	3/05/10 16:22	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 16:22	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,430	70.7		mg/Kg-dry	3/05/10 9:50	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	6.34	0.100		mmhos/cm	3/04/10 13:33	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	7.1	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/04/10 20:35	
<b>LEACHATE CHLORIDES</b>	<b>SW9253</b>					<b>SP</b>
Chlorides	355	50.0		mg/L	3/10/10 14:19	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	59.4	0.0100		wt%	3/01/10 12:45	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	11.5	0.100		meq	3/04/10 0:00	
Soluble Calcium	6.52	1.00		meq	3/04/10 0:00	
Soluble Magnesium	11.8	1.00		meq	3/04/10 0:00	
Soluble Sodium	34.8	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	368	360		mg/Kg	3/05/10 10:08	
TPH (Oil Range)	292	280		mg/Kg	3/05/10 10:08	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/05/10 10:08	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-48 **Collection Date:** 2/26/10 13:05  
**Matrix:** SOIL

**Sample ID:** SED21 (4-6)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	6.26	0.993		mg/Kg-dry	3/05/10 16:25	
Barium	1,040	0.993		mg/Kg-dry	3/05/10 16:25	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 16:25	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,390	73.7		mg/Kg-dry	3/05/10 9:50	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	6.31	0.100		mmhos/cm	3/04/10 13:33	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	5.6	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.140	0.100		mg/Kg-dry	3/04/10 20:35	
<b>LEACHATE CHLORIDES</b>	<b>SW9253</b>					<b>SP</b>
Chlorides	302	50.0		mg/L	3/10/10 14:19	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	60.4	0.0100		wt%	3/01/10 12:45	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	9.08	0.100		meq	3/04/10 0:00	
Soluble Calcium	7.95	1.00		meq	3/04/10 0:00	
Soluble Magnesium	16.1	1.00		meq	3/04/10 0:00	
Soluble Sodium	31.5	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	561	400		mg/Kg	3/05/10 10:26	
TPH (Oil Range)	383	380		mg/Kg	3/05/10 10:26	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/05/10 10:26	

**Qualifiers:**  
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 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
 \* - Value exceeds MCL or Permit Limitation  
 < - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-49 **Collection Date:** 2/26/10 13:10  
**Matrix:** SOIL

**Sample ID:** SED21 (6-8)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	5.24	0.992		mg/Kg-dry	3/05/10 16:28	
Barium	1,160	0.992		mg/Kg-dry	3/05/10 16:28	
Selenium	< 1.98	1.98		mg/Kg-dry	3/05/10 16:28	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,310	80.0		mg/Kg-dry	3/05/10 9:50	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	5.58	0.100		mmhos/cm	3/04/10 13:33	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	6.9	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100	J	mg/Kg-dry	3/04/10 20:35	
<b>LEACHATE CHLORIDES</b>	<b>SW9253</b>					<b>SP</b>
Chlorides	320	100		mg/L	3/10/10 14:19	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	59.2	0.0100		wt%	3/01/10 12:45	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	9.43	0.100		meq	3/04/10 0:00	
Soluble Calcium	7.02	1.00		meq	3/04/10 0:00	
Soluble Magnesium	15.2	1.00		meq	3/04/10 0:00	
Soluble Sodium	31.4	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	2,100	400		mg/Kg	3/05/10 10:44	
TPH (Oil Range)	1,160	1,000		mg/Kg	3/05/10 10:44	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/05/10 10:44	

**Qualifiers:**

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J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-50    **Collection Date:** 2/26/10 13:35  
**Matrix:** SOIL

**Sample ID:** SED22 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	3.14	0.995		mg/Kg-dry	3/05/10 16:32	
Barium	639	0.995		mg/Kg-dry	3/05/10 16:32	
Selenium	< 1.99	1.99		mg/Kg-dry	3/05/10 16:32	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	3,240	158		mg/Kg-dry	3/05/10 9:50	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	12.5	0.100		mmhos/cm	3/04/10 13:33	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	8.5	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100	J	mg/Kg-dry	3/04/10 20:35	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	68.3	0.0100		wt%	3/01/10 12:45	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	16.6	0.100		meq	3/04/10 0:00	
Soluble Calcium	8.44	1.00		meq	3/04/10 0:00	
Soluble Magnesium	32.8	1.00		meq	3/04/10 0:00	
Soluble Sodium	75.3	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	128	100		mg/Kg	3/05/10 17:09	
TPH (Oil Range)	115	115		mg/Kg	3/05/10 17:09	
Surr: 4-Terphenyl-d14	107	55.1-140		%REC	3/05/10 17:09	

**Qualifiers:**

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S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030003  
**Project:** VPSB E. White Lake 9077-041-0800

**Date Received:** 3/01/10 8:30  
**Date Reported:** 3/12/10 15:42

**Lab ID:** L10030003-51 **Collection Date:** 2/26/10 13:40  
**Matrix:** SOIL

**Sample ID:** SED22 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	6.66	0.998		mg/Kg-dry	3/05/10 16:42	
Barium	649	0.998		mg/Kg-dry	3/05/10 16:42	
Selenium	< 2.00	2.00		mg/Kg-dry	3/05/10 16:42	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,980	80.7		mg/Kg-dry	3/05/10 9:50	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>MB</b>
Electrical Conductivity	10.0	0.100		mmhos/cm	3/04/10 13:33	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	11.2	0.1		%	3/08/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.300	0.100		mg/Kg-dry	3/04/10 20:35	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	64.0	0.0100		wt%	3/01/10 12:45	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	10.3	0.100		meq	3/04/10 0:00	
Soluble Calcium	16.1	1.00		meq	3/04/10 0:00	
Soluble Magnesium	36.0	1.00		meq	3/04/10 0:00	
Soluble Sodium	52.6	1.00		meq	3/04/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	122	100		mg/Kg	3/05/10 17:26	
TPH (Oil Range)	106	105		mg/Kg	3/05/10 17:26	
Surr: 4-Terphenyl-d14	94.7	55.1-140		%REC	3/05/10 17:26	

<b>Qualifiers:</b>		
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S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services

**Date Received:** 3/08/10 11:36

**Lab Order:** L10030383

**Date Reported:** 3/13/10 9:17

**Project:** East White Lake 9077-041-0800

**Lab ID:** L10030383-01 **Collection Date:** 3/05/10 17:10

**Sample ID:** MW-1

**Matrix:** AQUEOUS

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>BTEX IN WATER BY GC</b>						<b>CR</b>
Benzene	0.030	0.005		mg/L	3/09/10 14:04	
Ethylbenzene	< 0.00500	0.005		mg/L	3/09/10 14:04	
Toluene	< 0.0100	0.010		mg/L	3/09/10 14:04	
Xylenes, Total	< 0.0500	0.050		mg/L	3/09/10 14:04	
Surr: alpha, alpha, alpha-Trifluorotoluene	91.2	70-130		%REC	3/09/10 14:04	
<b>TPH (GASOLINE RANGE)</b>						<b>CR</b>
TPH (Gasoline Range)	< 0.150	0.150		mg/L	3/09/10 14:04	
Surr: alpha, alpha, alpha-Trifluorotoluene	108	70-130		%REC	3/09/10 14:04	
<b>TPH BY GC/FID</b>						<b>CR</b>
TPH (Diesel Range)	< 0.133	0.133		mg/L	3/12/10 21:09	
TPH (Oil Range)	< 0.122	0.122		mg/L	3/12/10 21:09	
Surr: 4-Terphenyl-d14	90.1	46.8-133		%REC	3/12/10 21:09	
<b>CHLORIDES</b>						<b>SP</b>
Chlorides	9,580	1,000		mg/L	3/10/10 10:47	
<b>TOTAL DISSOLVED SOLIDS</b>						<b>GS</b>
Total Dissolved Solids (Residue, Filterable)	18,400	500		mg/L	3/08/10 13:30	
<b>METALS IN WATER BY ICP, TOTALS</b>						<b>STS</b>
Arsenic	< 0.0100	0.010		mg/L	3/10/10 13:01	
Barium	15.4	1.00		mg/L	3/10/10 13:05	
Cadmium	< 0.00500	0.005		mg/L	3/10/10 13:01	
Chromium	< 0.0100	0.010		mg/L	3/10/10 13:01	
Lead	< 0.0100	0.010		mg/L	3/10/10 13:01	
Selenium	0.077	0.020		mg/L	3/10/10 13:01	
Strontium	14.4	1.00		mg/L	3/10/10 13:05	
Zinc	0.039	0.010		mg/L	3/10/10 13:01	
<b>MERCURY IN GROUND WATER, TOTAL</b>						<b>MB</b>
Mercury	< 0.000200	0.0002		mg/L	3/09/10 19:57	

**Qualifiers:**

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J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services

**Date Received:** 3/08/10 11:36

**Lab Order:** L10030383

**Date Reported:** 3/13/10 9:17

**Project:** East White Lake 9077-041-0800

**Lab ID:** L10030383-02 **Collection Date:** 3/05/10 18:10

**Sample ID:** MW-2R

**Matrix:** AQUEOUS

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>BTEX IN WATER BY GC</b>						<b>CR</b>
Benzene	< 0.00500	0.005		mg/L	3/09/10 14:28	
Ethylbenzene	< 0.00500	0.005		mg/L	3/09/10 14:28	
Toluene	< 0.0100	0.010		mg/L	3/09/10 14:28	
Xylenes, Total	< 0.0500	0.050		mg/L	3/09/10 14:28	
Surr: alpha, alpha, alpha-Trifluorotoluene	91.6	70-130		%REC	3/09/10 14:28	
<b>TPH (GASOLINE RANGE)</b>						<b>CR</b>
TPH (Gasoline Range)	< 0.150	0.150		mg/L	3/09/10 14:28	
Surr: alpha, alpha, alpha-Trifluorotoluene	110	70-130		%REC	3/09/10 14:28	
<b>TPH BY GC/FID</b>						<b>CR</b>
TPH (Diesel Range)	< 0.133	0.133		mg/L	3/12/10 21:30	
TPH (Oil Range)	< 0.122	0.122		mg/L	3/12/10 21:30	
Surr: 4-Terphenyl-d14	100	46.8-133		%REC	3/12/10 21:30	
<b>CHLORIDES</b>						<b>SP</b>
Chlorides	852	40.0		mg/L	3/10/10 10:47	
<b>TOTAL DISSOLVED SOLIDS</b>						<b>GS</b>
Total Dissolved Solids (Residue, Filterable)	1,860	100		mg/L	3/08/10 13:30	
<b>METALS IN WATER BY ICP, TOTALS</b>						<b>STS</b>
Arsenic	0.022	0.010		mg/L	3/10/10 13:08	
Barium	0.943	0.010		mg/L	3/10/10 13:08	
Cadmium	< 0.00500	0.005		mg/L	3/10/10 13:08	
Chromium	< 0.0100	0.010		mg/L	3/10/10 13:08	
Lead	< 0.0100	0.010		mg/L	3/10/10 13:08	
Selenium	0.030	0.020		mg/L	3/10/10 13:08	
Strontium	0.877	0.010		mg/L	3/10/10 13:08	
Zinc	0.015	0.010		mg/L	3/10/10 13:08	
<b>MERCURY IN GROUND WATER, TOTAL</b>						<b>MB</b>
Mercury	< 0.000200	0.0002		mg/L	3/09/10 19:57	

**Qualifiers:**

B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services

**Date Received:** 3/08/10 11:36

**Lab Order:** L10030383

**Date Reported:** 3/13/10 9:17

**Project:** East White Lake 9077-041-0800

**Lab ID:** L10030383-03    **Collection Date:** 3/05/10 16:30

**Sample ID:** MW-3R

**Matrix:** AQUEOUS

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>BTEX IN WATER BY GC</b>						<b>CR</b>
Benzene	< 0.00500	0.005		mg/L	3/09/10 14:53	
Ethylbenzene	< 0.00500	0.005		mg/L	3/09/10 14:53	
Toluene	< 0.0100	0.010		mg/L	3/09/10 14:53	
Xylenes, Total	< 0.0500	0.050		mg/L	3/09/10 14:53	
Surr: alpha, alpha, alpha-Trifluorotoluene	93.4	70-130		%REC	3/09/10 14:53	
<b>TPH (GASOLINE RANGE)</b>						<b>CR</b>
TPH (Gasoline Range)	< 0.150	0.150		mg/L	3/09/10 14:53	
Surr: alpha, alpha, alpha-Trifluorotoluene	110	70-130		%REC	3/09/10 14:53	
<b>TPH BY GC/FID</b>						<b>CR</b>
TPH (Diesel Range)	< 0.133	0.133		mg/L	3/12/10 21:52	
TPH (Oil Range)	< 0.122	0.122		mg/L	3/12/10 21:52	
Surr: 4-Terphenyl-d14	91.8	46.8-133		%REC	3/12/10 21:52	
<b>CHLORIDES</b>						<b>SP</b>
Chlorides	10,700	1,000		mg/L	3/10/10 10:47	
<b>TOTAL DISSOLVED SOLIDS</b>						<b>GS</b>
Total Dissolved Solids (Residue, Filterable)	16,300	500		mg/L	3/08/10 13:30	
<b>METALS IN WATER BY ICP, TOTALS</b>						<b>STS</b>
Arsenic	< 0.0100	0.010		mg/L	3/10/10 13:11	
Barium	8.96	1.00		mg/L	3/10/10 13:14	
Cadmium	< 0.00500	0.005		mg/L	3/10/10 13:11	
Chromium	< 0.0100	0.010		mg/L	3/10/10 13:11	
Lead	< 0.0100	0.010		mg/L	3/10/10 13:11	
Selenium	0.071	0.020		mg/L	3/10/10 13:11	
Strontium	9.54	1.00		mg/L	3/10/10 13:14	
Zinc	0.016	0.010		mg/L	3/10/10 13:11	
<b>MERCURY IN GROUND WATER, TOTAL</b>						<b>MB</b>
Mercury	< 0.000200	0.0002		mg/L	3/09/10 19:57	

**Qualifiers:**

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J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
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**CLIENT:** ICON Environmental Services

**Date Received:** 3/08/10 11:36

**Lab Order:** L10030383

**Date Reported:** 3/13/10 9:17

**Project:** East White Lake 9077-041-0800

**Lab ID:** L10030383-04 **Collection Date:** 3/05/10 0:00

**Sample ID:** BD-01

**Matrix:** AQUEOUS

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>BTEX IN WATER BY GC</b>						<b>CR</b>
Benzene	0.029	0.005		mg/L	3/09/10 15:17	
Ethylbenzene	< 0.00500	0.005		mg/L	3/09/10 15:17	
Toluene	< 0.0100	0.010		mg/L	3/09/10 15:17	
Xylenes, Total	< 0.0500	0.050		mg/L	3/09/10 15:17	
Surr: alpha, alpha, alpha-Trifluorotoluene	95.8	70-130		%REC	3/09/10 15:17	
<b>TPH (GASOLINE RANGE)</b>						<b>CR</b>
TPH (Gasoline Range)	< 0.150	0.150		mg/L	3/09/10 15:17	
Surr: alpha, alpha, alpha-Trifluorotoluene	103	70-130		%REC	3/09/10 15:17	
<b>TPH BY GC/FID</b>						<b>CR</b>
TPH (Diesel Range)	< 0.133	0.133		mg/L	3/12/10 22:13	
TPH (Oil Range)	< 0.122	0.122		mg/L	3/12/10 22:13	
Surr: 4-Terphenyl-d14	81.9	46.8-133		%REC	3/12/10 22:13	
<b>CHLORIDES</b>						<b>SP</b>
Chlorides	9,580	500		mg/L	3/10/10 10:47	
<b>TOTAL DISSOLVED SOLIDS</b>						<b>GS</b>
Total Dissolved Solids (Residue, Filterable)	18,100	500		mg/L	3/08/10 13:30	
<b>METALS IN WATER BY ICP, TOTALS</b>						<b>STS</b>
Arsenic	< 0.0100	0.010		mg/L	3/10/10 13:17	
Barium	15.4	1.00		mg/L	3/10/10 13:20	
Cadmium	< 0.00500	0.005		mg/L	3/10/10 13:17	
Chromium	< 0.0100	0.010		mg/L	3/10/10 13:17	
Lead	< 0.0100	0.010		mg/L	3/10/10 13:17	
Selenium	0.070	0.020		mg/L	3/10/10 13:17	
Strontium	14.4	1.00		mg/L	3/10/10 13:20	
Zinc	0.014	0.010		mg/L	3/10/10 13:17	
<b>MERCURY IN GROUND WATER, TOTAL</b>						<b>MB</b>
Mercury	< 0.000200	0.0002		mg/L	3/09/10 19:57	

**Qualifiers:**

B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
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**CLIENT:** ICON Environmental Services

**Date Received:** 3/08/10 11:36

**Lab Order:** L10030383

**Date Reported:** 3/13/10 9:17

**Project:** East White Lake 9077-041-0800

**Lab ID:** L10030383-05 **Collection Date:** 3/05/10 0:00

**Sample ID:** Trip Blank

**Matrix:** AQUEOUS

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>BTEX IN WATER BY GC</b>	<b>SW8021B</b>					<b>CR</b>
Benzene	< 0.00500	0.005		mg/L	3/09/10 6:19	
Ethylbenzene	< 0.00500	0.005		mg/L	3/09/10 6:19	
Toluene	< 0.0100	0.010		mg/L	3/09/10 6:19	
Xylenes, Total	< 0.0500	0.050		mg/L	3/09/10 6:19	
Surr: alpha, alpha, alpha-Trifluorotoluene	89.6	70-130		%REC	3/09/10 6:19	
<b>TPH (GASOLINE RANGE)</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Gasoline Range)	< 0.150	0.150		mg/L	3/09/10 6:19	
Surr: alpha, alpha, alpha-Trifluorotoluene	112	70-130		%REC	3/09/10 6:19	

**Qualifiers:**

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J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-01 **Collection Date:** 3/02/10 9:45  
**Matrix:** SLUDGE

**Sample ID:** SED 31 (4-6)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	4.38	0.998		mg/Kg-dry	3/10/10 14:31	
Barium	168	0.998		mg/Kg-dry	3/10/10 14:31	
Selenium	< 2.00	2.00		mg/Kg-dry	3/10/10 14:31	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	8,170	822		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	26.4	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	18.3	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 17:48	
<b>LEACHATE CHLORIDES</b>	<b>SW9253</b>					<b>SP</b>
Chlorides	2,310	100		mg/L	3/13/10 11:05	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	68.1	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	25.4	0.100		meq	3/09/10 0:00	
Soluble Calcium	28.9	1.00		meq	3/09/10 0:00	
Soluble Magnesium	73.5	1.00		meq	3/09/10 0:00	
Soluble Sodium	182	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	215	100		mg/Kg	3/08/10 13:42	
TPH (Oil Range)	125	120		mg/Kg	3/08/10 13:42	
Surr: 4-Terphenyl-d14	88.7	55.1-140		%REC	3/08/10 13:42	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-02 **Collection Date:** 3/02/10 10:10  
**Matrix:** SLUDGE

**Sample ID:** SED 32 (4-6)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	6.79	0.995		mg/Kg-dry	3/10/10 14:34	
Barium	198	0.995		mg/Kg-dry	3/10/10 14:34	
Selenium	< 1.99	1.99		mg/Kg-dry	3/10/10 14:34	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	5,020	184		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	15.8	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	10.3	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 17:48	
<b>LEACHATE CHLORIDES</b>	<b>SW9253</b>					<b>SP</b>
Chlorides	621	50.0		mg/L	3/13/10 11:05	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	80.9	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	15.6	0.100		meq	3/09/10 0:00	
Soluble Calcium	20.4	1.00		meq	3/09/10 0:00	
Soluble Magnesium	53.3	1.00		meq	3/09/10 0:00	
Soluble Sodium	94.7	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	90.8	90.0		mg/Kg	3/08/10 13:59	
TPH (Oil Range)	73.5	70.0		mg/Kg	3/08/10 13:59	
Surr: 4-Terphenyl-d14	82.1	55.1-140		%REC	3/08/10 13:59	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-03 **Collection Date:** 3/02/10 10:25  
**Matrix:** SLUDGE

**Sample ID:** SED 33 (4-6)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	3.92	0.993		mg/Kg-dry	3/10/10 14:38	
Barium	154	0.993		mg/Kg-dry	3/10/10 14:38	
Selenium	< 1.99	1.99		mg/Kg-dry	3/10/10 14:38	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	7,470	809		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	25.0	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	19.9	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 17:48	
<b>LEACHATE CHLORIDES</b>	<b>SW9253</b>					<b>SP</b>
Chlorides	2,340	200		mg/L	3/13/10 11:05	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	73.3	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	21.8	0.100		meq	3/09/10 0:00	
Soluble Calcium	32.8	1.00		meq	3/09/10 0:00	
Soluble Magnesium	79.1	1.00		meq	3/09/10 0:00	
Soluble Sodium	163	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	53.6	50.0		mg/Kg	3/08/10 14:17	
TPH (Oil Range)	85.9	85.0		mg/Kg	3/08/10 14:17	
Surr: 4-Terphenyl-d14	91.8	55.1-140		%REC	3/08/10 14:17	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-04 **Collection Date:** 3/02/10 11:00  
**Matrix:** SLUDGE

**Sample ID:** SED 25 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	5.95	0.995		mg/Kg-dry	3/10/10 14:41	
Barium	1,070	0.995		mg/Kg-dry	3/10/10 14:41	
Selenium	< 1.99	1.99		mg/Kg-dry	3/10/10 14:41	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	2,830	347		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	12.6	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	13.4	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 17:48	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	66.6	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	16.2	0.100		meq	3/09/10 0:00	
Soluble Calcium	18.0	1.00		meq	3/09/10 0:00	
Soluble Magnesium	30.5	1.00		meq	3/09/10 0:00	
Soluble Sodium	79.9	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	996	400		mg/Kg	3/07/10 16:17	
TPH (Oil Range)	527	520		mg/Kg	3/07/10 16:17	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 16:17	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-05 **Collection Date:** 3/02/10 11:10  
**Matrix:** SLUDGE

**Sample ID:** SED 25 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	4.66	0.998		mg/Kg-dry	3/10/10 14:45	
Barium	1,300	0.998		mg/Kg-dry	3/10/10 14:45	
Selenium	< 2.00	2.00		mg/Kg-dry	3/10/10 14:45	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	3,020	354		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	13.2	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	18.7	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.104	0.100		mg/Kg-dry	3/11/10 17:48	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	69.9	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	17.6	0.100		meq	3/09/10 0:00	
Soluble Calcium	18.4	1.00		meq	3/09/10 0:00	
Soluble Magnesium	31.1	1.00		meq	3/09/10 0:00	
Soluble Sodium	87.4	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	348	340		mg/Kg	3/07/10 16:34	
TPH (Oil Range)	280	280		mg/Kg	3/07/10 16:34	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 16:34	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-06 **Collection Date:** 3/02/10 11:25  
**Matrix:** SLUDGE

**Sample ID:** SED 24 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	4.97	0.992		mg/Kg-dry	3/10/10 14:48	
Barium	706	0.992		mg/Kg-dry	3/10/10 14:48	
Selenium	< 1.98	1.98		mg/Kg-dry	3/10/10 14:48	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,970	179		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	7.14	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	8.2	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 17:48	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	58.2	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	12.3	0.100		meq	3/09/10 0:00	
Soluble Calcium	7.55	1.00		meq	3/09/10 0:00	
Soluble Magnesium	14.9	1.00		meq	3/09/10 0:00	
Soluble Sodium	41.3	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	297	280		mg/Kg	3/07/10 16:52	
TPH (Oil Range)	294	280		mg/Kg	3/07/10 16:52	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 16:52	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit



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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-07 **Collection Date:** 3/02/10 11:30  
**Matrix:** SLUDGE

**Sample ID:** SED 24 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	3.53	0.996		mg/Kg-dry	3/10/10 14:51	
Barium	302	0.996		mg/Kg-dry	3/10/10 14:51	
Selenium	< 1.99	1.99		mg/Kg-dry	3/10/10 14:51	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,340	146		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	7.30	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	8.1	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 17:48	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	62.0	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	9.18	0.100		meq	3/09/10 0:00	
Soluble Calcium	11.9	1.00		meq	3/09/10 0:00	
Soluble Magnesium	26.2	1.00		meq	3/09/10 0:00	
Soluble Sodium	40.0	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	101	100		mg/Kg	3/08/10 14:35	
TPH (Oil Range)	101	100		mg/Kg	3/08/10 14:35	
Surr: 4-Terphenyl-d14	85.5	55.1-140		%REC	3/08/10 14:35	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-08 **Collection Date:** 3/02/10 11:50  
**Matrix:** SLUDGE

**Sample ID:** SED 23 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	6.73	0.992		mg/Kg-dry	3/10/10 14:55	
Barium	888	0.992		mg/Kg-dry	3/10/10 14:55	
Selenium	< 1.98	1.98		mg/Kg-dry	3/10/10 14:55	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	2,390	164		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	10.5	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	11.0	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 17:48	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	67.9	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	14.2	0.100		meq	3/09/10 0:00	
Soluble Calcium	14.1	1.00		meq	3/09/10 0:00	
Soluble Magnesium	27.0	1.00		meq	3/09/10 0:00	
Soluble Sodium	64.2	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	1,670	400		mg/Kg	3/07/10 17:28	
TPH (Oil Range)	907	900		mg/Kg	3/07/10 17:28	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 17:28	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-09 **Collection Date:** 3/02/10 12:00  
**Matrix:** SLUDGE

**Sample ID:** SED 23 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	5.67	0.994		mg/Kg-dry	3/10/10 14:58	
Barium	951	0.994		mg/Kg-dry	3/10/10 14:58	
Selenium	< 1.99	1.99		mg/Kg-dry	3/10/10 14:58	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,390	145		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	9.67	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	7.7	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 17:48	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	69.5	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	8.66	0.100		meq	3/09/10 0:00	
Soluble Calcium	21.0	1.00		meq	3/09/10 0:00	
Soluble Magnesium	35.8	1.00		meq	3/09/10 0:00	
Soluble Sodium	46.2	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	2,120	400		mg/Kg	3/07/10 17:45	
TPH (Oil Range)	1,200	1,000		mg/Kg	3/07/10 17:45	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 17:45	

**Qualifiers:**  
 B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-10 **Collection Date:** 3/02/10 12:45  
**Matrix:** SLUDGE

**Sample ID:** SED 27 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	4.95	0.991		mg/Kg-dry	3/10/10 15:02	
Barium	548	0.991		mg/Kg-dry	3/10/10 15:02	
Selenium	< 1.98	1.98		mg/Kg-dry	3/10/10 15:02	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	2,910	316		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	18.4	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	11.1	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 17:48	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	72.9	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	15.1	0.100		meq	3/09/10 0:00	
Soluble Calcium	28.1	1.00		meq	3/09/10 0:00	
Soluble Magnesium	85.3	1.00		meq	3/09/10 0:00	
Soluble Sodium	114	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	179	160		mg/Kg	3/07/10 20:07	
TPH (Oil Range)	175	160		mg/Kg	3/07/10 20:07	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 20:07	

**Qualifiers:**

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J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-11 **Collection Date:** 3/02/10 12:55  
**Matrix:** SLUDGE

**Sample ID:** SED 27 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	4.97	0.994		mg/Kg-dry	3/10/10 15:12	
Barium	855	0.994		mg/Kg-dry	3/10/10 15:12	
Selenium	< 1.99	1.99		mg/Kg-dry	3/10/10 15:12	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	2,800	161		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	11.0	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	11.8	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.125	0.100		mg/Kg-dry	3/11/10 17:48	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	68.2	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	13.9	0.100		meq	3/09/10 0:00	
Soluble Calcium	14.6	1.00		meq	3/09/10 0:00	
Soluble Magnesium	32.9	1.00		meq	3/09/10 0:00	
Soluble Sodium	67.9	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	623	400		mg/Kg	3/07/10 20:24	
TPH (Oil Range)	451	440		mg/Kg	3/07/10 20:24	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 20:24	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-12 **Collection Date:** 3/02/10 13:25  
**Matrix:** SLUDGE

**Sample ID:** SED 26 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	4.77	0.995		mg/Kg-dry	3/10/10 15:15	
Barium	791	0.995		mg/Kg-dry	3/10/10 15:15	
Selenium	< 1.99	1.99		mg/Kg-dry	3/10/10 15:15	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	1,680	140		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	9.12	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	11.3	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.454	0.100		mg/Kg-dry	3/11/10 17:48	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	61.6	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	14.3	0.100		meq	3/09/10 0:00	
Soluble Calcium	21.6	1.00		meq	3/09/10 0:00	
Soluble Magnesium	16.5	1.00		meq	3/09/10 0:00	
Soluble Sodium	62.3	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	10,900	2,000		mg/Kg	3/08/10 15:11	
TPH (Oil Range)	4,770	4,700		mg/Kg	3/08/10 15:11	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/08/10 15:11	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-13 **Collection Date:** 3/02/10 13:35  
**Matrix:** SLUDGE

**Sample ID:** SED 26 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>	<b>29B/SW6010B</b>					<b>STS</b>
Arsenic	6.51	0.994		mg/Kg-dry	3/10/10 15:18	
Barium	810	0.994		mg/Kg-dry	3/10/10 15:18	
Selenium	< 1.99	1.99		mg/Kg-dry	3/10/10 15:18	
<b>SOLUBLE CHLORIDE</b>	<b>29B/SW9253</b>					<b>SP</b>
Chlorides	2,660	187		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b>	<b>29B/E120.1</b>					<b>AG</b>
Electrical Conductivity	10.6	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b>	<b>29B/E273.1</b>					<b>MB</b>
Exchangeable Sodium %	18.2	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b>	<b>29B/SW7471A</b>					<b>MB</b>
Mercury	0.393	0.100		mg/Kg-dry	3/11/10 19:38	
<b>PERCENT MOISTURE</b>	<b>SW9071B</b>					<b>AG</b>
Percent Moisture	83.0	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b>	<b>29B/SW6010B</b>					<b>STS</b>
Sodium Adsorption Ratio	20.0	0.100		meq	3/09/10 0:00	
Soluble Calcium	16.4	1.00		meq	3/09/10 0:00	
Soluble Magnesium	10.2	1.00		meq	3/09/10 0:00	
Soluble Sodium	73.1	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b>	<b>SW8015B</b>					<b>CR</b>
TPH (Diesel Range)	2,940	400		mg/Kg	3/07/10 21:00	
TPH (Oil Range)	1,330	1,000		mg/Kg	3/07/10 21:00	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 21:00	

<b>Qualifiers:</b>		
B - Analyte detected in the associated Method Blank	E - Estimated value	R - RPD outside accepted recovery limits
J - Analyte detected below quantitation limits	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
S - Spike Recovery outside accepted recovery limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-14 **Collection Date:** 3/02/10 14:15  
**Matrix:** SLUDGE

**Sample ID:** SED 28 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Arsenic	5.04	0.995		mg/Kg-dry	3/10/10 15:21	<b>STS</b>
Barium	495	0.995		mg/Kg-dry	3/10/10 15:21	
Cadmium	< 0.498	0.498		mg/Kg-dry	3/10/10 15:21	
Chromium	17.5	0.995		mg/Kg-dry	3/10/10 15:21	
Lead	17.9	0.995		mg/Kg-dry	3/10/10 15:21	
Selenium	< 1.99	1.99		mg/Kg-dry	3/10/10 15:21	
Strontium	237	9.95		mg/Kg-dry	3/10/10 15:40	
<b>SOLUBLE CHLORIDE</b> <span style="float:right"><b>29B/SW9253</b></span>						
Chlorides	5,280	451		mg/Kg-dry	3/11/10 9:45	<b>SP</b>
<b>ELECTRICAL CONDUCTIVITY @ SPE</b> <span style="float:right"><b>29B/E120.1</b></span>						
Electrical Conductivity	15.6	0.100		mmhos/cm	3/11/10 17:30	<b>AG</b>
<b>EXCHANGEABLE SODIUM PERCENTAGE</b> <span style="float:right"><b>29B/E273.1</b></span>						
Exchangeable Sodium %	20.7	0.1		%	3/12/10 0:00	<b>MB</b>
<b>MERCURY IN SOIL OR SLUDGE</b> <span style="float:right"><b>29B/SW7471A</b></span>						
Mercury	1.21	0.100		mg/Kg-dry	3/11/10 19:38	<b>MB</b>
<b>PERCENT MOISTURE</b> <span style="float:right"><b>SW9071B</b></span>						
Percent Moisture	76.7	0.0100		wt%	3/04/10 10:40	<b>AG</b>
<b>SODIUM ADSORPTION RATIO</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Sodium Adsorption Ratio	23.6	0.100		meq	3/09/10 0:00	<b>STS</b>
Soluble Calcium	16.7	1.00		meq	3/09/10 0:00	
Soluble Magnesium	27.1	1.00		meq	3/09/10 0:00	
Soluble Sodium	111	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b> <span style="float:right"><b>SW8015B</b></span>						
TPH (Diesel Range)	8,420	2,000		mg/Kg	3/08/10 15:28	<b>CR</b>
TPH (Oil Range)	3,360	3,300		mg/Kg	3/08/10 15:28	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/08/10 15:28	

<b>Qualifiers:</b>	E - Estimated value	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	+DO - Diluted out due to dilution	PQL - Practical Quantitation Limit
J - Analyte detected below quantitation limits	MI+ - Matrix Interference	* - Value exceeds MCL or Permit Limitation
S - Spike Recovery outside accepted recovery limits	H - Exceeds Holding Time	< - Not Detected at the Reporting Limit



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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-15 **Collection Date:** 3/02/10 14:20  
**Matrix:** SLUDGE

**Sample ID:** SED 28 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b> <b>29B/SW6010B</b> <b>STS</b>						
Arsenic	6.23	0.991		mg/Kg-dry	3/10/10 15:24	
Barium	332	0.991		mg/Kg-dry	3/10/10 15:24	
Cadmium	< 0.496	0.496		mg/Kg-dry	3/10/10 15:24	
Chromium	9.39	0.991		mg/Kg-dry	3/10/10 15:24	
Lead	8.36	0.991		mg/Kg-dry	3/10/10 15:24	
Selenium	< 1.98	1.98		mg/Kg-dry	3/10/10 15:24	
Strontium	366	9.91		mg/Kg-dry	3/10/10 15:50	
<b>SOLUBLE CHLORIDE</b> <b>29B/SW9253</b> <b>SP</b>						
Chlorides	7,730	558		mg/Kg-dry	3/11/10 9:45	
<b>ELECTRICAL CONDUCTIVITY @ SPE</b> <b>29B/E120.1</b> <b>AG</b>						
Electrical Conductivity	20.7	0.100		mmhos/cm	3/11/10 17:30	
<b>EXCHANGEABLE SODIUM PERCENTAGE</b> <b>29B/E273.1</b> <b>MB</b>						
Exchangeable Sodium %	27.0	0.1		%	3/12/10 0:00	
<b>MERCURY IN SOIL OR SLUDGE</b> <b>29B/SW7471A</b> <b>MB</b>						
Mercury	0.228	0.100		mg/Kg-dry	3/11/10 19:38	
<b>PERCENT MOISTURE</b> <b>SW9071B</b> <b>AG</b>						
Percent Moisture	84.3	0.0100		wt%	3/04/10 10:40	
<b>SODIUM ADSORPTION RATIO</b> <b>29B/SW6010B</b> <b>STS</b>						
Sodium Adsorption Ratio	26.3	0.100		meq	3/09/10 0:00	
Soluble Calcium	27.6	1.00		meq	3/09/10 0:00	
Soluble Magnesium	37.1	1.00		meq	3/09/10 0:00	
Soluble Sodium	150	1.00		meq	3/09/10 0:00	
<b>TPH BY GC/FID</b> <b>SW8015B</b> <b>CR</b>						
TPH (Diesel Range)	514	400		mg/Kg	3/07/10 21:35	
TPH (Oil Range)	351	340		mg/Kg	3/07/10 21:35	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 21:35	

**Qualifiers:**  
 B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
 \* - Value exceeds MCL or Permit Limitation  
 < - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-16 **Collection Date:** 3/02/10 15:10  
**Matrix:** SLUDGE

**Sample ID:** SED 29 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Arsenic	4.47	0.992		mg/Kg-dry	3/10/10 15:27	<b>STS</b>
Barium	539	0.992		mg/Kg-dry	3/10/10 15:27	
Cadmium	< 0.496	0.496		mg/Kg-dry	3/10/10 15:27	
Chromium	16.9	0.992		mg/Kg-dry	3/10/10 15:27	
Lead	16.3	0.992		mg/Kg-dry	3/10/10 15:27	
Selenium	< 1.98	1.98		mg/Kg-dry	3/10/10 15:27	
Strontium	223	9.92		mg/Kg-dry	3/10/10 15:53	
<b>SOLUBLE CHLORIDE</b> <span style="float:right"><b>29B/SW9253</b></span>						
Chlorides	8,310	633		mg/Kg-dry	3/11/10 9:45	<b>SP</b>
<b>ELECTRICAL CONDUCTIVITY @ SPE</b> <span style="float:right"><b>29B/E120.1</b></span>						
Electrical Conductivity	19.6	0.100		mmhos/cm	3/11/10 17:30	<b>AG</b>
<b>EXCHANGEABLE SODIUM PERCENTAGE</b> <span style="float:right"><b>29B/E273.1</b></span>						
Exchangeable Sodium %	32.7	0.1		%	3/12/10 0:00	<b>MB</b>
<b>MERCURY IN SOIL OR SLUDGE</b> <span style="float:right"><b>29B/SW7471A</b></span>						
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 19:38	<b>MB</b>
<b>PERCENT MOISTURE</b> <span style="float:right"><b>SW9071B</b></span>						
Percent Moisture	83.4	0.0100		wt%	3/04/10 11:20	<b>AG</b>
<b>SODIUM ADSORPTION RATIO</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Sodium Adsorption Ratio	27.7	0.100		meq	3/10/10 0:00	<b>STS</b>
Soluble Calcium	18.0	1.00		meq	3/10/10 0:00	
Soluble Magnesium	37.1	1.00		meq	3/10/10 0:00	
Soluble Sodium	146	1.00		meq	3/10/10 0:00	
<b>TPH BY GC/FID</b> <span style="float:right"><b>SW8015B</b></span>						
TPH (Diesel Range)	1,520	400		mg/Kg	3/07/10 21:53	<b>CR</b>
TPH (Oil Range)	1,290	1,000		mg/Kg	3/07/10 21:53	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 21:53	

**Qualifiers:**  
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 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
 \* - Value exceeds MCL or Permit Limitation  
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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-17 **Collection Date:** 3/02/10 15:15  
**Matrix:** SLUDGE

**Sample ID:** SED 29 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Arsenic	6.86	0.992		mg/Kg-dry	3/10/10 15:30	<b>STS</b>
Barium	486	0.992		mg/Kg-dry	3/10/10 15:30	
Cadmium	< 0.496	0.496		mg/Kg-dry	3/10/10 15:30	
Chromium	19.3	0.992		mg/Kg-dry	3/10/10 15:30	
Lead	11.4	0.992		mg/Kg-dry	3/10/10 15:30	
Selenium	< 1.98	1.98		mg/Kg-dry	3/10/10 15:30	
Strontium	382	9.92		mg/Kg-dry	3/10/10 15:56	
<b>SOLUBLE CHLORIDE</b> <span style="float:right"><b>29B/SW9253</b></span>						
Chlorides	9,310	596		mg/Kg-dry	3/11/10 9:45	<b>SP</b>
<b>ELECTRICAL CONDUCTIVITY @ SPE</b> <span style="float:right"><b>29B/E120.1</b></span>						
Electrical Conductivity	21.5	0.100		mmhos/cm	3/11/10 17:30	<b>AG</b>
<b>EXCHANGEABLE SODIUM PERCENTAGE</b> <span style="float:right"><b>29B/E273.1</b></span>						
Exchangeable Sodium %	19.2	0.1		%	3/12/10 0:00	<b>MB</b>
<b>MERCURY IN SOIL OR SLUDGE</b> <span style="float:right"><b>29B/SW7471A</b></span>						
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 19:38	<b>MB</b>
<b>PERCENT MOISTURE</b> <span style="float:right"><b>SW9071B</b></span>						
Percent Moisture	82.7	0.0100		wt%	3/04/10 11:20	<b>AG</b>
<b>SODIUM ADSORPTION RATIO</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Sodium Adsorption Ratio	30.5	0.100		meq	3/10/10 0:00	<b>STS</b>
Soluble Calcium	24.9	1.00		meq	3/10/10 0:00	
Soluble Magnesium	30.2	1.00		meq	3/10/10 0:00	
Soluble Sodium	160	1.00		meq	3/10/10 0:00	
<b>TPH BY GC/FID</b> <span style="float:right"><b>SW8015B</b></span>						
TPH (Diesel Range)	148	100		mg/Kg	3/08/10 14:53	<b>CR</b>
TPH (Oil Range)	149	145		mg/Kg	3/08/10 14:53	
Surr: 4-Terphenyl-d14	75.5	55.1-140		%REC	3/08/10 14:53	

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 J - Analyte detected below quantitation limits  
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 PQL - Practical Quantitation Limit  
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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-18 **Collection Date:** 3/02/10 14:55  
**Matrix:** SLUDGE

**Sample ID:** SED 30 (0-2)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>PQL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Arsenic	4.97	0.991		mg/Kg-dry	3/10/10 15:33	<b>STS</b>
Barium	493	0.991		mg/Kg-dry	3/10/10 15:33	
Cadmium	< 0.496	0.496		mg/Kg-dry	3/10/10 15:33	
Chromium	17.0	0.991		mg/Kg-dry	3/10/10 15:33	
Lead	16.6	0.991		mg/Kg-dry	3/10/10 15:33	
Selenium	< 1.98	1.98		mg/Kg-dry	3/10/10 15:33	
Strontium	220	9.91		mg/Kg-dry	3/10/10 15:59	
<b>SOLUBLE CHLORIDE</b> <span style="float:right"><b>29B/SW9253</b></span>						
Chlorides	7,900	494		mg/Kg-dry	3/11/10 9:45	<b>SP</b>
<b>ELECTRICAL CONDUCTIVITY @ SPE</b> <span style="float:right"><b>29B/E120.1</b></span>						
Electrical Conductivity	23.6	0.100		mmhos/cm	3/11/10 17:30	<b>AG</b>
<b>EXCHANGEABLE SODIUM PERCENTAGE</b> <span style="float:right"><b>29B/E273.1</b></span>						
Exchangeable Sodium %	24.6	0.1		%	3/12/10 0:00	<b>MB</b>
<b>MERCURY IN SOIL OR SLUDGE</b> <span style="float:right"><b>29B/SW7471A</b></span>						
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 19:38	<b>MB</b>
<b>PERCENT MOISTURE</b> <span style="float:right"><b>SW9071B</b></span>						
Percent Moisture	81.1	0.0100		wt%	3/04/10 11:20	<b>AG</b>
<b>SODIUM ADSORPTION RATIO</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Sodium Adsorption Ratio	26.9	0.100		meq	3/10/10 0:00	<b>STS</b>
Soluble Calcium	29.4	1.00		meq	3/10/10 0:00	
Soluble Magnesium	57.0	1.00		meq	3/10/10 0:00	
Soluble Sodium	176	1.00		meq	3/10/10 0:00	
<b>TPH BY GC/FID</b> <span style="float:right"><b>SW8015B</b></span>						
TPH (Diesel Range)	7,770	2,000		mg/Kg	3/08/10 15:46	<b>CR</b>
TPH (Oil Range)	4,180	4,100		mg/Kg	3/08/10 15:46	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/08/10 15:46	

**Qualifiers:**  
 B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time  
 R - RPD outside accepted recovery limits  
 PQL - Practical Quantitation Limit  
 \* - Value exceeds MCL or Permit Limitation  
 < - Not Detected at the Reporting Limit

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**CLIENT:** ICON Environmental Services  
**Lab Order:** L10030188  
**Project:** VPSB-White Lake 9077-041-0800

**Date Received:** 3/03/10 15:00  
**Date Reported:** 3/13/10 12:35

**Lab ID:** L10030188-19 **Collection Date:** 3/02/10 15:00  
**Matrix:** SLUDGE

**Sample ID:** SED 30 (2-4)  
**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>POL</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Arsenic	5.75	0.994		mg/Kg-dry	3/10/10 16:20	<b>STS</b>
Barium	457	0.994		mg/Kg-dry	3/10/10 16:20	
Cadmium	< 0.497	0.497		mg/Kg-dry	3/10/10 16:20	
Chromium	12.2	0.994		mg/Kg-dry	3/10/10 16:20	
Lead	11.1	0.994		mg/Kg-dry	3/10/10 16:20	
Selenium	< 1.99	1.99		mg/Kg-dry	3/10/10 16:20	
Strontium	320	9.94		mg/Kg-dry	3/10/10 16:37	
<b>SOLUBLE CHLORIDE</b> <span style="float:right"><b>29B/SW9253</b></span>						
Chlorides	18,600	1,090		mg/Kg-dry	3/11/10 9:45	<b>SP</b>
<b>ELECTRICAL CONDUCTIVITY @ SPE</b> <span style="float:right"><b>29B/E120.1</b></span>						
Electrical Conductivity	41.9	0.100		mmhos/cm	3/11/10 17:30	<b>AG</b>
<b>EXCHANGEABLE SODIUM PERCENTAGE</b> <span style="float:right"><b>29B/E273.1</b></span>						
Exchangeable Sodium %	56.1	0.1		%	3/12/10 0:00	<b>MB</b>
<b>MERCURY IN SOIL OR SLUDGE</b> <span style="float:right"><b>29B/SW7471A</b></span>						
Mercury	< 0.100	0.100		mg/Kg-dry	3/11/10 19:38	<b>MB</b>
<b>PERCENT MOISTURE</b> <span style="float:right"><b>SW9071B</b></span>						
Percent Moisture	82.4	0.0100		wt%	3/04/10 11:20	<b>AG</b>
<b>SODIUM ADSORPTION RATIO</b> <span style="float:right"><b>29B/SW6010B</b></span>						
Sodium Adsorption Ratio	65.7	0.100		meq	3/10/10 0:00	<b>STS</b>
Soluble Calcium	34.1	1.00		meq	3/10/10 0:00	
Soluble Magnesium	31.7	1.00		meq	3/10/10 0:00	
Soluble Sodium	377	1.00		meq	3/10/10 0:00	
<b>TPH BY GC/FID</b> <span style="float:right"><b>SW8015B</b></span>						
TPH (Diesel Range)	646	400		mg/Kg	3/07/10 22:46	<b>CR</b>
TPH (Oil Range)	645	640		mg/Kg	3/07/10 22:46	
Surr: 4-Terphenyl-d14	+DO	55.1-140	S	%REC	3/07/10 22:46	

**Qualifiers:**  
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 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 E - Estimated value  
 +DO - Diluted out due to dilution  
 MI+ - Matrix Interference  
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 PQL - Practical Quantitation Limit  
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Greg Miller  
ICON Environmental Services  
1055 Convention Street, 2nd Floor  
Baton Rouge, LA 708024771  
TEL: (225) 344-8490  
FAX (225) 344-6654

March 23, 2010  
Order No.: L06100618

RE: VPSC White Lake

Dear Greg Miller:

Sherry Laboratories/Louisiana received 7 samples on 8/14/2006 for the analyses presented in the following report.

In accordance with your instructions, Sherry Laboratories/Louisiana conducted the analysis shown on the following pages on samples submitted by your company. The results related only to the items tested. Unless otherwise noted, all analyses were conducted using EPA approved methodologies and all test results meet all requirements of NELAC. All relevant sampling information is on the attached Chain-of-Custody form. A "#" by the test method indicates this parameter is outside the scope of accreditation.


All soil samples except 29-B data are on a wet-weight basis unless otherwise indicated.

Louisiana Certification/Accreditation: 01997

A scope of Certified/Accredited parameters is available upon request.

If you have any questions regarding these test results, please feel free to call.

Sincerely,  
Jerry Landry  
Laboratory Director

Approved By:   
Annie Reedy  
Assistant Laboratory Director

Total Pages in this Report 19

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(800) 737-2378

**Date:** 23-Mar-10

---

**CLIENT:** ICON Environmental Services  
**Project:** VPSC White Lake  
**Lab Order:** L06100618

## CASE NARRATIVE

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Unless specified by the client, a duplicate or MS/MSD, wherever applicable, is randomly selected and analyzed from each analytical batch provided sample volume is sufficient. The sample chosen for duplicate or MS/MSD may or may not be a sample submitted in this workorder. A method blank and/or a lab control sample (LCS)/lab control sample duplicate (LCSD), wherever applicable, are processed as a quality control check for each analytical batch. When the matrix QC data is not available due to insufficient sample volume or when the results indicate possible matrix effect, the validity of the batch is determined by the method blank and LCS/LCSD.

Any other exceptions associated with this report will be footnoted in the results page(s) or the QC summary page(s).

The Leachable Chloride sample was prepared outside of the holding time by Sherry Laboratories and analyzed by Southern Petroleum Laboratories - Lafayette. Their report is attached in its entirety.

3/23/10 This report is being re-issued and replaces in its entirety the originally submitted report dated 11/10/06. At the request of the client, the metals data was corrected to a dry weight basis.



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**CLIENT:** ICON Environmental Services

**Lab Order:** L06100618

**Project:** VPSC White Lake

**Date Received:** 8/14/2006

**Date Reported:** 23-Mar-10

**Lab ID:** L06100618-01    **Collection Date:** 8/10/2006 12:47:00 PM    **Sample ID:** B-17 (0-3)

**Matrix:** SLUDGE

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>		<b>SW6010B</b>				<b>STS</b>
Arsenic	40.8	5.24		mg/Kg-dry	10/26/2006 12:22:41 AM	
Barium	2,390	26.2		mg/Kg-dry	10/26/2006 12:22:41 AM	
Cadmium	1.24	0.524		mg/Kg-dry	10/26/2006 12:22:41 AM	
Chromium	62.6	5.24		mg/Kg-dry	10/26/2006 12:22:41 AM	
Lead	64.6	2.62		mg/Kg-dry	10/26/2006 12:22:41 AM	
Selenium	< 10.5	10.5		mg/Kg-dry	10/26/2006 12:22:41 AM	
<b>TRUE TOTAL BARIUM</b>		<b>29B</b>				<b>STS</b>
True Total Barium	556	47.9		ppm	10/26/2006 7:19:09 AM	

<b>Qualifiers:</b>	+DO - Diluted out due to dilution	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	MI+ - Matrix Interference
	* - Value exceeds MCL or Permit Limitation	H - Exceeds Holding Time





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**CLIENT:** ICON Environmental Services

**Lab Order:** L06100618

**Project:** VPSC White Lake

**Date Received:** 8/14/2006

**Date Reported:** 23-Mar-10

**Lab ID:** L06100618-02 **Collection Date:** 8/10/2006 12:50:00 PM **Sample ID:** B-17 (3-6)

**Matrix:** SLUDGE

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>		<b>SW6010B</b>				<b>STS</b>
Arsenic	9.66	2.02		mg/Kg-dry	10/26/2006 12:26:55 AM	
Barium	306	10.1		mg/Kg-dry	10/26/2006 12:26:55 AM	
<b>TRUE TOTAL BARIUM</b>		<b>29B</b>				<b>STS</b>
True Total Barium	123	48.0		ppm	10/26/2006 7:23:28 AM	

- |                    |   |   |
|--------------------|---|---|
| <b>Qualifiers:</b> | +DO - Diluted out due to dilution                   | S - Spike Recovery outside accepted recovery limits |
|                    | J - Analyte detected below quantitation limits      | R - RPD outside accepted recovery limits            |
|                    | B - Analyte detected in the associated Method Blank | MI+ - Matrix Interference                           |
|                    | * - Value exceeds MCL or Permit Limitation          | H - Exceeds Holding Time                            |





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**CLIENT:** ICON Environmental Services

**Lab Order:** L06100618

**Project:** VPSC White Lake

**Date Received:** 8/14/2006

**Date Reported:** 23-Mar-10

**Lab ID:** L06100618-04 **Collection Date:** 8/10/2006 1:05:00 PM **Sample ID:** B-17 (10.5-12)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>						<b>STS</b>
Arsenic	8.95	1.27		mg/Kg-dry	10/26/2006 12:36:21 AM	

- |                    |   |   |
|--------------------|---|---|
| <b>Qualifiers:</b> | +DO - Diluted out due to dilution                   | S - Spike Recovery outside accepted recovery limits |
|                    | J - Analyte detected below quantitation limits      | R - RPD outside accepted recovery limits            |
|                    | B - Analyte detected in the associated Method Blank | MI+ - Matrix Interference                           |
|                    | * - Value exceeds MCL or Permit Limitation          | H - Exceeds Holding Time                            |



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**CLIENT:** ICON Environmental Services

**Lab Order:** L06100618

**Project:** VPSC White Lake

**Date Received:** 8/14/2006

**Date Reported:** 23-Mar-10

**Lab ID:** L06100618-05    **Collection Date:** 8/10/2006 2:55:00 PM    **Sample ID:** B-19 (1-2.5)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>		<b>SW6010B</b>				<b>STS</b>
Arsenic	123	7.95		mg/Kg-dry	10/26/2006 12:49:48 AM	
Barium	7,910	39.8		mg/Kg-dry	10/26/2006 12:49:48 AM	
Cadmium	3.36	0.795		mg/Kg-dry	10/26/2006 12:49:48 AM	
Selenium	< 15.9	15.9		mg/Kg-dry	10/26/2006 12:49:48 AM	
<b>TRUE TOTAL BARIUM</b>		<b>29B</b>				<b>STS</b>
True Total Barium	1,300	47.0		ppm	10/26/2006 7:31:57 AM	

**Qualifiers:**    +DO - Diluted out due to dilution    S - Spike Recovery outside accepted recovery limits  
                          J - Analyte detected below quantitation limits    R - RPD outside accepted recovery limits  
                          B - Analyte detected in the associated Method Blank    MI+ - Matrix Interference  
                          \* - Value exceeds MCL or Permit Limitation    H - Exceeds Holding Time



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**CLIENT:** ICON Environmental Services

**Lab Order:** L06100618

**Project:** VPSC White Lake

**Date Received:** 8/14/2006

**Date Reported:** 23-Mar-10

**Lab ID:** L06100618-06    **Collection Date:** 8/10/2006 2:57:00 PM    **Sample ID:** B-19 (2.5-4)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>		<b>SW6010B</b>				<b>STS</b>
Arsenic	94.8	6.21		mg/Kg-dry	10/26/2006 12:53:47 AM	
Barium	1,450	31.0		mg/Kg-dry	10/26/2006 12:53:47 AM	
<b>TRUE TOTAL BARIUM</b>		<b>29B</b>				<b>STS</b>
True Total Barium	332	48.0		ppm	10/26/2006 7:36:15 AM	

- Qualifiers:**
- +DO - Diluted out due to dilution
  - J - Analyte detected below quantitation limits
  - B - Analyte detected in the associated Method Blank
  - \* - Value exceeds MCL or Permit Limitation
  - S - Spike Recovery outside accepted recovery limits
  - R - RPD outside accepted recovery limits
  - MI+ - Matrix Interference
  - H - Exceeds Holding Time



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**CLIENT:** ICON Environmental Services

**Lab Order:** L06100618

**Project:** VPSC White Lake

**Date Received:** 8/14/2006

**Date Reported:** 23-Mar-10

**Lab ID:** L06100618-07 **Collection Date:** 8/10/2006 3:03:00 PM **Sample ID:** B-19 (6.5-9.5)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>						<b>STS</b>
Arsenic	10.4	2.14		mg/Kg-dry	10/26/2006 12:58:00 AM	

- |                    |   |   |
|--------------------|---|---|
| <b>Qualifiers:</b> | +DO - Diluted out due to dilution                   | S - Spike Recovery outside accepted recovery limits |
|                    | J - Analyte detected below quantitation limits      | R - RPD outside accepted recovery limits            |
|                    | B - Analyte detected in the associated Method Blank | MI+ - Matrix Interference                           |
|                    | * - Value exceeds MCL or Permit Limitation          | H - Exceeds Holding Time                            |

Sherry Laboratories/Louisiana

Date: 23-Mar-10

CLIENT: ICON Environmental Services  
 Work Order: L06100618  
 Project: VPSC White Lake

QC SUMMARY REPORT  
 Method Blank

Sample ID: MBLK	Batch ID: 6483	Test Code: SW6010B	Units: mg/Kg	Analysis Date 10/25/2006 11:55:48 P	Prep Date:						
Client ID:	Run ID: I2-OPTIMA_061025A	SeqNo: 738715									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	< 0.010		0.010								
Barium	< 0.050		0.050								
Cadmium	< 0.0010		0.0010								
Chromium	< 0.010		0.010								
Lead	< 0.0050		0.0050								
Selenium	< 0.020		0.020								

Sample ID: MBLK	Batch ID: 6480	Test Code: 29B	Units: ppm	Analysis Date 10/18/2006 8:35:52 PM	Prep Date:						
Client ID:	Run ID: I2-OPTIMA_061018B	SeqNo: 735702									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
True Total Barium	< 50		50								

Sample ID: MBLK	Batch ID: 6480	Test Code: 29B	Units: ppm	Analysis Date 10/26/2006 6:33:40 AM	Prep Date:						
Client ID:	Run ID: I2-OPTIMA_061025A	SeqNo: 738791									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
True Total Barium	< 50		50								

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank

Sherry Laboratories/Louisiana

Date: 23-Mar-10

CLIENT: ICON Environmental Services  
 Work Order: L06100618  
 Project: VPSC White Lake

**QC SUMMARY REPORT**  
 Sample Duplicate

Sample ID: L06090775-10ADU Batch ID: 6483 Test Code: SW6010B Units: mg/Kg Analysis Date 10/26/2006 1:56:29 AM Prep Date: 10/18/2006  
 Client ID: Run ID: I2-OPTIMA\_061025A SeqNo: 738738

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	7.333	0.99	0	0	0	0	0	8.939	19.7	20	
Barium	2593	5.0	0	0	0	0	0	2993	14.3	20	
Cadmium	0.8877	0.099	0	0	0	0	0	0.9516	6.96	20	
Chromium	50.83	0.99	0	0	0	0	0	49.3	3.07	20	
Lead	44	0.50	0	0	0	0	0	46.91	6.39	20	
Selenium	<2.0	2.0	0	0	0	0	0	0	0	20	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank



Sherry Laboratories/Louisiana

Date: 23-Mar-10

CLIENT: ICON Environmental Services  
 Work Order: L06100618  
 Project: VPSC White Lake

**QC SUMMARY REPORT**  
 Sample Matrix Spike

Sample ID: L06090775-10AMS	Batch ID: 6483	Test Code: SW6010B	Units: mg/Kg	Analysis Date 10/26/2006 1:52:11 AM	Prep Date: 10/18/2006						
Client ID:	Run ID: I2-OPTIMA_061025A	SeqNo: 738737									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	62.7	0.99	49.59	8.939	108	75	125	0			
Barium	3319	5.0	49.59	2993	657	75	125	0			S
Cadmium	52.91	0.099	49.59	0.9516	105	75	125	0			
Chromium	105.3	0.99	49.59	49.3	113	75	125	0			
Lead	96.78	0.50	49.59	46.91	101	75	125	0			
Selenium	42.49	2.0	49.59	0	85.7	75	125	0			

Sample ID: L06090775-10AMS	Batch ID: 6483	Test Code: SW6010B	Units: mg/Kg	Analysis Date 10/26/2006 2:01:00 AM	Prep Date: 10/18/2006						
Client ID:	Run ID: I2-OPTIMA_061025A	SeqNo: 738739									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	57.23	0.99	49.66	7.333	100	75	125	62.7	9.13	20	
Barium	3082	5.0	49.66	2593	984	75	125	3319	7.41	20	S
Cadmium	49.44	0.099	49.66	0.8877	97.8	75	125	52.91	6.78	20	
Chromium	104.7	0.99	49.66	50.83	109	75	125	105.3	0.532	20	
Lead	89.9	0.50	49.66	44	92.4	75	125	96.78	7.37	20	
Selenium	39.39	2.0	49.66	0	79.3	75	125	42.49	7.58	20	

Sample ID: L06100617-01AMS	Batch ID: 6480	Test Code: 29B	Units: ppm	Analysis Date 10/26/2006 9:25:14 PM	Prep Date: 10/18/2006						
Client ID:	Run ID: I2-OPTIMA_061025B	SeqNo: 739806									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
True Total Barium	9739	47	9416	232.6	101	75	125	0			

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank

**QC SUMMARY REPORT**  
 Sample Matrix Spike Duplicate

**CLIENT:** ICON Environmental Services  
**Work Order:** L06100618  
**Project:** VPSC White Lake

Sample ID: L06100617-01AMS Batch ID: 6480 Test Code: 29B Units: ppm Analysis Date 10/26/2006 9:29:28 PM Prep Date: 10/18/2006

Client ID: Run ID: I2-OPTIMA\_061025B SeqNo: 739807

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
True Total Barium	9539	47	9346	232.6	99.6	75	125	9739	2.08	20	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Sherry Laboratories/Louisiana

Date: 23-Mar-10

CLIENT: ICON Environmental Services  
 Work Order: L06100618  
 Project: VPSC White Lake

**QC SUMMARY REPORT**  
 Laboratory Control Spike - generic

Sample ID: LCS LOT # 05F20	Batch ID: 6483	Test Code: SW6010B	Units: mg/Kg	Analysis Date 10/26/2006	Prep Date:						
Client ID:	Run ID: I2-OPTIMA_061025A	SeqNo: 738716									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.4981	0.010	0.5	0	99.6	75	125	0			
Barium	0.4825	0.050	0.5	0	96.5	75	125	0			
Cadmium	0.4836	0.0010	0.5	0	96.7	75	125	0			
Chromium	0.4898	0.010	0.5	0	98	75	125	0			
Lead	0.4753	0.0050	0.5	0	95.1	75	125	0			
Selenium	0.4736	0.020	0.5	0	94.7	75	125	0			

Sample ID: LCSD LOT # 05F2	Batch ID: 6483	Test Code: SW6010B	Units: mg/Kg	Analysis Date 10/26/2006 12:04:37 A	Prep Date:						
Client ID:	Run ID: I2-OPTIMA_061025A	SeqNo: 738717									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.4881	0.010	0.5	0	97.6	75	125	0.4981	2.03	20	
Barium	0.4815	0.050	0.5	0	96.3	75	125	0.4825	0.202	20	
Cadmium	0.4827	0.0010	0.5	0	96.5	75	125	0.4836	0.198	20	
Chromium	0.4895	0.010	0.5	0	97.9	75	125	0.4898	0.0689	20	
Lead	0.4756	0.0050	0.5	0	95.1	75	125	0.4753	0.0545	20	
Selenium	0.478	0.020	0.5	0	95.6	75	125	0.4736	0.922	20	

Sample ID: LCS LOT#Y-BA02	Batch ID: 6480	Test Code: 29B	Units: ppm	Analysis Date 10/18/2006 8:40:04 PM	Prep Date:						
Client ID:	Run ID: I2-OPTIMA_061018B	SeqNo: 735703									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
True Total Barium	2.209	50	2	0	110	75	125	0			J

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
 5

**QC SUMMARY REPORT**  
Laboratory Control Spike Duplicate

**CLIENT:** ICON Environmental Services  
**Work Order:** L06100618  
**Project:** VPSC White Lake

**Sample ID:** LCSD LOT#Y-BA0    **Batch ID:** 6480    **Test Code:** 29B    **Units:** ppm    **Analysis Date:** 10/18/2006 8:44:16 PM    **Prep Date:**  
**Client ID:**    **Run ID:** I2-OPTIMA\_061018B    **SeqNo:** 735704

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
True Total Barium	2.212	50	2	0	111	75	125	2.209	0	20	J

**Sample ID:** LCS LOT#Y-BA02    **Batch ID:** 6480    **Test Code:** 29B    **Units:** ppm    **Analysis Date:** 10/26/2006 6:37:54 AM    **Prep Date:**  
**Client ID:**    **Run ID:** I2-OPTIMA\_061025A    **SeqNo:** 738792

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
True Total Barium	2.039	50	2	0	102	75	125	0			J

**Sample ID:** LCSD LOT#Y-BA0    **Batch ID:** 6480    **Test Code:** 29B    **Units:** ppm    **Analysis Date:** 10/26/2006 6:42:09 AM    **Prep Date:**  
**Client ID:**    **Run ID:** I2-OPTIMA\_061025A    **SeqNo:** 738793

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
True Total Barium	2.057	50	2	0	103	75	125	2.039	0	20	J

**Qualifiers:** ND - Not Detected at the Reporting Limit    S - Spike Recovery outside accepted recovery limits    B - Analyte detected in the associated Method Blank  
J - Analyte detected below quantitation limits    R - RPD outside accepted recovery limits

# Sherry Laboratories - Chain of Custody Record

Laboratory Number: **10100618**

<b>Client Information:</b>		<b>Billing Information:</b>	
Company Name: <b>TEOM ENV</b>	PO Number:	Project Name/Number: <b>VPSC White Lake</b>	Page of
Contact Name: <b>Greg Miller</b>	Quote Number:	<b>Reloggy Lab 8/6/09</b>	Matrix Code
Address:	Required QC Level:	Sampler's Signature	DW = Drinking Water WW = Waste Water GW = Ground Water AQ = Aqueous SL = Sludge O = Oil F = Food NG = Natural Gas NGL = Natural Gas Liquid PW = Produced Water CF = Completion Fluid
City, State Zip:	Bill Monthly	Shipping Method:	
Phone Number:	<input type="checkbox"/> Yes	UPS / FedEx / Airborne	
Fax Number:	<input type="checkbox"/> No	DHL / Sherry / Hand / Mail	
E-mail Address:	Ext:		

Sample ID/Description	Which Regulations Apply: <input type="checkbox"/> RCRA <input type="checkbox"/> POTW <input type="checkbox"/> NPDES <input type="checkbox"/> USDA/FDA <input type="checkbox"/> RECAP/RISC	Turn Time <input type="checkbox"/> Standard <input type="checkbox"/> RUSH <input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Day <input type="checkbox"/> Other	(Rush turn times will incur a surcharge and must be pre-approved by lab.)	Container		Requested Tests	Comments
				Quantity	Type P=Plastic, G=Glass, V=Vial		
				Collection Information			
Date		Time	Matrix				
B-17 (0-3)							
B-17 (3-6)			soil				
B-17 (8.5-10.5)							
B-17 (10.5-12)							
B-19 (1-2.5)							
B-19 (2.5-4)							
B-19 (6.5-9.5)							

Relinquished by	Date/Time	Received by	Date/Time	Field Notes:
1				
2				Received at lab on ice: <input type="checkbox"/> Yes <input type="checkbox"/> No Temp:
3				

All samples submitted to Sherry Laboratories for analysis are accepted on a custodial basis only. Ownership of the material remains with the client submitting the samples. Sherry Laboratories reserves the right to return unused sample portions.

9301 Innovation Drive  
Suite 125  
Daleville, IN 47334  
765-378-4103  
Fax: 765-378-4109

629 Washington St.  
Suite 300  
Columbus, IN 47201  
812-375-0531  
Fax: 812-375-0731

5738 Industrial Rd.  
Fort Wayne, IN 46825  
260-471-7000  
Fax: 260-471-7777

2417 W. Pinhook Rd  
Lafayette, LA 70508  
337-235-0483  
Fax: 337-233-6540

2129 Willow Street  
Scott, LA 70583  
337-232-3568  
Fax: 337-232-3621



# Sherry Laboratories - Chain of Custody Record

Laboratory Number: LAB 08-0009

Company Name: ICON Environmental  
 Contact Name: Greg Miller  
 Address: 1055 Conventon St. 2nd floor  
 City, State Zip: Baton Rouge LA 70802  
 Phone Number: 225-344-8490 Ext:  
 Fax Number:  
 E-mail Address:

PO Number: SAME  
 Quote Number:  
 Required QC Level:  
 Bill Monthly:  Yes  No  
 Shipping Method: UPS / FedEx / Airborne  
DHL / Sherry / Hand / Mail

Project Name/Number: Vpsc WHITE LAKE  
 9077-041-0800  
 Sampler's Signature:  
 Turn Time: 1 of 2  
 Standard  
 1 Day  
 2 Day  
 Other  
 (Rush turn times will incur a surcharge and must be pre-approved by lab.)

Which Regulations Apply: <input type="checkbox"/> RCRA <input type="checkbox"/> POTW <input type="checkbox"/> NPDES <input type="checkbox"/> USDA/FDA <input type="checkbox"/> RECAP/RISC	Sample ID/Description	Matrix Code:		Date	Time	Matrix	Container		Pres	Requested Tests				Comments	
		AQ = Aqueous DW = Drinking WW = Waste MW = Monit. Well LQ = Liquid	SO = Soil O = Oil SL = Sludge F = Food SW = Swab SOL = Solid				Type	Volume		TPH-D/O	Metals	% Moisture			
<input type="checkbox"/> Drinking Water <input type="checkbox"/> Distribution <input type="checkbox"/> Special <input type="checkbox"/> State <input type="checkbox"/> Other	B-17 (0'-3')	Grab	SL	8/10/06	12:47	SL	G	1	none	X	Cl/EC	X			<u>Metals</u> <u>As, Ba, Cd</u> <u>Pb, Se, Sr</u> <u>TPH-D/O</u> <u>Method 8015B</u>
	B-17 (3'-6')	Grab	SL	8/10/06	12:50	SL	G	1	none	X		X			
	B-17 (8.5'-10.5')	Grab	SL	8/10/06	13:00	SL	G	1	none	X		X			
	B-17 (10.5'-12')	Grab	SL	8/10/06	13:05	SL	G	1	none	X		X			
	B-20 (1'-3')	Grab	SL	8/10/06	13:33	SL	G	1	none	X		X			
	B-20 (3'-4.5')	Grab	SL	8/10/06	13:35	SL	G	1	none	X		X			
	B-20 (7.5'-10') (M)	Grab	SL	8/10/06	13:43	SL	G	1	none	X		X			
	B-18 (2'-4')	Grab	SL	8/10/06	14:07	SL	G	1	none	X		X			
	B-18 (4'-5')	Grab	SL	8/10/06	14:10	SL	G	1	none	X		X			
	B-18 (7.5'-10')	Grab	SL	8/10/06	14:14	SL	G	1	none	X		X			

Requisitioned by: Shawn Leary  
 Date/Time: 8/14/06 17:05  
 Date/Time: 8/14/06 17:05  
 Received by: Darlene Smith  
 Received on ice?  Yes  No  
 Temp:

All samples submitted to Sherry Laboratories for analysis are accepted on a custodial basis only. Ownership of the material remains with the client submitting the samples. Sherry Laboratories reserves the right to return unused sample portions.

2203 S. Madison St.  
 Muncie, In 47302  
 765-747-9600  
 Fax: 765-747-0728

629 Washington St.  
 Suite 300  
 Columbus, In 47201  
 812-375-0531  
 Fax: 812-375-0731

2417 W. Pinhook Rd  
 Lafayette, LA 70508  
 337-235-0483  
 Fax: 337-233-6540

6825 E. 36th Street  
 Tulsa, OK 74145  
 918-828-9977  
 Fax: 918-828-7756

Part 1 - Laboratory Copy Part 2 - Report Copy Part 3 - Client's Temporary Copy

6/03



# Sherry Laboratories - Chain of Custody Record

Laboratory Number: **6020800009**

Client Information: **ICON Environmental**  
 Contact Name: **Greg Miller**  
 Address: **1055 Conquestion St**  
**2nd floor**  
**Baton Rouge LA 70802**  
 Phone Number: **225-344-8490** Ext:  
 City, State Zip:  
 Fax Number:  
 E-mail Address:

Billing Information: **SAME**  
 PO Number:  
 Quote Number:  
 Required QC Level:  
 Bill Monthly:  Yes  No  
 Shipping Method: **UPS / FedEx / Airborne**  
**DHL / Sherry / Hand / Mail**

Project Name/Number: **VPSB WHITE LAKE**  
**9077-041-0800**  
 Sampler's Signature: \_\_\_\_\_  
 Turn Time:  Standard  1 Day  2 Day  Other  
 (Rush turn times will incur a surcharge and must be pre-approved by lab.)

Page **2** of **2**

Sample ID/Description	Date	Time	Matrix	Container		Pres	Requested Tests		Comments
				SO = Soil	O = Oil		TPH-D/O	Metals	
B-18 (10'-11.5')	8/10/06	14:10	GRAB SL	1	G	None	X	X	<b>Metals</b> <b>As, Ba, Cd</b> <b>Pb, Se, Sr</b> <b>TPH-D/O</b> <b>Method 8015 B</b>
B-19 (1'-2.5')	↓	14:55	↓	1	↓	↓	X	X	
B-19 (2.5'-4')	↓	14:57	↓	1	↓	↓	X	X	
B-19 (4'-6.5')	↓	15:00	↓	1	↓	↓	X	X	
B-19 (6.5'-9.5')	8/10/06	15:03	GRAB SL	1	G	None	X	X	

Relinquished by: **Shawn Reddy** Date/Time: **8/10/06 17:05**  
 Received by: **Dawn Dura** Date/Time: **8/14/06 17:05**  
 Received on ice?  Yes  No  
 Temp: \_\_\_\_\_

All samples submitted to Sherry Laboratories for analysis are accepted on a custodial basis only. Ownership of the material remains with the client submitting the samples. Sherry Laboratories reserves the right to return unused sample portions.

2203 S. Madison St.  
 Muncie, IN 47302  
 765-747-9000  
 Fax: 765-747-0228

629 Washington St.  
 Suite 300  
 Columbus, IN 47201  
 812-375-0531  
 Fax: 812-375-0731

5738 Industrial Rd.  
 Fort Wayne, IN 46825  
 260-471-7000  
 Fax: 260-471-7777

2417 W. Pinhook Rd  
 Lafayette, LA 70508  
 337-235-0483  
 Fax: 337-235-6540

6625 E. 38th Street  
 Tulsa, OK 74145  
 918-828-9977  
 Fax: 918-828-7756

**SAMPLE LOG-IN CHECK LIST**

**Chain of Custody**

Yes	No	N/A	Were seals, if present, intact?
Yes	No		Is Chain of Custody complete? If no, please comment below.
			How was the sample delivered? Sherry FedEx UPS <u>Hand</u> Other: _____

**Log In**

Yes	No		Was an attempt made to cool the samples? Temperature: <u>4</u> Ambient
Yes	No	N/A	Are samples properly preserved?
			If preservative added to bottles, which bottles? _____
Yes	No	N/A	Is the headspace in the VOA vials less than 1/4 inch or 6 mm?
Yes	No	N/A	Are VOA vials preserved with HCl?
Yes	No		Does paperwork match bottle labels? (Note discrepancies on Chain of Custody)
Yes	No		Are matrices correctly identified on Chain of Custody?
Yes	No		Is it clear what analyses were requested?
Yes	No		Are we able to meet all holding times? (If no, notify customer for authorization.)

**Special Handling (if applicable)**

Yes	No	N/A	Was client notified of all discrepancies with this order?
			Person notified: _____ Date: _____ Time: _____
			By whom? _____ Via: Phone Fax In Person
			Regarding: _____ Report / Do Not Report
Yes	No	N/A	Was other special handling completed? Explain: _____

**Notes:**

No sampler signature

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Customer: Icon Laboratory Work Order # 6080669

Log In Signature: Binderup Date: 8-14-06 Time: 1705





LAFAYETTE LABORATORY  
 500 AMBASSADOR CAFFERY PARKWAY  
 SCOTT, LA 70583  
 (337)237-4775

Case Narrative for:  
**SHERRY LABORATORIES**

Certificate of Analysis Number:  
**06110057**

<p><b>Report To:</b></p> <p>SHERRY LABORATORIES          ANNIE REEDY          2417 WEST PINHOOK RD.</p> <p>LAFAYETTE          LA          70508-          ph: (337)235-0483      fax:</p>	<p><b>Project Name:</b> L06100618</p> <p><b>Site:</b> SHERRY LABS</p> <p><b>Site Address:</b></p> <p><b>PO Number:</b></p> <p><b>State:</b> Louisiana</p> <p><b>State Cert. No.:</b> 02048</p> <p><b>Date Reported:</b> 11/7/2006</p>
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Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

TOTAL NUMBER OF PAGES IN THIS REPORT: 8 PAGES



LAFAYETTE LABORATORY  
 500 AMBASSADOR CAFFERY PARKWAY  
 SCOTT, LA 70583  
 (337) 237-4775

**SHERRY LABORATORIES**

Certificate of Analysis Number:

**06110057**

**Report To:** SHERRY LABORATORIES  
 ANNIE REEDY  
 2417 WEST PINHOOK RD.

LAFAYETTE  
 LA

70508-  
 ph: (337) 235-0483 fax: (337) 233-6540

**Fax To:**

**Project Name:** L06100618  
**Site:** SHERRY LABS  
**Site Address:**

**PO Number:**  
**State:** Louisiana  
**State Cert. No.:** 02048

**Date Reported:** 11/7/2006

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
B-17 (8.5-10.5)	06110057-01	Leachate	8/10/2006 1:00:00 PM	11/1/2006 4:30:00 PM		<input type="checkbox"/>

Ralph E. Frye  
 ProjectManager

11/7/2006

Date

Ron Benjamin  
 LaboratoryDirector

Tristan Davis  
 Quality Assurance Officer



LAFAYETTE LABORATORY  
500 AMBASSADOR CAFFERY PARKWAY  
SCOTT, LA 70583  
(337)237-4775

Client Sample ID: B-17 (8.5-10.5)

Collected: 08/10/2006 13:00 SPL Sample ID: 06110057-01

Site: SHERRY LABS

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>LDNR LEACHABLE CHLORIDES ANALYSIS VIA SW846 9253</b>							
Chloride	4790		5	1	11/06/06 12:30	PFB	2019320

**Qualifiers:**

ND/U - Not Detected at the Reporting Limit

B - Analyte detected in the associated Method Blank

\* - Surrogate Recovery Outside Advisable QC Limits

J - Estimated Value between MDL and PQL

TNTC - Too numerous to count

>MCL - Result Over Maximum Contamination Limit(MCL)

D - Surrogate Recovery Unreportable due to Dilution

MI - Matrix Interference

# *Quality Control Documentation*



Quality Control Report

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

SHERRY LABORATORIES
L06100618

Analysis: LDNR Leachable Chlorides Analysis via SW846 9253
Method: SW9253

WorkOrder: 06110057
Lab Batch ID: R139760

Method Blank

Samples in Analytical Batch:

RunID: WET\_061106ZI-2019318 Units: mg/L
Analysis Date: 11/06/2006 12:30 Analyst: PFB

Lab Sample ID Client Sample ID
06110057-01A B-17 (8.5-10.5)

Table with 3 columns: Analyte, Result, Rep Limit. Row: Chloride, ND, 5.0

Laboratory Control Sample (LCS)

RunID: WET\_061106ZI-2019319 Units: mg/L
Analysis Date: 11/06/2006 12:30 Analyst: PFB

Table with 6 columns: Analyte, Spike Added, Result, Percent Recovery, Lower Limit, Upper Limit. Row: Chloride, 150.0, 147.3, 98.20, 90, 110

Sample Duplicate

Original Sample: 06110050-14
RunID: WET\_061106ZI-2019329 Units: mg/L
Analysis Date: 11/06/2006 12:30 Analyst: PFB

Table with 5 columns: Analyte, Sample Result, DUP Result, RPD, RPD Limit. Row: Chloride, 21.3, 21.3, 0, 20

Qualifiers: ND/U - Not Detected at the Reporting Limit MI - Matrix Interference
B - Analyte detected in the associated Method Blank D - Recovery Unreportable due to Dilution
J - Estimated value between MDL and PQL \* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.

*Sample Receipt Checklist  
And  
Chain of Custody*



LAFAYETTE LABORATORY  
 500 AMBASSADOR CAFFERY PARKWAY  
 SCOTT, LA 70583  
 (337) 237-4775

**Sample Receipt Checklist**

Workorder:	06110057	Received By:	AJB
Date and Time Received:	11/1/2006 4:30:00 PM	Carrier name:	Client Drop Off
Temperature:	5°C	Chilled by:	Water Ice

- |  |   |                             |   |
|--|---|-----------------------------|---|
| 1. Shipping container/cooler in good condition?              | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> | Not Present <input type="checkbox"/>                      |
| 2. Custody seals intact on shipping container/cooler?        | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/>           |
| 3. Custody seals intact on sample bottles?                   | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | Not Present <input checked="" type="checkbox"/>           |
| 4. Chain of custody present?                                 | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |   |
| 5. Chain of custody signed when relinquished and received?   | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |   |
| 6. Chain of custody agrees with sample labels?               | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |   |
| 7. Samples in proper container/bottle?                       | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |   |
| 8. Sample containers intact?                                 | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |   |
| 9. Sufficient sample volume for indicated test?              | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |   |
| 10. All samples received within holding time?                | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |   |
| 11. Container/Temp Blank temperature in compliance?          | Yes <input checked="" type="checkbox"/> | No <input type="checkbox"/> |   |
| 12. Water - VOA vials have zero headspace?                   | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | VOA Vials Not Present <input checked="" type="checkbox"/> |
| 13. Water - Preservation checked upon receipt (except VOA*)? | Yes <input type="checkbox"/>            | No <input type="checkbox"/> | NotApplicable <input checked="" type="checkbox"/>         |

\*VOA Preservation Checked After Sample Analysis

SPL Representative:

Contact Date & Time:

Client Name Contacted:

Non Conformance Issues:

Client Instructions:

06110057

**Sherry Laboratories/Louisiana**  
2417 West Pinhook Road  
Lafayette, LA 70508-3344  
(337) 235-0483

# CHAIN-OF-CUSTODY RECORD

**Subcontractor:**

SPL, Inc  
500 Ambassador Caffery Parkway

TEL: (337) 237-4775  
FAX: (337) 237-8005

Scott, LA 70563

Acct #:

01-Nov-06

Client Sample ID	Lab ID	Matrix	Collection Date	Bottle Type	Number of Containers	Requested Tests
B-17 (8.5-10.5)	L06100618-03B	Soil	8/10/2006 1:00:00 PM	2LHDPE	1	LEACHATECHLOR

*Client drop  
No CS  
stamp - for 50c  
D.*

**Comments:** Sample all ready prep Leachate chloride by 9253

Use Client Sample ID(s) on reports.  
Valid LELAP Certification required.

*Ray Leach* 11/10/06  
11/10/06

*Gregory L. Leach* 11/10/06  
*A. Leach* 11/10/06

Relinquished by:

Date/Time

Relinquished by:

Date/Time





TESTING TODAY, PROTECTING TOMORROW

2417 West Pinhook Road  
Lafayette, LA 70508-3344  
Telephone (337) 235-0483

WWW.SHERRYLABS.COM  
P.O. Box 81816  
Lafayette, LA 70598-1816  
Fax (337) 233-6540  
(800) 737-2378

Greg Miller  
ICON Environmental Services  
1055 Convention Street, 2nd Floor  
Baton Rouge, LA 708024771  
TEL: (225) 344-8490  
FAX (225) 344-6654

March 23, 2010  
Order No.: L06100617

RE: VPSB White Lake

Dear Greg Miller:

Sherry Laboratories/Louisiana received 7 samples on 8/14/2006 for the analyses presented in the following report.

In accordance with your instructions, Sherry Laboratories/Louisiana conducted the analysis shown on the following pages on samples submitted by your company. The results related only to the items tested. Unless otherwise noted, all analyses were conducted using EPA approved methodologies and all test results meet all requirements of NELAC. All relevant sampling information is on the attached Chain-of-Custody form. A "#" by the test method indicates this parameter is outside the scope of accreditation.


All soil samples except 29-B data are on a wet-weight basis unless otherwise indicated.

Louisiana Certification/Accreditation: 01997

A scope of Certified/Accredited parameters is available upon request.

If you have any questions regarding these test results, please feel free to call.

Sincerely,  
Jerry Landry  
Laboratory Director

Approved By:   
Annie Reedy  
Assistant Laboratory Director

Total Pages in this Report 21

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Lafayette LA 70508-3344  
(337) 235-0483

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Lafayette LA 70598-1816  
Fax: (337) 233-6540  
(800) 737-2378

**Date:** 23-Mar-10

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**CLIENT:** ICON Environmental Services  
**Project:** VPSB White Lake  
**Lab Order:** L06100617

## CASE NARRATIVE

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Unless specified by the client, a duplicate or MS/MSD, wherever applicable, is randomly selected and analyzed from each analytical batch provided sample volume is sufficient. The sample chosen for duplicate or MS/MSD may or may not be a sample submitted in this workorder. A method blank and/or a lab control sample (LCS)/lab control sample duplicate (LCSD), wherever applicable, are processed as a quality control check for each analytical batch. When the matrix QC data is not available due to insufficient sample volume or when the results indicate possible matrix effect, the validity of the batch is determined by the method blank and LCS/LCSD.

Any other exceptions associated with this report will be footnoted in the results page(s) or the QC summary page(s).

3/23/10 This report is being re-issued and replaces in its entirety the originally submitted report dated 11/10/06. At the request of the client, the metals data was corrected to a dry weight basis.

**CLIENT:** ICON Environmental Services

**Lab Order:** L06100617

**Date Received:** 8/14/2006

**Project:** VPSB White Lake

**Date Reported:** 23-Mar-10

**Lab ID:** L06100617-01    **Collection Date:** 8/9/2006 2:23:00 PM    **Sample ID:** B-10 (1.5-4)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>		<b>SW6010B</b>				<b>STS</b>
Arsenic	24.1	3.35		mg/Kg-dry	10/25/2006 11:24:47 PM	
Barium	581	16.8		mg/Kg-dry	10/25/2006 11:24:47 PM	
Cadmium	1.03	0.335		mg/Kg-dry	10/25/2006 11:24:47 PM	
Chromium	41.6	3.35		mg/Kg-dry	10/25/2006 11:24:47 PM	
Lead	44.4	1.68		mg/Kg-dry	10/25/2006 11:24:47 PM	
Selenium	< 6.70	6.70		mg/Kg-dry	10/25/2006 11:24:47 PM	
<b>TRUE TOTAL BARIUM</b>		<b>29B</b>				<b>STS</b>
True Total Barium	233	47.5		ppm	10/26/2006 9:20:59 PM	

**Qualifiers:**

+DO - Diluted out due to dilution	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	MI+ - Matrix Interference
* - Value exceeds MCL or Permit Limitation	H - Exceeds Holding Time

**CLIENT:** ICON Environmental Services

**Lab Order:** L06100617

**Date Received:** 8/14/2006

**Project:** VPSB White Lake

**Date Reported:** 23-Mar-10

**Lab ID:** L06100617-02    **Collection Date:** 8/9/2006 2:26:00 PM    **Sample ID:** B-10 (4-7.5)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>						<b>STS</b>
Arsenic	10.9	1.86		mg/Kg-dry	10/25/2006 11:29:22 PM	

<b>Qualifiers:</b>	+DO - Diluted out due to dilution	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	MI+ - Matrix Interference
	* - Value exceeds MCL or Permit Limitation	H - Exceeds Holding Time

**CLIENT:** ICON Environmental Services

**Lab Order:** L06100617

**Date Received:** 8/14/2006

**Project:** VPSB White Lake

**Date Reported:** 23-Mar-10

**Lab ID:** L06100617-03    **Collection Date:** 8/9/2006 2:51:00 PM    **Sample ID:** B-9 (0-0.5)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>						
Arsenic	27.6	3.89		mg/Kg-dry	10/25/2006 11:33:56 PM	STS

**Qualifiers:**

+DO - Diluted out due to dilution	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	MI+ - Matrix Interference
* - Value exceeds MCL or Permit Limitation	H - Exceeds Holding Time

**CLIENT:** ICON Environmental Services

**Lab Order:** L06100617

**Date Received:** 8/14/2006

**Project:** VPSB White Lake

**Date Reported:** 23-Mar-10

**Lab ID:** L06100617-04    **Collection Date:** 8/9/2006 3:01:00 PM    **Sample ID:** B-9 (8-9)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>						<b>STS</b>
Arsenic	51.1	1.51		mg/Kg-dry	10/25/2006 11:38:29 PM	

<b>Qualifiers:</b>	+DO - Diluted out due to dilution	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	MI+ - Matrix Interference
	* - Value exceeds MCL or Permit Limitation	H - Exceeds Holding Time

**CLIENT:** ICON Environmental Services

**Lab Order:** L06100617

**Date Received:** 8/14/2006

**Project:** VPSB White Lake

**Date Reported:** 23-Mar-10

**Lab ID:** L06100617-05    **Collection Date:** 8/10/2006 10:10:00 A    **Sample ID:** B-12 (3.5-5)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>						<b>STS</b>
Arsenic	12.8	1.97		mg/Kg-dry	10/26/2006 12:09:14 AM	

<b>Qualifiers:</b>	+DO - Diluted out due to dilution	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	MI+ - Matrix Interference
	* - Value exceeds MCL or Permit Limitation	H - Exceeds Holding Time

**CLIENT:** ICON Environmental Services

**Lab Order:** L06100617

**Date Received:** 8/14/2006

**Project:** VPSB White Lake

**Date Reported:** 23-Mar-10

**Lab ID:** L06100617-06    **Collection Date:** 8/10/2006 12:20:00 PM    **Sample ID:** B-13 (3-5)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>						<b>STS</b>
Arsenic	10.9	2.10		mg/Kg-dry	10/26/2006 12:13:48 AM	

<b>Qualifiers:</b>	+DO - Diluted out due to dilution	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	MI+ - Matrix Interference
	* - Value exceeds MCL or Permit Limitation	H - Exceeds Holding Time



**CLIENT:** ICON Environmental Services

**Lab Order:** L06100617

**Date Received:** 8/14/2006

**Project:** VPSB White Lake

**Date Reported:** 23-Mar-10

**Lab ID:** L06100617-07 **Collection Date:** 8/10/2006 12:24:00 PM **Sample ID:** B-13 (7.5-9.5)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>						
Arsenic	66.4	1.43		mg/Kg-dry	10/26/2006 12:18:22 AM	STS

<b>Qualifiers:</b>	+DO - Diluted out due to dilution	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	MI+ - Matrix Interference
	* - Value exceeds MCL or Permit Limitation	H - Exceeds Holding Time

Sherry Laboratories/Louisiana

Date: 23-Mar-10

CLIENT: ICON Environmental Services  
 Work Order: L06100617  
 Project: VPSB White Lake

QC SUMMARY REPORT  
 Method Blank

Sample ID: MBLK	Batch ID: 6482	Test Code: SW6010B	Units: mg/Kg	Analysis Date 10/25/2006 9:42:19 PM	Prep Date:						
Client ID:	Run ID: I2-OPTIMA_061025A	SeqNo: 738691									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	< 0.010	0.010									
Barium	< 0.050	0.050									
Cadmium	< 0.0010	0.0010									
Chromium	< 0.010	0.010									
Lead	< 0.0050	0.0050									
Selenium	< 0.020	0.020									

Sample ID: MBLK	Batch ID: 6483	Test Code: SW6010B	Units: mg/Kg	Analysis Date 10/25/2006 11:55:48 P	Prep Date:						
Client ID:	Run ID: I2-OPTIMA_061025A	SeqNo: 738715									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	< 0.010	0.010									
Barium	< 0.050	0.050									
Cadmium	< 0.0010	0.0010									
Chromium	< 0.010	0.010									
Lead	< 0.0050	0.0050									
Selenium	< 0.020	0.020									

Sample ID: MBLK	Batch ID: 29B	Test Code: 29B	Units: ppm	Analysis Date 10/18/2006 8:35:52 PM	Prep Date:						
Client ID:	Run ID: I2-OPTIMA_061018B	SeqNo: 735702									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
True Total Barium	< 50	50									

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank  
 /

# QC SUMMARY REPORT

Method Blank

**CLIENT:** ICON Environmental Services

**Work Order:** L06100617

**Project:** VPSB White Lake

**Sample ID:** MBLK      **Batch ID:** 6480      **Test Code:** 29B      **Units:** ppm      **Analysis Date:** 10/26/2006 6:33:40 AM      **Prep Date:**

**Client ID:**      **Run ID:** I2-OPTIMA\_061025A      **SeqNo:** 738791

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
True Total Barium	< 50			50							

**Qualifiers:** ND - Not Detected at the Reporting Limit      S - Spike Recovery outside accepted recovery limits      B - Analyte detected in the associated Method Blank  
J - Analyte detected below quantitation limits      R - RPD outside accepted recovery limits

Sherry Laboratories/Louisiana

Date: 23-Mar-10

CLIENT: ICON Environmental Services  
 Work Order: L06100617  
 Project: VPSB White Lake

**QC SUMMARY REPORT**  
 Sample Matrix Spike

Sample ID: L06100615-01AMS	Batch ID: 6482	Test Code: SW6010B	Units: mg/Kg	Analysis Date 10/25/2006 10:09:28 P	Prep Date: 10/18/2006					
Client ID:	Run ID: I2-OPTIMA_061025A	PQL	SPK value	SeqNo: 738695						
Analyte	Result	QQL	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	71.92	0.99	49.63	110	75	125	0			
Barium	423.8	5.0	383.2	81.9	75	125	0			
Cadmium	49.63	0.099	49.63	98.8	75	125	0			
Chromium	64.78	0.99	49.63	95.9	75	125	0			
Lead	60.37	0.50	49.63	92.2	75	125	0			
Selenium	36.81	2.0	49.63	74.2	75	125	0			S

Sample ID: L06100615-01AMS	Batch ID: 6482	Test Code: SW6010B	Units: mg/Kg	Analysis Date 10/25/2006 10:13:45 P	Prep Date: 10/18/2006					
Client ID:	Run ID: I2-OPTIMA_061025A	PQL	SPK value	SeqNo: 738696						
Analyte	Result	QQL	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	71.7	0.99	49.6	110	75	125	71.92	0.295	20	
Barium	431.7	5.0	383.2	97.8	75	125	423.8	1.84	20	
Cadmium	48.88	0.099	49.6	97.3	75	125	49.63	1.52	20	
Chromium	64.89	0.99	49.6	96.2	75	125	64.78	0.171	20	
Lead	59.92	0.50	49.6	91.3	75	125	60.37	0.757	20	
Selenium	36.23	2.0	49.6	73	75	125	36.81	1.59	20	S

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
 3

**CLIENT:** ICON Environmental Services  
**Work Order:** L06100617  
**Project:** VPSB White Lake

# QC SUMMARY REPORT

Sample Matrix Spike

Sample ID: L06090775-10AMS Batch ID: 6483 Test Code: SW6010B Units: mg/Kg Analysis Date 10/26/2006 1:52:11 AM Prep Date: 10/18/2006  
 Client ID: L06100617 Run ID: I2-OPTIMA\_061025A SeqNo: 738737

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	62.7	0.99	49.59	8.939	108	75	125	0			
Barium	3319	5.0	49.59	2993	657	75	125	0			S
Cadmium	52.91	0.099	49.59	0.9516	105	75	125	0			
Chromium	105.3	0.99	49.59	49.3	113	75	125	0			
Lead	96.78	0.50	49.59	46.91	101	75	125	0			
Selenium	42.49	2.0	49.59	0	85.7	75	125	0			

Sample ID: L06090775-10AMS Batch ID: 6483 Test Code: SW6010B Units: mg/Kg Analysis Date 10/26/2006 2:01:00 AM Prep Date: 10/18/2006  
 Client ID: L06100617 Run ID: I2-OPTIMA\_061025A SeqNo: 738739

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	57.23	0.99	49.66	7.333	100	75	125	62.7	9.13	20	
Barium	3082	5.0	49.66	2593	984	75	125	3319	7.41	20	S
Cadmium	49.44	0.099	49.66	0.8877	97.8	75	125	52.91	6.78	20	
Chromium	104.7	0.99	49.66	50.83	109	75	125	105.3	0.532	20	
Lead	89.9	0.50	49.66	44	92.4	75	125	96.78	7.37	20	
Selenium	39.39	2.0	49.66	0	79.3	75	125	42.49	7.58	20	

Sample ID: L06100617-01AMS Batch ID: 6480 Test Code: 29B Units: ppm Analysis Date 10/26/2006 9:25:14 PM Prep Date: 10/18/2006  
 Client ID: B-10 (1.5-4) Run ID: I2-OPTIMA\_061025B SeqNo: 739806

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
True Total Barium	9739	47	9416	232.6	101	75	125	0			

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank

**CLIENT:** ICON Environmental Services  
**Work Order:** L06100617  
**Project:** VPSB White Lake

**QC SUMMARY REPORT**  
 Sample Matrix Spike Duplicate

Sample ID: L06100617-01AMS Batch ID: 6480 Test Code: 29B Units: ppm Analysis Date 10/26/2006 9:29:28 PM Prep Date: 10/18/2006  
 Client ID: B-10 (1.5-4) Run ID: I2-OPTIMA\_061025B SeqNo: 739807

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
True Total Barium	9539	47	9346	232.6	99.6	75	125	9739	2.08	20	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Sherry Laboratories/Louisiana

Date: 23-Mar-10

CLIENT: ICON Environmental Services  
 Work Order: L06100617  
 Project: VPSB White Lake

**QC SUMMARY REPORT**  
 Laboratory Control Spike - generic

Sample ID:	LCS LOT # 05F20	Batch ID: 6482	Test Code: SW6010B	Units: mg/Kg	Analysis Date	10/25/2006 9:46:30 PM	Prep Date:				
Client ID:	Run ID:	I2-OPTIMA_061025A	SeqNo:	738692							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.4908	0.010	0.5	0	98.2	75	125	0			
Barium	0.4881	0.050	0.5	0	97.6	75	125	0			
Cadmium	0.4848	0.0010	0.5	0	97	75	125	0			
Chromium	0.4936	0.010	0.5	0	98.7	75	125	0			
Lead	0.4842	0.0050	0.5	0	96.8	75	125	0			
Selenium	0.4967	0.020	0.5	0	99.3	75	125	0			

Sample ID:	LCSD LOT # 05F2	Batch ID: 6482	Test Code: SW6010B	Units: mg/Kg	Analysis Date	10/25/2006 9:51:06 PM	Prep Date:				
Client ID:	Run ID:	I2-OPTIMA_061025A	SeqNo:	738693							
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.5063	0.010	0.5	0	101	75	125	0.4908	3.1	20	
Barium	0.5038	0.050	0.5	0	101	75	125	0.4881	3.16	20	
Cadmium	0.5009	0.0010	0.5	0	100	75	125	0.4848	3.26	20	
Chromium	0.5099	0.010	0.5	0	102	75	125	0.4936	3.24	20	
Lead	0.4948	0.0050	0.5	0	99	75	125	0.4842	2.16	20	
Selenium	0.4982	0.020	0.5	0	99.6	75	125	0.4967	0.293	20	

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank

**CLIENT:** ICON Environmental Services  
**Work Order:** L06100617  
**Project:** VPSB White Lake

**QC SUMMARY REPORT**  
 Laboratory Control Spike - generic

Sample ID:	LCS LOT # 05F20	Batch ID: 6483	Test Code: SW6010B	Units: mg/Kg	Analysis Date: 10/26/2006	Prep Date:					
Client ID:	Run ID: I2-OPTIMA_061025A	SeqNo: 738716									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.4981	0.010	0.5	0	99.6	75	125	0			
Barium	0.4825	0.050	0.5	0	96.5	75	125	0			
Cadmium	0.4836	0.0010	0.5	0	96.7	75	125	0			
Chromium	0.4898	0.010	0.5	0	98	75	125	0			
Lead	0.4753	0.0050	0.5	0	95.1	75	125	0			
Selenium	0.4736	0.020	0.5	0	94.7	75	125	0			

Sample ID:	LCS LOT # 05F2	Batch ID: 6483	Test Code: SW6010B	Units: mg/Kg	Analysis Date: 10/26/2006 12:04:37 A	Prep Date:					
Client ID:	Run ID: I2-OPTIMA_061025A	SeqNo: 738717									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.4881	0.010	0.5	0	97.6	75	125	0.4981	2.03	20	
Barium	0.4815	0.050	0.5	0	96.3	75	125	0.4825	0.202	20	
Cadmium	0.4827	0.0010	0.5	0	96.5	75	125	0.4836	0.198	20	
Chromium	0.4895	0.010	0.5	0	97.9	75	125	0.4898	0.0689	20	
Lead	0.4756	0.0050	0.5	0	95.1	75	125	0.4753	0.0545	20	
Selenium	0.478	0.020	0.5	0	95.6	75	125	0.4736	0.922	20	

Sample ID:	LCS LOT#Y-BA02	Batch ID: 6480	Test Code: 29B	Units: ppm	Analysis Date: 10/18/2006 8:40:04 PM	Prep Date:					
Client ID:	Run ID: I2-OPTIMA_061018B	SeqNo: 735703									
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
True Total Barium	2.209	50	2	0	110	75	125	0			J

**Qualifiers:** ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits  
 S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank





# Sherry Laboratories - Chain of Custody Record

Laboratory Number: **W06100617**

<b>Client Information:</b>	<b>Billing Information:</b>	<b>PO Number:</b>	<b>Page</b> of
Company Name: <b>ICONENIV</b>	Project Name/Number: <b>Relog 6080668</b>	Quote Number:	<b>Matrix Code</b>
Contact Name: <b>Greg Miller</b>	Sampler's Signature:	Required QC Level:	DW = Drinking Water WW = Waste Water GW = Ground Water AQ = Aqueous SL = Sludge O = Oil F = Food NG = Natural Gas NGL = Natural Gas Liquid PW = Produced Water CF = Completion Fluid
City, State Zip:	Ext:	Bill Monthly <input type="checkbox"/> Yes <input type="checkbox"/> No	
Phone Number:	Ext:	Shipping Method: UPS / FedEx / Airborne DHL / Sherry / Hand / Mail	
Fax Number:			
E-mail Address:			

Which Regulations Apply: <input type="checkbox"/> RCRA <input type="checkbox"/> POTW <input type="checkbox"/> NPDES <input type="checkbox"/> USDA/FDA <input type="checkbox"/> RECAP/RISC	Turn Time <input type="checkbox"/> Standard <input checked="" type="checkbox"/> RUSH <input type="checkbox"/> 1 Day <input type="checkbox"/> 2 Day <input type="checkbox"/> Other	(Rush turn times will incur a surcharge and must be pre-approved by lab.)	Container Type P=Plastic, G=Glass, V=Vial	Pres.	Requested Tests						Comments		
					Quantity	HCl, HNO <sub>3</sub> , H <sub>2</sub> SO <sub>4</sub> , NaOH, Na <sub>2</sub> S <sub>2</sub> O <sub>3</sub>	X Bromide	X Pb	X Cd	X Cr		X Pb	X TBA

Relinquished by	Date/Time	Received by	Date/Time	Field Notes:
1				
2				Received at lab on ice: <input type="checkbox"/> Yes <input type="checkbox"/> No Temp:
3				

All samples submitted to Sherry Laboratories for analysis are accepted on a custodial basis only. Ownership of the material remains with the client submitting the samples. Sherry Laboratories reserves the right to return unused sample portions.

9301 Innovation Drive  
Suite 125  
Daleville, IN 47334  
765-378-4103  
Fax: 765-378-4109

629 Washington St.  
Suite 300  
Columbus, IN 47201  
812-375-0531  
Fax: 812-375-0731

5738 Industrial Rd.  
Fort Wayne, In 46825  
260-471-7000  
Fax: 260-471-7777

2417 W. Pinhook Rd  
Lafayette, LA 70508  
337-235-0483  
Fax: 337-233-6540

2129 Willow Street  
Scott, LA 70563  
337-232-3568  
Fax: 337-232-3621



# Sherry Laboratories - Chain of Custody Record

Laboratory Number: **1000806088**

Company Name: **ICON Environmental**  
 Contact Name: **Greg Miller**  
 Address: **1055 Conventier St. 2nd floor**  
 City, State Zip: **Baton Rouge LA 70802**  
 Phone Number: **226-344-8490**  
 Fax Number: **Ext:**  
 E-mail Address: **Ext:**

Billing Information: **SAME**  
 PO Number:  
 Quote Number:  
 Required QC Level:  
 Bill Monthly:  Yes  No  
 Shipping Method: **UPS / FedEx / Airborne**  
**DHL / Sherry / Hand / Mail**

Project Name/Number: **VFSB White Lake**  
 9077-041-0800  
 Sampler's Signature:

Page **1** of **2**  
 Turn Time:  Standard  1 Day  2 Day  Other  
 (Rush turn times will incur a surcharge and must be pre-approved by lab.)

Sample ID/Description	Matrix Code:				Date	Time	Matrix	Quantity	Container	Fits	Requested Tests				
	AQ = Aqueous	SO = Soil	DW = Drinking	O = Oil							TPH-D/O	Metals	% Moisture		
B-6 (3'-10.5')		Grab	SL	8/9/06	13:07	Grab	1	G	none	X	X	X			
B-7 (1'-4')		Grab		8/9/06	13:50	Grab	1	G	none	X	X	X			
B-7 (4'-5')		Grab			13:52	Grab	1	G	none	X	X	X			
B-7 (8'-11')		Grab			13:58	Grab	1	G	none	X	X	X			
B-10 (1.5'-4')		Grab			14:23	Grab	1	G	none	X	X	X			
B-10 (4'-7.5')		Grab			14:26	Grab	1	G	none	X	X	X			
B-9 (0'-0.5')		Grab			14:51	Grab	1	G	none	X	X	X			
B-9 (0.5'-3.5')		Grab			14:54	Grab	1	G	none	X	X	X			
B-9 (7'-8')		Grab			14:58	Grab	1	G	none	X	X	X			
B-9 (8'-9')		Grab	SL		15:01	Grab	1	G	none	X	X	X			

Relinquished by: **Sherry Miller** Date/Time: **8/9/06 17:05**  
 Received by: **Darwin Soria** Date/Time: **8/14/06 17:05**  
 Field Notes:

Received on ice?  Yes  No  
 Temp:

**Metals**  
**As, Ba, Cd**  
**Pb, Se, Sr**  
**TPH-D/O**  
**Method 805B**

All samples submitted to Sherry Laboratories for analysis are accepted on a custodial basis only. Ownership of the material remains with the client submitting the samples. Sherry Laboratories reserves the right to return unused sample portions.

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 Columbus, In 47201  
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 Fax: 812-375-0731

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 337-235-0483  
 Fax: 337-233-6540

6825 E. 38th Street  
 Tulsa, OK 74145  
 918-828-9977  
 Fax: 918-828-7756

Part 1 - Laboratory Copy Part 2 - Report Copy Part 3 - Client's Temporary Copy

6/03



# Sherry Laboratories - Chain of Custody Record

Laboratory Number: **LB00801008**

Company Name: **ICON Environmental**  
 Contact Name: **Greg Miller**  
 Address: **1055 Convention St, 2nd floor**  
 City, State Zip: **Baton Rouge LA 70802**  
 Phone Number: **225-344-8490** Ext:  
 Fax Number:  
 E-mail Address:

Project Name/Number: **VPSB WHITE LAKE**  
 Quote Number: **9077-041-0800**  
 Sampler's Signature: \_\_\_\_\_  
 Required QC Level:  
 Bill Monthly:  Yes  No  
 Shipping Method: **UPS / FedEx / Airborne**  
**DHL / Sherry / Hand / Mail**

PO Number:  
 Quote Number:  
 Required QC Level:  
 Bill Monthly:  Yes  No  
 Shipping Method: **UPS / FedEx / Airborne**  
**DHL / Sherry / Hand / Mail**

Page **2** of **2**  
 Turn Time:  
 Standard  
 1 Day  
 2 Day  
 Other  
 (Rush turn times will incur a surcharge and must be pre-approved by lab.)

Which Regulations Apply: <input type="checkbox"/> RCRA <input type="checkbox"/> POTW <input type="checkbox"/> NPDES <input type="checkbox"/> USDA/FDA <input type="checkbox"/> RECAP/RISC	Matrix Code: AQ = Aqueous DW = Drinking WW = Waste MW = Monit. Well LQ = Liquid	SO = Soil O = Oil SL = Sludge F = Food SW = Swab SOL = Solid	Sample ID/Description		Date	Time	Matrix	Quantity	Container	Pic. #	Requester's Use			Comments
			Sample ID	Description							TPH-D/O	Metals	% Moisture	
<input type="checkbox"/> Other			B-12	(0'-1.5')	8/10/06	10:05	Grab	1	G	none	X	X	X	Metals As, Ba, Cd, Pb, Se, Sr TPH-D/O Method 8015B
<input type="checkbox"/> Other			B-12	(3.5'-5')		10:10	Grab	1	G	none	X	X	X	
<input type="checkbox"/> Other			B-12	(6.5'-7.5')		10:14	Grab	1	G	none	X	X	X	
<input type="checkbox"/> Other			B-13	(8'-5')		12:20	Grab	1	G	none	X	X	X	
<input type="checkbox"/> Other			B-13	(7.5'-9.5')		12:24	Grab	1	G	none	X	X	X	
<input type="checkbox"/> Other							Grab	1	G	none				
<input type="checkbox"/> Other							Grab	1	G	none				
<input type="checkbox"/> Other							Grab	1	G	none				
<input type="checkbox"/> Other							Grab	1	G	none				
<input type="checkbox"/> Other							Grab	1	G	none				

Retrieved by	Date/Time	Retrieved by	Date/Time	Field Notes
<i>Sherry Miller</i>	8/14/06 17:05	<i>Darlene Gura</i>	8-14-06 @	17:05

Received on ice?  Yes  No  
 Temp:

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 Fax: 337-233-6540

6825 E. 38th Street  
 Tulsa, OK 74145  
 918-428-9977  
 Fax: 918-428-7756

**SAMPLE LOG-IN CHECK LIST**

**Chain of Custody**

Yes	No	N/A	Were seals, if present, intact?
Yes	No		Is Chain of Custody complete? If no, please comment below.
			How was the sample delivered? Sherry FedEx UPS <u>Hand</u> Other: _____

**Log In**

<u>Yes</u>	No		Was an attempt made to cool the samples? Temperature: <u>4</u> _____ Ambient
<u>Yes</u>	No	N/A	Are samples properly preserved?
			If preservative added to bottles, which bottles? _____
Yes	No	<u>N/A</u>	Is the headspace in the VOA vials less than ¼ inch or 6 mm?
Yes	No	<u>N/A</u>	Are VOA vials preserved with HCl?
<u>Yes</u>	No		Does paperwork match bottle labels? (Note discrepancies on Chain of Custody)
<u>Yes</u>	No		Are matrices correctly identified on Chain of Custody?
<u>Yes</u>	No		Is it clear what analyses were requested?
<u>Yes</u>	No		Are we able to meet all holding times? (If no, notify customer for authorization.)

**Special Handling (if applicable)**

Yes	No	N/A	Was client notified of all discrepancies with this order? Person notified: _____ Date: _____ Time: _____ By whom? _____ Via: Phone Fax In Person Regarding: _____ Report / Do Not Report
Yes	No	N/A	Was other special handling completed? Explain: _____

**Notes:**

No sampler signature  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Customer: Icona Laboratory Work Order # 6080668

Log In Signature: [Signature] Date: 8-14-06 Time: 1205



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(800) 737-2378

2417 West Pinhook Road  
Lafayette, LA 70508-3344  
Telephone (337) 235-0483

Greg Miller  
ICON Environmental Services  
1055 Convention Street, 2nd Floor  
Baton Rouge, LA 708024771  
TEL: (225) 344-8490  
FAX (225) 344-6654

March 23, 2010  
Order No.: L06100616

RE: VPSB White Lake

Dear Greg Miller:

Sherry Laboratories/Louisiana received 12 samples on 8/14/2006 for the analyses presented in the following report.

In accordance with your instructions, Sherry Laboratories/Louisiana conducted the analysis shown on the following pages on samples submitted by your company. The results related only to the items tested. Unless otherwise noted, all analyses were conducted using EPA approved methodologies and all test results meet all requirements of NELAC. All relevant sampling information is on the attached Chain-of-Custody form. A "#" by the test method indicates this parameter is outside the scope of accreditation.

All soil samples except 29-B data are on a wet-weight basis unless otherwise indicated.

Louisiana Certification/Accreditation: 01997

A scope of Certified/Accredited parameters is available upon request.

If you have any questions regarding these test results, please feel free to call.

Sincerely,  
Jerry Landry  
Laboratory Director

Approved By: \_\_\_\_\_

  
Annie Reedy  
Assistant Laboratory Director

Total Pages in this Report \_\_\_\_\_



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(337) 235-0483

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Lafayette LA 70598-1816  
Fax: (337) 233-6540  
(800) 737-2378

**Date:** 23-Mar-10

---

**CLIENT:** ICON Environmental Services  
**Project:** VPSB White Lake  
**Lab Order:** L06100616

## CASE NARRATIVE

Unless specified by the client, a duplicate or MS/MSD, wherever applicable, is randomly selected and analyzed from each analytical batch provided sample volume is sufficient. The sample chosen for duplicate or MS/MSD may or may not be a sample submitted in this workorder. A method blank and/or a lab control sample (LCS)/lab control sample duplicate (LCSD), wherever applicable, are processed as a quality control check for each analytical batch. When the matrix QC data is not available due to insufficient sample volume or when the results indicate possible matrix effect, the validity of the batch is determined by the method blank and LCS/LCSD.

Any other exceptions associated with this report will be footnoted in the results page(s) or the QC summary page(s).

The Leachable Chloride sample was prepared outside of the holding time by Sherry Laboratories and analyzed by Southern Petroleum Laboratories - Lafayette. Their report is attached in its entirety.

3/23/10 This report is being re-issued and replaces in its entirety the originally submitted report dated 11/10/06. At the request of the client, the metals data was corrected to a dry weight basis.



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**CLIENT:** ICON Environmental Services  
**Lab Order:** L06100616  
**Project:** VPSB White Lake

**Date Received:** 8/14/2006  
**Date Reported:** 23-Mar-10

**Lab ID:** L06100616-01 **Collection Date:** 8/9/2006 11:10:00 AM **Sample ID:** B-3 (9-12)  
**Matrix:** SOIL **Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
METALS IN SOIL OR SLUDGE BY ICP						STS
Arsenic	20.0	2.11		mg/Kg-dry	10/25/2006 10:22:21 PM	
						SW6010B

**Qualifiers:**

- +DO - Diluted out due to dilution
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- \* - Value exceeds MCL or Permit Limitation

- S - Spike Recovery outside accepted recovery limits
- R - RPD outside accepted recovery limits
- MI+ - Matrix Interference
- H - Exceeds Holding Time





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**CLIENT:** ICON Environmental Services

**Lab Order:** L06100616

**Project:** VPSB White Lake

**Date Received:** 8/14/2006

**Date Reported:** 23-Mar-10

**Lab ID:** L06100616-02    **Collection Date:** 8/9/2006 11:06:00 AM    **Sample ID:** B-3 (4-7)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>						<b>STS</b>
Arsenic	102	3.37		mg/Kg-dry	10/25/2006 10:26:43 PM	

<b>Qualifiers:</b>	+DO - Diluted out due to dilution	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	MI+ - Matrix Interference
	* - Value exceeds MCL or Permit Limitation	H - Exceeds Holding Time



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**CLIENT:** ICON Environmental Services

**Lab Order:** L06100616

**Date Received:** 8/14/2006

**Project:** VPSB White Lake

**Date Reported:** 23-Mar-10

**Lab ID:** L06100616-03    **Collection Date:** 8/9/2006 11:37:00 AM    **Sample ID:** B-5 (0-1.5)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>						
Arsenic	22.6	3.42		mg/Kg-dry	10/25/2006 10:31:20 PM	STS

<b>Qualifiers:</b>	+DO - Diluted out due to dilution	S - Spike Recovery outside accepted recovery limits
	J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	MI+ - Matrix Interference
	* - Value exceeds MCL or Permit Limitation	H - Exceeds Holding Time



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**CLIENT:** ICON Environmental Services  
**Lab Order:** L06100616  
**Project:** VPSB White Lake

**Date Received:** 8/14/2006  
**Date Reported:** 23-Mar-10

**Lab ID:** L06100616-04    **Collection Date:** 8/9/2006 11:43:00 AM    **Sample ID:** B-5 (4-5.5)  
**Matrix:** SOIL    **Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
METALS IN SOIL OR SLUDGE BY ICP						
Arsenic	10.2	2.39		mg/Kg-dry	10/25/2006 10:35:40 PM	STS

- Qualifiers:**
- +DO - Diluted out due to dilution
  - J - Analyte detected below quantitation limits
  - B - Analyte detected in the associated Method Blank
  - \* - Value exceeds MCL or Permit Limitation
  - S - Spike Recovery outside accepted recovery limits
  - R - RPD outside accepted recovery limits
  - MI+ - Matrix Interference
  - H - Exceeds Holding Time



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**CLIENT:** ICON Environmental Services  
**Lab Order:** L06100616  
**Project:** VPSB White Lake

**Date Received:** 8/14/2006  
**Date Reported:** 23-Mar-10

**Lab ID:** L06100616-05 **Collection Date:** 8/9/2006 11:50:00 AM **Sample ID:** B-5 (8-10)  
**Matrix:** SOIL **Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
METALS IN SOIL OR SLUDGE BY ICP						STS
Arsenic	11.4	2.45		mg/Kg-dry	10/25/2006 10:40:14 PM	

**Qualifiers:**

+DO - Diluted out due to dilution	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	MI+ - Matrix Interference
* - Value exceeds MCL or Permit Limitation	H - Exceeds Holding Time



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**CLIENT:** ICON Environmental Services

**Lab Order:** L06100616

**Project:** VPSB White Lake

**Date Received:** 8/14/2006

**Date Reported:** 23-Mar-10

**Lab ID:** L06100616-06 **Collection Date:** 8/9/2006 12:36:00 PM **Sample ID:** B-4 (0-1)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>						
Arsenic	40.4	4.59		mg/Kg-dry	10/25/2006 10:44:32 PM	STS

**Qualifiers:** +DO - Diluted out due to dilution  
 J - Analyte detected below quantitation limits  
 B - Analyte detected in the associated Method Blank  
 \* - Value exceeds MCL or Permit Limitation

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits  
 MI+ - Matrix Interference  
 H - Exceeds Holding Time



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**CLIENT:** ICON Environmental Services  
**Lab Order:** L06100616  
**Project:** VPSB White Lake

**Date Received:** 8/14/2006  
**Date Reported:** 23-Mar-10

**Lab ID:** L06100616-07 **Collection Date:** 8/9/2006 12:40:00 PM **Sample ID:** B-4 (3-5)  
**Matrix:** SOIL **Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>						<b>STS</b>
Arsenic	13.6	2.10		mg/Kg-dry	10/25/2006 10:49:06 PM	

- Qualifiers:**
- +DO - Diluted out due to dilution
  - J - Analyte detected below quantitation limits
  - B - Analyte detected in the associated Method Blank
  - \* - Value exceeds MCL or Permit Limitation
  - S - Spike Recovery outside accepted recovery limits
  - R - RPD outside accepted recovery limits
  - MI+ - Matrix Interference
  - H - Exceeds Holding Time



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**CLIENT:** ICON Environmental Services

**Lab Order:** L06100616

**Project:** VPSB White Lake

**Date Received:** 8/14/2006

**Date Reported:** 23-Mar-10

**Lab ID:** L06100616-08 **Collection Date:** 8/9/2006 12:42:00 PM **Sample ID:** B-4 (5-8)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>						
Arsenic	26.8	5.73		mg/Kg-dry	10/25/2006 11:02:13 PM	STS

- Qualifiers:**
- +DO - Diluted out due to dilution
  - J - Analyte detected below quantitation limits
  - B - Analyte detected in the associated Method Blank
  - \* - Value exceeds MCL or Permit Limitation
  - S - Spike Recovery outside accepted recovery limits
  - R - RPD outside accepted recovery limits
  - MI+ - Matrix Interference
  - H - Exceeds Holding Time



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**CLIENT:** ICON Environmental Services  
**Lab Order:** L06100616  
**Project:** VPSB White Lake

**Date Received:** 8/14/2006  
**Date Reported:** 23-Mar-10

**Lab ID:** L06100616-09    **Collection Date:** 8/9/2006 3:30:00 PM    **Sample ID:** B-8 (5-5.7)  
**Matrix:** SOIL    **Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
METALS IN SOIL OR SLUDGE BY ICP						STS
Arsenic	12.7	2.28		mg/Kg-dry	10/25/2006 11:06:47 PM	

**Qualifiers:**

+DO - Diluted out due to dilution	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	MI+ - Matrix Interference
* - Value exceeds MCL or Permit Limitation	H - Exceeds Holding Time





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**CLIENT:** ICON Environmental Services

**Lab Order:** L06100616

**Project:** VPSB White Lake

**Date Received:** 8/14/2006

**Date Reported:** 23-Mar-10

**Lab ID:** L06100616-10    **Collection Date:** 8/9/2006 3:36:00 PM    **Sample ID:** B-8 (9.5-11.5)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>						<b>STS</b>
Arsenic	9.17	1.48		mg/Kg-dry	10/25/2006 11:11:20 PM	

- |                    |   |   |
|--------------------|---|---|
| <b>Qualifiers:</b> | +DO - Diluted out due to dilution                   | S - Spike Recovery outside accepted recovery limits |
|                    | J - Analyte detected below quantitation limits      | R - RPD outside accepted recovery limits            |
|                    | B - Analyte detected in the associated Method Blank | MI+ - Matrix Interference                           |
|                    | * - Value exceeds MCL or Permit Limitation          | H - Exceeds Holding Time                            |



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**CLIENT:** ICON Environmental Services

**Lab Order:** L06100616

**Date Received:** 8/14/2006

**Project:** VPSB White Lake

**Date Reported:** 23-Mar-10

**Lab ID:** L06100616-11 **Collection Date:** 8/10/2006 9:18:00 AM **Sample ID:** B-15 (4-6)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>						
Arsenic	12.8	2.37		mg/Kg-dry	10/25/2006 11:15:38 PM	STS

**Qualifiers:**

+DO - Diluted out due to dilution	S - Spike Recovery outside accepted recovery limits
J - Analyte detected below quantitation limits	R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank	MI+ - Matrix Interference
* - Value exceeds MCL or Permit Limitation	H - Exceeds Holding Time



2417 West Pinhook Road  
 Lafayette LA 70508-3344  
 (337) 235-0483

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P.O. Box 81816  
 WWW.SHERRYLABS.COM  
 Lafayette LA 70598-1816  
 Fax: (337) 233-6540  
 (800) 737-2378

**CLIENT:** ICON Environmental Services

**Lab Order:** L06100616

**Project:** VPSB White Lake

**Date Received:** 8/14/2006

**Date Reported:** 23-Mar-10

**Lab ID:** L06100616-12 **Collection Date:** 8/10/2006 9:22:00 AM **Sample ID:** B-15 (8-11.5)

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>						<b>STS</b>
Arsenic	13.5	1.92		mg/Kg-dry	10/25/2006 11:20:12 PM	

- Qualifiers:**
- +DO - Diluted out due to dilution
  - J - Analyte detected below quantitation limits
  - B - Analyte detected in the associated Method Blank
  - \* - Value exceeds MCL or Permit Limitation
  - S - Spike Recovery outside accepted recovery limits
  - R - RPD outside accepted recovery limits
  - MI+ - Matrix Interference
  - H - Exceeds Holding Time

Sherry Laboratories/Louisiana

Date: 23-Mar-10

CLIENT: ICON Environmental Services  
Work Order: L06100616  
Project: VPSB White Lake

QC SUMMARY REPORT  
Method Blank

Sample ID: MBLK Batch ID: 6482 Test Code: SW6010B Units: mg/Kg Analysis Date 10/25/2006 9:42:19 PM Prep Date:  
Client ID: Run ID: 12-OPTIMA\_061025A SeqNo: 738691  
Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual  
Arsenic < 0.010 0.010

Qualifiers: ND - Not Detected at the Reporting Limit  
J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Sherry Laboratories/Louisiana

Date: 23-Mar-10

CLIENT: ICON Environmental Services  
 Work Order: L06100616  
 Project: VPSB White Lake

**QC SUMMARY REPORT**  
 Sample Matrix Spike

Sample ID: L06100615-01AMS Batch ID: 6482 Test Code: SW6010B Units: mg/Kg Analysis Date 10/25/2006 10:09:28 P Prep Date: 10/18/2006  
 Client ID: Run ID: I2-OPTIMA\_061025A SeqNo: 738695  
 Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual  
 Arsenic 71.92 0.99 49.63 17.36 110 75 125 0

Sample ID: L06100615-01AMS Batch ID: 6482 Test Code: SW6010B Units: mg/Kg Analysis Date 10/25/2006 10:13:45 P Prep Date: 10/18/2006  
 Client ID: Run ID: I2-OPTIMA\_061025A SeqNo: 738696  
 Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual  
 Arsenic 71.7 0.99 49.6 17.36 110 75 125 71.92 0.295 20

**Qualifiers:** ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank  
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits

Sherry Laboratories/Louisiana

Date: 23-Mar-10

CLIENT: ICON Environmental Services  
 Work Order: L06100616  
 Project: VPSB White Lake

**QC SUMMARY REPORT**  
 Laboratory Control Spike - generic

Sample ID: LCS LOT # 05F20 Batch ID: 6482 Test Code: SW6010B Units: mg/Kg Analysis Date 10/25/2006 9:46:30 PM Prep Date:  
 Client ID: Run ID: I2-OPTIMA\_061025A SeqNo: 738692

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.4908	0.010	0.5	0	98.2	75	125	0			

Sample ID: LCSD LOT # 05F2 Batch ID: 6482 Test Code: SW6010B Units: mg/Kg Analysis Date 10/25/2006 9:51:06 PM Prep Date:  
 Client ID: Run ID: I2-OPTIMA\_061025A SeqNo: 738693

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.5063	0.010	0.5	0	101	75	125	0.4908	3.1	20	

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
 3









# Sherry Laboratories - Chain of Custody Record

Laboratory Number: **1000800000**

Client Information: **ICON Environmental**  
 Company Name: **Greg Miller**  
 Address: **1055 Convention St. 2nd floor**  
 City, State Zip: **Baton Rouge LA 70802**  
 Phone Number: **225-341-8490** Ext:  
 Fax Number:  
 E-mail Address:

Billing Information: **SAME**  
 PO Number:  
 Quote Number:  
 Required QC Level:  
 Bill Monthly:  Yes  No  
 Shipping Method: **UPS / FedEx / Airborne**  
**DHL / Sherry / Hand / Mail**

Project Name/Number: **VPSB White Lake**  
 9077-041-0800  
 Sampler's Signature:  
 Turn Time:  Standard  1 Day  2 Day  Other  
 (Rush turn times will incur a surcharge and must be pre-approved by lab.)

Page 1 of 2

Sample ID/Description	Date	Time	Matrix Code	Which Regulations Apply:				Container	Pres	Requested Test	Comments
				<input type="checkbox"/> RCRA	<input type="checkbox"/> Drinking Water	<input type="checkbox"/> POTW	<input type="checkbox"/> Distribution				
<del>B-3 (0'-1')</del>			Grab					G	none	X	5lb removed
B-3 (9'-12')	8/4/06	1110	Grab SL					G	none	X	
B-3 (4'-7')	8/4/06	1106	Grab SL					G	none	X	
B-5 (0'-1.5')	8/4/06	1137	Grab SL					G	none	X	
B-5 (4'-5.5')	8/4/06	1143	Grab SL					G	none	X	
B-5 (8'-10')	8/4/06	1150	Grab SL					G	none	X	
B-4 (0'-1')	8/4/06	1236	Grab SL					G	none	X	
B-4 (3'-5')	8/4/06	1240	Grab SL					G	none	X	
B-4 (5'-8')	8/4/06	1242	Grab SL					G	none	X	
B-6 (1.5'-3')	8/4/06	1305	Grab SL					G	none	X	

Requisitioned by: **Sherry Lab Corp** Date/Time: **8/4/06 1705**  
 Received by: **Darlene Sma** Date/Time: **8/14/06 17:05**  
 Received on ice?  Yes  No  
 Temp:

All samples submitted to Sherry Laboratories for analysis are accepted on a custodial basis only. Ownership of the material remains with the client submitting the samples. Sherry Laboratories reserves the right to return unused sample portions.

2203 S. Madison St. Muncie, IN 47302 765-747-9000 Fax: 765-747-0228  
 629 Washington St. Suite 300 Columbus, IN 47201 812-375-0531 Fax: 812-375-0731  
 5738 Industrial Rd. Fort Wayne, IN 46825 260-471-7000 Fax: 260-471-7777  
 2417 W. Pinhook Rd. Lafayette, LA 70508 337-235-6483 Fax: 337-233-6540  
 6825 E. 38th Street Tulsa, OK 74145 918-828-9977 Fax: 918-828-7756

Part 1 - Laboratory Copy Part 2 - Report Copy Part 3 - Client's Temporary Copy



# Sherry Laboratories - Chain of Custody Record

Laboratory Number: **106080007**

Client Information: **ICON Environmental**  
**Greg Miller**  
**1065 Convention St.**  
**2nd floor**  
**Baton Rouge LA 70802**  
**225-344-8490** Ext:

Billing Information: PO Number: \_\_\_\_\_ Quote Number: \_\_\_\_\_ Required QC Level: \_\_\_\_\_

Project Name/Number: **VPSB White Lake**  
**9077-040-0800**  
 Sampler's Signature: \_\_\_\_\_

Turn Time: **Page 2 of 2**  
 Standard  
 1 Day  
 2 Day  
 Other  
 (Rush turn times will incur a surcharge and must be pre-approved by lab.)

Shipping Method: **UPS / FedEx / Airborne**  
 Yes  
 No  
**DHL / Sherry / Hand / Mail**

Ext: \_\_\_\_\_  
 City, State Zip: \_\_\_\_\_  
 Phone Number: \_\_\_\_\_  
 Fax Number: \_\_\_\_\_  
 E-mail Address: \_\_\_\_\_

Sample ID/Description	Date	Time	Matrix	Matrix Code:		Container		Pres		Requested Tests		Comments
				AQ = Aqueous	SO = Soil	Type	Volume	SO	MO	TPH-D/O	Metals	
B-8 (5.5'-7.0')	8/9/06	1530	Grab	SL	G	none	none	X	X	X		Metals As, Ba, Cd, Pb, Se, Sr TPH-D/O Method 8015B
B-8 (9.5'-11.5')	8/9/06	1536	Grab	SL	G	none	none	X	X	X		
B-15 (4'-6')	8/10/06	0918	Grab	SL	G	none	none	X	X	X		
B-15 (8'-11.5')	8/10/06	0922	Grab	SL	G	none	none	X	X	X		
B-14 (0'-1')	8/10/06	0940	Grab	SL	G	none	none	X	X	X		
B-14 (4'-8')	8/10/06	0949	Grab	SL	G	none	none	X	X	X		

Retransmitted by: **Sherry Miller** Date/Time: **8/14/06 1705**  
 Received by: **Danling Sun** Date/Time: **8/14/06 1705**

Received on ice?  Yes  No  
 Temp: \_\_\_\_\_

All samples submitted to Sherry Laboratories for analysis are accepted on a custodial basis only. Ownership of the material remains with the client submitting the samples. Sherry Laboratories reserves the right to return unused sample portions.

2203 S. Madison St.  
 Muncie, IN 47302  
 765-747-9000  
 Fax: 765-747-0228

629 Washington St.  
 Suite 300  
 Columbus, IN 47201  
 812-375-0531  
 Fax: 812-375-0731

2417 W. Pinhook Rd.  
 Lafayette, LA 70508  
 337-235-0483  
 Fax: 337-233-6540

6825 E. 38th Street  
 Tulsa, OK 74145  
 918-828-9977  
 Fax: 918-828-7756

Part 1 - Laboratory Copy Part 2 - Report Copy Part 3 - Client's Temporary Copy

**SAMPLE LOG-IN CHECK LIST**

**Chain of Custody**

Yes	No	N/A	Were seals, if present, intact?
Yes	No		Is Chain of Custody complete? If no, please comment below.
			How was the sample delivered? Sherry FedEx UPS Hand Other: _____

**Log In**

Yes	No		Was an attempt made to cool the samples? Temperature: <u>4</u> Ambient
Yes	No	N/A	Are samples properly preserved?
			If preservative added to bottles, which bottles? _____
Yes	No	N/A	Is the headspace in the VOA vials less than 1/4 inch or 6 mm?
Yes	No	N/A	Are VOA vials preserved with HCl?
Yes	No		Does paperwork match bottle labels? (Note discrepancies on Chain of Custody)
Yes	No		Are matrices correctly identified on Chain of Custody?
Yes	No		Is it clear what analyses were requested?
Yes	No		Are we able to meet all holding times? (If no, notify customer for authorization.)

**Special Handling (if applicable)**

Yes	No	N/A	Was client notified of all discrepancies with this order?
			Person notified: _____ Date: _____ Time: _____
			By whom? _____ Via: Phone Fax In Person
			Regarding: _____ Report / Do Not Report
Yes	No	N/A	Was other special handling completed? Explain: _____

Notes:

No sampler signature  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Customer: ICOW Laboratory Work Order # 160806067

Log In Signature: [Signature] Date: 8-14-00 Time: 1705



LAFAYETTE LABORATORY  
 500 AMBASSADOR CAFFERY PARKWAY  
 SCOTT, LA 70583  
 (337) 237-4775

Case Narrative for:  
**SHERRY LABORATORIES**

Certificate of Analysis Number:  
**06110058**

<p><b>Report To:</b></p> <p>SHERRY LABORATORIES          ANNIE REEDY          2417 WEST PINHOOK RD.</p> <p>LAFAYETTE          LA          70508-          ph: (337) 235-0483      fax:</p>	<p><b>Project Name:</b> SHERRY LABS-PINHOOK</p> <p><b>Site:</b> L06100616</p> <p><b>Site Address:</b></p> <p><b>PO Number:</b></p> <p><b>State:</b> Louisiana</p> <p><b>State Cert. No.:</b> 02048</p> <p><b>Date Reported:</b> 11/7/2006</p>
--	---

Matrix spike (MS) and matrix spike duplicate (MSD) samples are chosen and tested at random from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. Since the MS and MSD are chosen at random from an analytical batch, the sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The Laboratory Control Sample (LCS) and the Method Blank (MB) are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

Any other exceptions associated with this report will be footnoted in the analytical result page(s) or the quality control summary page(s).

Please do not hesitate to contact us if you have any questions or comments pertaining to this data report. Please reference the above Certificate of Analysis Number.

This report shall not be reproduced except in full, without the written approval of the laboratory. The reported results are only representative of the samples submitted for testing.

SPL, Inc. is pleased to be of service to you. We anticipate working with you in fulfilling all your current and future analytical needs.

TOTAL NUMBER OF PAGES IN THIS REPORT: 8 PAGES

*Ralph E. Frye*  
 Ralph E. Frye  
 Project Manager



LAFAYETTE LABORATORY  
 500 AMBASSADOR CAFFERY PARKWAY  
 SCOTT, LA 70583  
 (337) 237-4775

**SHERRY LABORATORIES**

Certificate of Analysis Number:

**06110058**

**Report To:** SHERRY LABORATORIES  
 ANNIE REEDY  
 2417 WEST PINHOOK RD.  
  
 LAFAYETTE  
 LA  
 70508-  
 ph: (337) 235-0483 fax: (337) 233-6540

**Project Name:** SHERRY LABS-PINHOOK  
**Site:** L06100616  
**Site Address:**  
  
**PO Number:**  
**State:** Louisiana  
**State Cert. No.:** 02048  
**Date Reported:** 11/7/2006

**Fax To:**

Client Sample ID	Lab Sample ID	Matrix	Date Collected	Date Received	COC ID	HOLD
B-15 (8-11.5)	06110058-01	Leachate	8/9/2006 9:22:00 AM	11/1/2006 4:30:00 PM		<input type="checkbox"/>

Ralph E. Frye  
 ProjectManager

11/7/2006  
 Date

Ron Benjamin  
 Laboratory Director  
  
 Tristan Davis  
 Quality Assurance Officer



LAFAYETTE LABORATORY  
500 AMBASSADOR CAFFERY PARKWAY  
SCOTT, LA 70583  
(337)237-4775

Client Sample ID: B-15 (8-11.5) Collected: 08/09/2006 9:22 SPL Sample ID: 06110058-01

Site: L06100616

Analyses/Method	Result	QUAL	Rep.Limit	Dil. Factor	Date Analyzed	Analyst	Seq. #
<b>LDNR LEACHABLE CHLORIDES ANALYSIS VIA SW846 9253</b>				<b>MCL</b>	<b>SW9253</b>	<b>Units: mg/L</b>	
Chloride	1310		5	1	11/07/06 10:00	PFB	2019371

**Qualifiers:** ND/U - Not Detected at the Reporting Limit >MCL - Result Over Maximum Contamination Limit(MCL)  
B - Analyte detected in the associated Method Blank D - Surrogate Recovery Unreportable due to Dilution  
\* - Surrogate Recovery Outside Advisable QC Limits MI - Matrix Interference  
J - Estimated Value between MDL and PQL  
TNTC - Too numerous to count

# *Quality Control Documentation*



Quality Control Report

LAFAYETTE LABORATORY
500 AMBASSADOR CAFFERY PARKWAY
SCOTT, LA 70583
(337) 237-4775

SHERRY LABORATORIES
SHERRY LABS-PINHOOK

Analysis: LDNR Leachable Chlorides Analysis via SW846 9253
Method: SW9253

WorkOrder: 06110058
Lab Batch ID: R139763

Method Blank

Samples in Analytical Batch:

RunID: WET\_061107J-2019360 Units: mg/L
Analysis Date: 11/07/2006 10:00 Analyst: PFB

Lab Sample ID Client Sample ID
06110058-01A B-15 (8-11.5)

Table with 3 columns: Analyte, Result, Rep Limit. Row: Chloride, ND, 5.0

Laboratory Control Sample (LCS)

RunID: WET\_061107J-2019361 Units: mg/L
Analysis Date: 11/07/2006 10:00 Analyst: PFB

Table with 6 columns: Analyte, Spike Added, Result, Percent Recovery, Lower Limit, Upper Limit. Row: Chloride, 150.0, 147.3, 98.20, 90, 110

Sample Duplicate

OriginalSample: 06110058-01
RunID: WET\_061107J-2019371 Units: mg/L
Analysis Date: 11/07/2006 10:00 Analyst: PFB

Table with 5 columns: Analyte, Sample Result, DUP Result, RPD, RPD Limit. Row: Chloride, 1310, 1349, 2.63, 20

Qualifiers: ND/U - Not Detected at the Reporting Limit MI - Matrix Interference
B - Analyte detected in the associated Method Blank D - Recovery Unreportable due to Dilution
J - Estimated value between MDL and PQL \* - Recovery Outside Advisable QC Limits
N/C - Not Calculated - Sample concentration is greater than 4 times the amount of spike added. Control limits do not apply.
TNTC - Too numerous to count

QC results presented on the QC Summary Report have been rounded. RPD and percent recovery values calculated by the SPL LIMS system are derived from QC data prior to the application of rounding rules.



*Sample Receipt Checklist  
And  
Chain of Custody*



LAFAYETTE LABORATORY  
500 AMBASSADOR CAFFERY PARKWAY  
SCOTT, LA 70583  
(337) 237-4775

**Sample Receipt Checklist**

Workorder:	06110058	ReceivedBy:	AJB
Date and Time Received:	11/1/2006 4:30:00 PM	Carriername:	Client Drop Off
Temperature:	5C°C	Chilled by:	Water Ice

- 1. Shipping container/cooler in good condition? Yes  No  NotPresent
- 2. Custody seals intact on shipping container/cooler? Yes  No  NotPresent
- 3. Custody seals intact on sample bottles? Yes  No  NotPresent
- 4. Chain of custody present? Yes  No
- 5. Chain of custody signed when relinquished and received? Yes  No
- 6. Chain of custody agrees with sample labels? Yes  No
- 7. Samples in proper container/bottle? Yes  No
- 8. Sample containers intact? Yes  No
- 9. Sufficient sample volume for indicated test? Yes  No
- 10. All samples received within holding time? Yes  No
- 11. Container/Temp Blank temperature in compliance? Yes  No
- 12. Water - VOA vials have zero headspace? Yes  No  VOA Vials Not Present
- 13. Water - Preservation checked upon receipt (except VOA\*)? Yes  No  NotApplicable

\*VOA Preservation Checked After Sample Analysis

SPL Representative:

Contact Date & Time:

Client Name Contacted:

Non Conformance Issues:

Client Instructions:

06110058

**Sherry Laboratories/Louisiana**  
2417 West Pinhook Road  
Lafayette, LA 70508-3344  
(337) 235-0483

# CHAIN-OF-CUSTODY RECORD

**Subcontractor:** SPL, Inc  
500 Ambassador Caffery Parkway  
Lafayette, LA 70508-3344  
(337) 235-0483

**TEL:** (337) 237-4775  
**FAX:** (337) 237-8005

**Acct #:** Scott, LA 70583

**01-Nov-06**

Client Sample ID	Lab ID	Matrix	Collection Date	Bottle Type	Number of Containers	Requested Tests
B-15 (8-11.5)	L06100616-12B	Soil	8/9/2006 9:22:00 AM	2LHDPE	1	LEACHATECHLOR

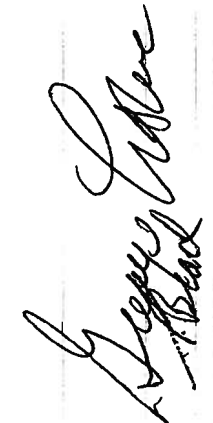
*Client drop  
No C.S.  
Temp = 5.0c  
J*

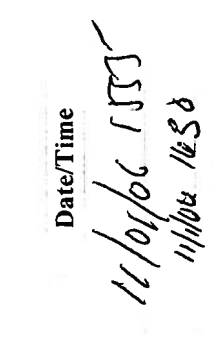
**Comments:** Sample all ready prep Leachate chloride by 9253

Use Client Sample ID(s) on reports.  
Valid LELAP Certification required.

**Relinquished by:**  **Date/Time:** 11/10/06

**Relinquished by:**  **Date/Time:** 11/01/06

**Received by:**  **Date/Time:** 11/10/06 1:55P

**Received by:**  **Date/Time:** 11/10/06 1:30



2417 West Pinhook Road  
Lafayette, LA 70508-3344  
Telephone (337) 235-0483

Greg Miller  
ICON Environmental Services  
1055 Convention Street, 2nd Floor  
Baton Rouge, LA 708024771  
TEL: (225) 344-8490  
FAX (225) 344-6654

March 23, 2010  
Order No.: L06100615

RE: VPSB White Lake

Dear Greg Miller:

Sherry Laboratories/Louisiana received 2 samples on 8/14/2006 for the analyses presented in the following report.

In accordance with your instructions, Sherry Laboratories/Louisiana conducted the analysis shown on the following pages on samples submitted by your company. The results related only to the items tested. Unless otherwise noted, all analyses were conducted using EPA approved methodologies and all test results meet all requirements of NELAC. All relevant sampling information is on the attached Chain-of-Custody form. A "#" by the test method indicates this parameter is outside the scope of accreditation.

All soil samples except 29-B data are on a wet-weight basis unless otherwise indicated.

Louisiana Certification/Accreditation: 01997

A scope of Certified/Accredited parameters is available upon request.

If you have any questions regarding these test results, please feel free to call.

Sincerely,  
Jerry Landry  
Laboratory Director

Approved By:   
Annie Reedy  
Assistant Laboratory Director

Total Pages in this Report 10

2417 West Pinhook Road  
Lafayette LA 70508-3344  
(337) 235-0483

P O Box 81816  
Lafayette LA 70598-1816  
Fax: (337) 233-6540  
(800) 737-2378

**Date:** 23-Mar-10

---

**CLIENT:** ICON Environmental Services  
**Project:** VPSB White Lake  
**Lab Order:** L06100615

## CASE NARRATIVE

---

Unless specified by the client, a duplicate or MS/MSD, wherever applicable, is randomly selected and analyzed from each analytical batch provided sample volume is sufficient. The sample chosen for duplicate or MS/MSD may or may not be a sample submitted in this workorder. A method blank and/or a lab control sample (LCS)/lab control sample duplicate (LCSD), wherever applicable, are processed as a quality control check for each analytical batch. When the matrix QC data is not available due to insufficient sample volume or when the results indicate possible matrix effect, the validity of the batch is determined by the method blank and LCS/LCSD.

Any other exceptions associated with this report will be footnoted in the results page(s) or the QC summary page(s).

3/23/10 This report is being re-issued and replaces in its entirety the originally submitted report dated 11/10/06. At the request of the client, the metals data was corrected to a dry weight basis.



2417 West Pinhook Road  
 Lafayette LA 70508-3344  
 (337) 235-0483

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P.O. Box 81816  
 www.SHERRYLABS.COM  
 Lafayette LA 70598-1816  
 Fax: (337) 233-6540  
 (800) 737-2378

**CLIENT:** ICON Environmental Services

**Lab Order:** L06100615

**Date Received:** 8/14/2006

**Project:** VPSB White Lake

**Date Reported:** 23-Mar-10

**Lab ID:** L06100615-01    **Collection Date:** 8/8/2006 4:12:00 PM    **Sample ID:** B-2 (6-8')

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>						<b>STS</b>
Arsenic	130	7.40		mg/Kg-dry	10/25/2006 9:55:43 PM	

**Qualifiers:**    +DO - Diluted out due to dilution    S - Spike Recovery outside accepted recovery limits  
 J - Analyte detected below quantitation limits    R - RPD outside accepted recovery limits  
 B - Analyte detected in the associated Method Blank    MI+ - Matrix Interference  
 \* - Value exceeds MCL or Permit Limitation    H - Exceeds Holding Time



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Lafayette LA 70598-1816  
Fax: (337) 233-6540  
(800) 737-2378

**CLIENT:** ICON Environmental Services

**Lab Order:** L06100615

**Project:** VPSB White Lake

**Date Received:** 8/14/2006

**Date Reported:** 23-Mar-10

**Lab ID:** L06100615-02    **Collection Date:** 8/8/2006 4:20:00 PM    **Sample ID:** B-2 (10-10.5')

**Matrix:** SOIL

**Tag Number:**

<u>Analyses</u>	<u>Result</u>	<u>Detection Limit</u>	<u>Qual</u>	<u>Units</u>	<u>Date Analyzed</u>	<u>Analyst</u>
<b>METALS IN SOIL OR SLUDGE BY ICP</b>						<b>STS</b>
Arsenic	69.3	1.37		mg/Kg-dry	10/25/2006 10:18:02 PM	

- |                    |   |   |
|--------------------|---|---|
| <b>Qualifiers:</b> | +DO - Diluted out due to dilution                   | S - Spike Recovery outside accepted recovery limits |
|                    | J - Analyte detected below quantitation limits      | R - RPD outside accepted recovery limits            |
|                    | B - Analyte detected in the associated Method Blank | MI+ - Matrix Interference                           |
|                    | * - Value exceeds MCL or Permit Limitation          | H - Exceeds Holding Time                            |

Sherry Laboratories/Louisiana

Date: 23-Mar-10

CLIENT: ICON Environmental Services  
Work Order: L06100615  
Project: VPSB White Lake

QC SUMMARY REPORT  
Method Blank

Sample ID: MBLK Batch ID: 6482 Test Code: SW6010B Units: mg/Kg Analysis Date 10/25/2006 9:42:19 PM Prep Date:  
Client ID: Run ID: I2-OPTIMA\_061025A SeqNo: 738691  
Analyte PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual  
Arsenic < 0.010 0.010

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank  
J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits



Sherry Laboratories/Louisiana

Date: 23-Mar-10

CLIENT: ICON Environmental Services  
 Work Order: L06100615  
 Project: VPSB White Lake

**QC SUMMARY REPORT**  
 Sample Matrix Spike

Sample ID: L06100615-01AMS Batch ID: 6482 Test Code: SW6010B Units: mg/Kg Analysis Date 10/25/2006 10:09:28 P Prep Date: 10/18/2006  
 Client ID: B-2 (6-8') Run ID: I2-OPTIMA\_061025A SeqNo: 738695  
 Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual  
 Arsenic 71.92 0.99 49.63 17.36 110 75 125 0

Sample ID: L06100615-01AMS Batch ID: 6482 Test Code: SW6010B Units: mg/Kg Analysis Date 10/25/2006 10:13:45 P Prep Date: 10/18/2006  
 Client ID: B-2 (6-8') Run ID: I2-OPTIMA\_061025A SeqNo: 738696  
 Analyte Result PQL SPK value SPK Ref Val %REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual  
 Arsenic 71.7 0.99 49.6 17.36 110 75 125 71.92 0.295 20

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank

Sherry Laboratories/Louisiana

Date: 23-Mar-10

CLIENT: ICON Environmental Services  
 Work Order: L06100615  
 Project: VPSB White Lake

**QC SUMMARY REPORT**  
 Laboratory Control Spike - generic

Sample ID: LCS LOT # 05F20 Batch ID: 6482 Test Code: SW6010B Units: mg/Kg Analysis Date 10/25/2006 9:46:30 PM Prep Date:  
 Client ID: Run ID: I2-OPTIMA\_061025A SeqNo: 738692

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.4908	0.010	0.5	0	98.2	75	125	0			

Sample ID: LCSD LOT # 05F2 Batch ID: 6482 Test Code: SW6010B Units: mg/Kg Analysis Date 10/25/2006 9:51:06 PM Prep Date:  
 Client ID: Run ID: I2-OPTIMA\_061025A SeqNo: 738693

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	0.5063	0.010	0.5	0	101	75	125	0.4908	3.1	20	

Qualifiers: ND - Not Detected at the Reporting Limit  
 J - Analyte detected below quantitation limits

S - Spike Recovery outside accepted recovery limits  
 R - RPD outside accepted recovery limits

B - Analyte detected in the associated Method Blank  
 3





**SAMPLE LOG-IN CHECK LIST**

**Chain of Custody**

Yes	No	N/A	Were seals, if present, intact?
Yes	No		Is Chain of Custody complete? if no, please comment below.
			How was the sample delivered? Sherry FedEx UPS Hand Other: _____

**Log In**

Yes	No		Was an attempt made to cool the samples? Temperature: <u>4</u> Ambient
Yes	No	N/A	Are samples properly preserved?
			If preservative added to bottles, which bottles? _____
Yes	No	N/A	Is the headspace in the VOA vials less than ¼ inch or 6 mm?
Yes	No	N/A	Are VOA vials preserved with HCl?
Yes	No		Does paperwork match bottle labels? (Note discrepancies on Chain of Custody)
Yes	No		Are matrices correctly identified on Chain of Custody?
Yes	No		Is it clear what analyses were requested?
Yes	No		Are we able to meet all holding times? (If no, notify customer for authorization.)

**Special Handling (if applicable)**

Yes	No	N/A	Was client notified of all discrepancies with this order? Person notified: _____ Date: _____ Time: _____ By whom? _____ Via: Phone Fax In Person Regarding: _____ Report / Do Not Report
Yes	No	N/A	Was other special handling completed? Explain: _____

**Notes:**

No sampler signature

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Customer: Icon2 Laboratory Work Order # 1208012222

Log In Signature: A. Burdeau Date: 8-14-06 Time: 1705

March 22, 2010

Mr. Greg Miller  
ICON Environmental  
2049 Commercial Drive  
Port Allen, LA 70767

RE: Project: EAST WHITE LAKE  
Pace Project No.: 3024016

Dear Mr. Miller:

Enclosed are the analytical results for sample(s) received by the laboratory on March 09, 2010. The results relate only to the samples included in this report. Results reported herein conform to the most current NELAC standards, where applicable, unless otherwise narrated in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Robbin Robl for  
Jacquelyn Collins  
jacquelyn.collins@pacelabs.com  
Project Manager

Enclosures

cc: Mr. Lamar Melder, ICON Environmental

**REPORT OF LABORATORY ANALYSIS**

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## CERTIFICATIONS

Project: EAST WHITE LAKE

Pace Project No.: 3024016

---

### Pennsylvania Certification IDs

1638 Roseytown Road Suites 2,3&4 Greensburg, PA 15601

Wyoming Certification #: 8TMS-Q

Wisconsin/PADEP Certification

West Virginia Certification #: 143

Washington Certification #: C1941

Virginia Certification #: 00112

Virgin Island/PADEP Certification

Utah/NELAC Certification #: ANTE

Texas/NELAC Certification #: T104704188-09 TX

Tennessee Certification #: TN2867

South Dakota Certification

Puerto Rico Certification #: PA01457

Pennsylvania/NELAC Certification #: 0065-282

Oregon/NELAC Certification #: PA200002

North Carolina Certification #: 42706

New York/NELAC Certification #: 10888

New Mexico Certification

New Jersey/NELAC Certification #: PA 051

New Hampshire/NELAC Certification #: 2976

Nevada Certification

Montana Certification #: Cert 0082

Missouri Certification #: 235

Michigan/PADEP Certification

Massachusetts Certification #: M-PA1457

Maryland Certification #: 308

Maine Certification #: PA0091

Louisiana/NELAC Certification #: LA080002

Louisiana/NELAC Certification #: 4086

Kentucky Certification #: 90133

Kansas/NELAC Certification #: E-10358

Iowa Certification #: 391

Indiana/PADEP Certification

Illinois/PADEP Certification

Idaho Certification

Hawaii/PADEP Certification

Guam/PADEP Certification

Georgia Certification #: 968

Florida/NELAC Certification #: E87683

Delaware Certification

Connecticut Certification #: PH 0694

Colorado Certification

California/NELAC Certification #: 04222CA

Arkansas Certification

Arizona Certification #: AZ0734

Alabama Certification #: 41590

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## REPORT OF LABORATORY ANALYSIS

Page 2 of 10

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## SAMPLE SUMMARY

Project: EAST WHITE LAKE

Pace Project No.: 3024016

Lab ID	Sample ID	Matrix	Date Collected	Date Received
3024016001	MW-1	Water	03/05/10 17:10	03/09/10 10:30
3024016002	MW-2R	Water	03/05/10 18:10	03/09/10 10:30
3024016003	MW-3R	Water	03/05/10 16:30	03/09/10 10:30
3024016004	BD-01	Water	03/05/10 00:00	03/09/10 10:30

## REPORT OF LABORATORY ANALYSIS

Page 3 of 10

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### SAMPLE ANALYTE COUNT

Project: EAST WHITE LAKE

Pace Project No.: 3024016

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
3024016001	MW-1	EPA 903.1	RMD	1	PASI-PA
		EPA 904.0	MBT	1	PASI-PA
3024016002	MW-2R	EPA 903.1	RMD	1	PASI-PA
		EPA 904.0	MBT	1	PASI-PA
3024016003	MW-3R	EPA 903.1	RMD	1	PASI-PA
		EPA 904.0	MBT	1	PASI-PA
3024016004	BD-01	EPA 903.1	RMD	1	PASI-PA
		EPA 904.0	MBT	1	PASI-PA

### REPORT OF LABORATORY ANALYSIS

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## PROJECT NARRATIVE

Project: EAST WHITE LAKE  
Pace Project No.: 3024016

---

**Method:** EPA 903.1  
**Description:** 903.1 Radium 226  
**Client:** ICON Environmental  
**Date:** March 22, 2010

**General Information:**

4 samples were analyzed for EPA 903.1. All samples were received in acceptable condition with any exceptions noted below.

**Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

**Method Blank:**

All analytes were below the report limit in the method blank with any exceptions noted below.

**Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

**Duplicate Sample:**

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

**Additional Comments:**

## REPORT OF LABORATORY ANALYSIS

Page 5 of 10

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## PROJECT NARRATIVE

Project: EAST WHITE LAKE  
Pace Project No.: 3024016

---

**Method:** EPA 904.0  
**Description:** 904.0 Radium 228  
**Client:** ICON Environmental  
**Date:** March 22, 2010

**General Information:**

4 samples were analyzed for EPA 904.0. All samples were received in acceptable condition with any exceptions noted below.

**Hold Time:**

The samples were analyzed within the method required hold times with any exceptions noted below.

**Method Blank:**

All analytes were below the report limit in the method blank with any exceptions noted below.

**Laboratory Control Spike:**

All laboratory control spike compounds were within QC limits with any exceptions noted below.

**Matrix Spikes:**

All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

**Duplicate Sample:**

All duplicate sample results were within method acceptance criteria with any exceptions noted below.

**Additional Comments:**

This data package has been reviewed for quality and completeness and is approved for release.

## REPORT OF LABORATORY ANALYSIS

Page 6 of 10

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### ANALYTICAL RESULTS

Project: EAST WHITE LAKE

Pace Project No.: 3024016

Parameters		Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Radium-226		EPA 903.1	<b>12.2 ± 3.07 (0.939)</b>	pCi/L	03/19/10 13:27	13982-63-3	
Radium-228		EPA 904.0	<b>11.3 ± 2.21 (0.527)</b>	pCi/L	03/18/10 14:12	15262-20-1	

Parameters		Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Radium-226		EPA 903.1	<b>0.990 ± 0.672 (0.766)</b>	pCi/L	03/19/10 13:27	13982-63-3	
Radium-228		EPA 904.0	<b>1.92 ± 0.514 (0.547)</b>	pCi/L	03/18/10 14:12	15262-20-1	

Parameters		Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Radium-226		EPA 903.1	<b>9.66 ± 2.58 (0.838)</b>	pCi/L	03/19/10 13:49	13982-63-3	
Radium-228		EPA 904.0	<b>7.97 ± 1.59 (0.539)</b>	pCi/L	03/18/10 14:12	15262-20-1	

Parameters		Method	Act ± Unc (MDC)	Units	Analyzed	CAS No.	Qual
Radium-226		EPA 903.1	<b>7.91 ± 2.17 (0.749)</b>	pCi/L	03/19/10 13:38	13982-63-3	
Radium-228		EPA 904.0	<b>10.2 ± 2.00 (0.493)</b>	pCi/L	03/18/10 14:12	15262-20-1	

### QUALITY CONTROL DATA

Project: EAST WHITE LAKE

Pace Project No.: 3024016

QC Batch: RADC/4491

Analysis Method: EPA 903.1

QC Batch Method: EPA 903.1

Analysis Description: 903.1 Radium-226

Associated Lab Samples: 3024016001, 3024016002, 3024016003, 3024016004

METHOD BLANK: 147972

Matrix: Water

Associated Lab Samples: 3024016001, 3024016002, 3024016003, 3024016004

Parameter	Act ± Unc (MDC)	Units	Analyzed	Qualifiers
Radium-226	0.441 ± 0.506 (0.791)	pCi/L	03/19/10 12:16	

### QUALITY CONTROL DATA

Project: EAST WHITE LAKE

Pace Project No.: 3024016

---

QC Batch:	RADC/4494	Analysis Method:	EPA 904.0
QC Batch Method:	EPA 904.0	Analysis Description:	904.0 Radium 228
Associated Lab Samples:	3024016001, 3024016002, 3024016003, 3024016004		

---

METHOD BLANK:	147975	Matrix:	Water
Associated Lab Samples:	3024016001, 3024016002, 3024016003, 3024016004		

---

Parameter	Act ± Unc (MDC)	Units	Analyzed	Qualifiers
Radium-228	-0.122 ± 0.253 (0.575)	pCi/L	03/18/10 14:11	

## QUALIFIERS

Project: EAST WHITE LAKE

Pace Project No.: 3024016

---

### DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

Pace Analytical is NELAP accredited. Contact your Pace PM for the current list of accredited analytes.

U - Indicates the compound was analyzed for, but not detected.

### LABORATORIES

PASI-PA Pace Analytical Services - Greensburg

# ANALYTICAL RESULTS

PERFORMED BY

GULF COAST ANALYTICAL LABORATORIES, INC.

**Report Date** 03/09/2010

**GCAL Report** 210030140



**Deliver To** Icon Environmental  
2049 Commercial Drive  
Port Allen, LA 70767  
344-8490

**Attn** Greg Miller

**Project** VPSB E. White Lake/9077-041-08



## CASE NARRATIVE

**Client:** Icon Environmental      **Report:** 210030140

Gulf Coast Analytical Laboratories received and analyzed the sample(s) listed on the sample cross-reference page of this report. Receipt of the sample(s) is documented by the attached chain of custody. This applies only to the sample(s) listed in this report. No sample integrity or quality control exceptions were identified unless noted below.

### **SEMI-VOLATILES GAS CHROMATOGRAPHY**

In the SW-846 8082 analysis, a dilution was required for samples 21003014003 (SED6 (0-2)) and 21003014006 (SED8 (0-2)) to eliminate interference from non-target background. This dilution is reflected in elevated detection limits. The surrogate recovery for Decachlorobiphenyl is reported as DO (diluted out) due to the dilution performed on the samples.

In the GCSV SW-846 8082 analysis for 427177, the MS/MSD recoveries were outside QC limits in a similar manner. This can be attributed to a matrix interference.

# Laboratory Endorsement

Sample analysis was performed in accordance with approved methodologies provided by the Environmental Protection Agency or other recognized agencies. The samples and their corresponding extracts will be maintained for a period of 30 days unless otherwise arranged. Following this retention period the samples will be disposed in accordance with GCAL's Standard Operating Procedures.

## Common Abbreviations Utilized in this Report

<b>ND</b>	Indicates the result was Not Detected at the specified RDL
<b>DO</b>	Indicates the result was Diluted Out
<b>MI</b>	Indicates the result was subject to Matrix Interference
<b>TNTC</b>	Indicates the result was Too Numerous To Count
<b>SUBC</b>	Indicates the analysis was Sub-Contracted
<b>FLD</b>	Indicates the analysis was performed in the Field
<b>PQL</b>	Practical Quantitation Limit
<b>MDL</b>	Method Detection Limit
<b>RDL</b>	Reporting Detection Limit
<b>00:00</b>	Reported as a time equivalent to 12:00 AM

## Reporting Flags Utilized in this Report

<b>J</b>	Indicates an estimated value
<b>U</b>	Indicates the compound was analyzed for but not detected
<b>B</b>	(ORGANICS) Indicates the analyte was detected in the associated Method Blank
<b>B</b>	(INORGANICS) Indicates the result is between the RDL and MDL

Sample receipt at GCAL is documented through the attached chain of custody. In accordance with [ISO Guide 25](#) and [NELAC](#), this report shall be reproduced only in full and with the written permission of GCAL. The results contained within this report relate only to the samples reported. The documented results are presented within this report.

This report pertains only to the samples listed in the Report Sample Summary and should be retained as a permanent record thereof. The results contained within this report are intended for the use of the client. Any unauthorized use of the information contained in this report is prohibited.

I certify that this data package is in compliance with the NELAC standard and terms and conditions of the contract and Statement of Work both technically and for completeness, for other than the conditions in the case narrative. Release of the data contained in this hardcopy data package and in the computer-readable data submitted has been authorized by the Quality Assurance Manager or his/her designee, as verified by the following signature.

---

Robyn Miguez  
Technical Director  
**GCAL REPORT 210030140**

# Report Sample Summary

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003014001	SED4 (0-2)	Solid	02/25/2010 13:15	03/01/2010 11:10
21003014002	SED5 (0-2)	Solid	02/25/2010 15:30	03/01/2010 11:10
21003014003	SED6 (0-2)	Solid	02/25/2010 13:45	03/01/2010 11:10
21003014004	SED7 (2-4)	Solid	02/25/2010 14:15	03/01/2010 11:10
21003014005	SED7 (4-6)	Solid	02/25/2010 14:20	03/01/2010 11:10
21003014006	SED8 (0-2)	Solid	02/25/2010 14:55	03/01/2010 11:10

# Summary of Compounds Detected

GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003014005	SED7 (4-6)	Solid	02/25/2010 14:20	03/01/2010 11:10

SW-846 8082

CAS#	Parameter	Result	RDL	REG LIMIT	Units
11097-69-1	Aroclor-1254	204	114		ug/Kg

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
21003014001	SED4 (0-2)	Solid	02/25/2010 13:15	03/01/2010 11:10

SW-846 8082

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
03/02/2010 14:30	427177	3550B	1	03/04/2010 11:06	TLS	427377

CAS#	Parameter	Result	RDL	REG LIMIT	Units
12674-11-2	Aroclor-1016	ND	97.1		ug/Kg
11104-28-2	Aroclor-1221	ND	97.1		ug/Kg
11141-16-5	Aroclor-1232	ND	97.1		ug/Kg
53469-21-9	Aroclor-1242	ND	97.1		ug/Kg
12672-29-6	Aroclor-1248	ND	97.1		ug/Kg
11097-69-1	Aroclor-1254	ND	97.1		ug/Kg
11096-82-5	Aroclor-1260	ND	97.1		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
2051-24-3	Decachlorobiphenyl	16.4	12.2	ug/Kg	74	55 - 139

RESULTS REPORTED ON A DRY WEIGHT BASIS

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
21003014002	SED5 (0-2)	Solid	02/25/2010 15:30	03/01/2010 11:10

SW-846 8082

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
03/02/2010 14:30	427177	3550B	1	03/04/2010 11:24	TLS	427377

CAS#	Parameter	Result	RDL	REG LIMIT	Units
12674-11-2	Aroclor-1016	ND	78.5		ug/Kg
11104-28-2	Aroclor-1221	ND	78.5		ug/Kg
11141-16-5	Aroclor-1232	ND	78.5		ug/Kg
53469-21-9	Aroclor-1242	ND	78.5		ug/Kg
12672-29-6	Aroclor-1248	ND	78.5		ug/Kg
11097-69-1	Aroclor-1254	ND	78.5		ug/Kg
11096-82-5	Aroclor-1260	ND	78.5		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
2051-24-3	Decachlorobiphenyl	16.5	14.2	ug/Kg	86	55 - 139

RESULTS REPORTED ON A DRY WEIGHT BASIS

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
21003014003	SED6 (0-2)	Solid	02/25/2010 13:45	03/01/2010 11:10

SW-846 8082

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
03/02/2010 14:30	427177	3550B	10	03/04/2010 14:59	TLS	427377

CAS#	Parameter	Result	RDL	REG LIMIT	Units
12674-11-2	Aroclor-1016	ND	1190		ug/Kg
11104-28-2	Aroclor-1221	ND	1190		ug/Kg
11141-16-5	Aroclor-1232	ND	1190		ug/Kg
53469-21-9	Aroclor-1242	ND	1190		ug/Kg
12672-29-6	Aroclor-1248	ND	1190		ug/Kg
11097-69-1	Aroclor-1254	ND	1190		ug/Kg
11096-82-5	Aroclor-1260	ND	1190		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
2051-24-3	Decachlorobiphenyl	16.4	Diluted Out	ug/Kg	0*	55 - 139

RESULTS REPORTED ON A DRY WEIGHT BASIS

<b>GCAL ID</b> 21003014004	<b>Client ID</b> SED7 (2-4)	<b>Matrix</b> Solid	<b>Collect Date/Time</b> 02/25/2010 14:15	<b>Receive Date/Time</b> 03/01/2010 11:10
-------------------------------	--------------------------------	------------------------	--	--

SW-846 8082

<b>Prep Date</b> 03/02/2010 14:30	<b>Prep Batch</b> 427177	<b>Prep Method</b> 3550B	<b>Dilution</b> 1	<b>Analyzed</b> 03/04/2010 12:00	<b>By</b> TLS	<b>Analytical Batch</b> 427377
--------------------------------------	-----------------------------	-----------------------------	----------------------	-------------------------------------	------------------	-----------------------------------

CAS#	Parameter	Result	RDL	REG LIMIT	Units
12674-11-2	Aroclor-1016	ND	97.9		ug/Kg
11104-28-2	Aroclor-1221	ND	97.9		ug/Kg
11141-16-5	Aroclor-1232	ND	97.9		ug/Kg
53469-21-9	Aroclor-1242	ND	97.9		ug/Kg
12672-29-6	Aroclor-1248	ND	97.9		ug/Kg
11097-69-1	Aroclor-1254	ND	97.9		ug/Kg
11096-82-5	Aroclor-1260	ND	97.9		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
2051-24-3	Decachlorobiphenyl	16.4	12.6	ug/Kg	77	55 - 139

RESULTS REPORTED ON A DRY WEIGHT BASIS



GCAL ID	Client ID	Matrix	Collect Date/Time	Receive Date/Time
21003014005	SED7 (4-6)	Solid	02/25/2010 14:20	03/01/2010 11:10

SW-846 8082

Prep Date	Prep Batch	Prep Method	Dilution	Analyzed	By	Analytical Batch
03/02/2010 14:30	427177	3550B	1	03/04/2010 12:18	TLS	427377

CAS#	Parameter	Result	RDL	REG LIMIT	Units
12674-11-2	Aroclor-1016	ND	114		ug/Kg
11104-28-2	Aroclor-1221	ND	114		ug/Kg
11141-16-5	Aroclor-1232	ND	114		ug/Kg
53469-21-9	Aroclor-1242	ND	114		ug/Kg
12672-29-6	Aroclor-1248	ND	114		ug/Kg
<b>11097-69-1</b>	<b>Aroclor-1254</b>	<b>204</b>	<b>114</b>		<b>ug/Kg</b>
11096-82-5	Aroclor-1260	ND	114		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
2051-24-3	Decachlorobiphenyl	16.4	9.73	ug/Kg	59	55 - 139

RESULTS REPORTED ON A DRY WEIGHT BASIS

<b>GCAL ID</b>	<b>Client ID</b>	<b>Matrix</b>	<b>Collect Date/Time</b>	<b>Receive Date/Time</b>
21003014006	SED8 (0-2)	Solid	02/25/2010 14:55	03/01/2010 11:10

SW-846 8082

<b>Prep Date</b>	<b>Prep Batch</b>	<b>Prep Method</b>	<b>Dilution</b>	<b>Analyzed</b>	<b>By</b>	<b>Analytical Batch</b>
03/02/2010 14:30	427177	3550B	10	03/04/2010 15:17	TLS	427377

CAS#	Parameter	Result	RDL	REG LIMIT	Units
12674-11-2	Aroclor-1016	ND	1290		ug/Kg
11104-28-2	Aroclor-1221	ND	1290		ug/Kg
11141-16-5	Aroclor-1232	ND	1290		ug/Kg
53469-21-9	Aroclor-1242	ND	1290		ug/Kg
12672-29-6	Aroclor-1248	ND	1290		ug/Kg
11097-69-1	Aroclor-1254	ND	1290		ug/Kg
11096-82-5	Aroclor-1260	ND	1290		ug/Kg

CAS#	Surrogate	Conc. Spiked	Conc. Rec	Units	% Recovery	Rec Limits
2051-24-3	Decachlorobiphenyl	16.4	Diluted Out	ug/Kg	0*	55 - 139

RESULTS REPORTED ON A DRY WEIGHT BASIS

# General Chromatography Quality Control Summary

<b>Analytical Batch</b> 427377 <b>Prep Batch</b> 427177 <b>Prep Method</b> 3550B	<b>Client ID</b> MB427177 <b>GCAL ID</b> 806398 <b>Sample Type</b> Method Blank <b>Prep Date</b> 03/02/2010 14:30 <b>Analytical Date</b> 03/03/2010 14:38 <b>Matrix</b> Solid	LCS427177 806398 LCS 03/02/2010 14:30 03/03/2010 14:56 Solid	LCSD427177 806400 LCSD 03/02/2010 14:30 03/03/2010 15:14 Solid								
<b>SW-846 8082</b>	<b>Units</b> <b>Result</b>	<b>ug/Kg</b> <b>RDL</b>	<b>Spike</b> <b>Added</b>	<b>Result</b>	<b>% R</b>	<b>Control</b> <b>Limits % R</b>	<b>Result</b>	<b>% R</b>	<b>RPD</b>	<b>RPD</b>	<b>Limit</b>
11104-28-2 Aroclor-1221	ND	39.5									
11141-16-5 Aroclor-1232	ND	39.5									
53469-21-9 Aroclor-1242	ND	39.5									
12672-29-6 Aroclor-1248	ND	39.5									
11097-69-1 Aroclor-1254	ND	39.5									
12674-11-2 Aroclor-1016	ND	39.5	132	139	105	55 - 130	114	87	20	31	
11096-82-5 Aroclor-1260	ND	39.5	132	139	105	49 - 130	110	84	23	36	
<b>Surrogate</b>											
2051-24-3 Decachlorobiphenyl	17.9	109	16.6	17.2	104	55 - 139	19.4	118			

<b>Analytical Batch</b> 427377 <b>Prep Batch</b> 427177 <b>Prep Method</b> 3550B	<b>Client ID</b> SD-11 <b>GCAL ID</b> 21002263202 <b>Sample Type</b> SAMPLE <b>Prep Date</b> 03/02/2010 14:30 <b>Analytical Date</b> 03/04/2010 10:12 <b>Matrix</b> Solid	805766MS 806401 MS 03/02/2010 14:30 03/04/2010 10:30 Solid	805766MSD 806402 MSD 03/02/2010 14:30 03/04/2010 10:48 Solid								
<b>SW-846 8082</b>	<b>Units</b> <b>Result</b>	<b>ug/Kg</b> <b>RDL</b>	<b>Spike</b> <b>Added</b>	<b>Result</b>	<b>% R</b>	<b>Control</b> <b>Limits % R</b>	<b>Result</b>	<b>% R</b>	<b>RPD</b>	<b>RPD</b>	<b>Limit</b>
12674-11-2 Aroclor-1016	0.00	40.0	133	111	83	55 - 130	107	81	4	43	
11096-82-5 Aroclor-1260	0.00	40.0	133	61.3	46*	49 - 130	63.2	48*	3	50	
<b>Surrogate</b>											
2051-24-3 Decachlorobiphenyl			16.7	6.25	38*	55 - 139	7.34	44*			

