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TESTING TODAY, PROTECTING TOMORROW

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Test Report

Jon Miller
Michael Pisani & Associates
1100 Poydras Street, Suite 1430
New Orleans, LA 70163
TEL: (504) 582-2468
FAX (504) 582-2470

March 19, 2010
Order No.: L10030202

RE: E. White Lake 07-47

Dear Jon Miller:

Sherry Laboratories/Louisiana received 25 samples on 3/03/10 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.

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

LELAP Certification No.: 01997. A scope of accredited parameters is available upon request. A "#" by the test method indicates this parameter is outside the scope of accreditation.

Estimated uncertainty 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 40



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Date: 19-Mar-10

CLIENT: Michael Pisani & Associates
Project: E. White Lake 07-47
Lab Order: L10030202

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).



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CLIENT: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-01 Collection Date: 3/02/10 13:25
Matrix: SOIL

Sample ID: SED26 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	10.6	0.100		mmhos/cm	3/08/10 8:52	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	10.8	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	4.45	0.0500	*	% dry wt	3/08/10 0:00	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	13.8	0.100		meq	3/09/10 0:00	
Soluble Calcium	36.3	1.00		meq	3/09/10 0:00	
Soluble Magnesium	31.9	1.00		meq	3/09/10 0:00	
Soluble Sodium	80.3	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	2,050	48.1		mg/Kg-dry	3/08/10 17:42	

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: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-02 **Collection Date:** 3/02/10 13:35
Matrix: SOIL

Sample ID: SED26 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	15.3	0.100		mmhos/cm	3/08/10 8:52	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	18.7	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	3.25	0.0500	*	% dry wt	3/08/10 0:00	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	18.8	0.100		meq	3/09/10 0:00	
Soluble Calcium	45.1	1.00		meq	3/09/10 0:00	
Soluble Magnesium	34.6	1.00		meq	3/09/10 0:00	
Soluble Sodium	119	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	1,780	48.6		mg/Kg-dry	3/08/10 17:52	

Qualifiers:

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

E - Estimated value
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PQL - Practical Quantitation Limit
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CLIENT: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-03 **Collection Date:** 3/02/10 12:45
Matrix: SOIL

Sample ID: SED27 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	22.1	0.100		mmhos/cm	3/08/10 8:52	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	13.4	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	0.199	0.0500		% dry wt	3/08/10 0:00	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	17.0	0.100		meq	3/09/10 0:00	
Soluble Calcium	31.7	1.00		meq	3/09/10 0:00	
Soluble Magnesium	111	1.00		meq	3/09/10 0:00	
Soluble Sodium	144	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	863	46.6		mg/Kg-dry	3/08/10 17:56	

Qualifiers:

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S - Spike Recovery outside accepted recovery limits

E - Estimated value
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CLIENT: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-04 **Collection Date:** 3/02/10 12:55
Matrix: SOIL

Sample ID: SED27 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	14.4	0.100		mmhos/cm	3/08/10 8:52	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	8.8	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	0.320	0.0500		% dry wt	3/08/10 0:00	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	12.8	0.100		meq	3/09/10 0:00	
Soluble Calcium	26.5	1.00		meq	3/09/10 0:00	
Soluble Magnesium	57.8	1.00		meq	3/09/10 0:00	
Soluble Sodium	83.0	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	1,550	45.6		mg/Kg-dry	3/08/10 18:06	

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

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CLIENT: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-05 **Collection Date:** 3/02/10 14:15
Matrix: SOIL

Sample ID: SED28 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	23.1	0.100		mmhos/cm	3/08/10 8:52	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	28.9	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	7.22	0.0500	*	% dry wt	3/08/10 0:00	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	22.1	0.100		meq	3/09/10 0:00	
Soluble Calcium	45.5	1.00		meq	3/09/10 0:00	
Soluble Magnesium	68.3	1.00		meq	3/09/10 0:00	
Soluble Sodium	166	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	660	49.4		mg/Kg-dry	3/08/10 18:10	

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

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CLIENT: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-06 **Collection Date:** 3/02/10 14:20
Matrix: SOIL

Sample ID: SED28 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	37.1	0.100		mmhos/cm	3/08/10 8:52	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	23.7	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	1.09	0.0500	*	% dry wt	3/08/10 0:00	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	29.4	0.100		meq	3/09/10 0:00	
Soluble Calcium	82.9	1.00		meq	3/09/10 0:00	
Soluble Magnesium	112	1.00		meq	3/09/10 0:00	
Soluble Sodium	290	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	496	47.5		mg/Kg-dry	3/08/10 18:13	

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: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-07 **Collection Date:** 3/02/10 15:10
Matrix: SOIL

Sample ID: SED29 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	22.5	0.100		mmhos/cm	3/08/10 8:52	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	27.0	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	4.87	0.0500	*	% dry wt	3/08/10 0:00	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	28.5	0.100		meq	3/09/10 0:00	
Soluble Calcium	20.2	1.00		meq	3/09/10 0:00	
Soluble Magnesium	41.8	1.00		meq	3/09/10 0:00	
Soluble Sodium	159	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	740	47.9		mg/Kg-dry	3/08/10 18:17	

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: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-08 **Collection Date:** 3/02/10 15:15
Matrix: SOIL

Sample ID: SED29 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	31.3	0.100		mmhos/cm	3/08/10 8:52	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	39.3	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	1.88	0.0500	*	% dry wt	3/08/10 0:00	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	30.4	0.100		meq	3/09/10 0:00	
Soluble Calcium	50.6	1.00		meq	3/09/10 0:00	
Soluble Magnesium	59.8	1.00		meq	3/09/10 0:00	
Soluble Sodium	226	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	758	47.2		mg/Kg-dry	3/08/10 18:20	

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: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-09 **Collection Date:** 3/02/10 14:55
Matrix: SOIL

Sample ID: SED30 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	27.5	0.100		mmhos/cm	3/08/10 8:52	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	24.1	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	8.37	0.0500	*	% dry wt	3/08/10 0:00	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	28.8	0.100		meq	3/09/10 0:00	
Soluble Calcium	34.7	1.00		meq	3/09/10 0:00	
Soluble Magnesium	62.1	1.00		meq	3/09/10 0:00	
Soluble Sodium	200	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	760	47.0		mg/Kg-dry	3/08/10 18:23	

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

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CLIENT: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-10 **Collection Date:** 3/02/10 15:00
Matrix: SOIL

Sample ID: SED30 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	51.0	0.100		mmhos/cm	3/08/10 9:29	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	47.9	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	< 0.0500	0.0500		% dry wt	3/08/10 0:00	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	73.5	0.100		meq	3/09/10 0:00	
Soluble Calcium	36.5	1.00		meq	3/09/10 0:00	
Soluble Magnesium	34.8	1.00		meq	3/09/10 0:00	
Soluble Sodium	439	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	857	47.7		mg/Kg-dry	3/08/10 18:27	

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

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CLIENT: Michael Pisani & Associates

Date Received: 3/03/10 16:17

Lab Order: L10030202

Date Reported: 3/19/10 20:33

Project: E. White Lake 07-47

Lab ID: L10030202-11 Collection Date: 3/02/10 9:45

Sample ID: SED31 4-6'

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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	34.7	0.100		mmhos/cm	3/08/10 8:52	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	19.0	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	0.295	0.0500		% dry wt	3/08/10 0:00	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	27.1	0.100		meq	3/09/10 0:00	
Soluble Calcium	40.0	1.00		meq	3/09/10 0:00	
Soluble Magnesium	104	1.00		meq	3/09/10 0:00	
Soluble Sodium	230	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	720	48.3		mg/Kg-dry	3/08/10 18:30	

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: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-12 **Collection Date:** 3/02/10 10:10
Matrix: SOIL

Sample ID: SED32 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	18.9	0.100		mmhos/cm	3/08/10 8:52	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	14.1	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	0.461	0.0500		% dry wt	3/08/10 0:00	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	16.2	0.100		meq	3/09/10 0:00	
Soluble Calcium	26.5	1.00		meq	3/09/10 0:00	
Soluble Magnesium	67.5	1.00		meq	3/09/10 0:00	
Soluble Sodium	111	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	706	47.3		mg/Kg-dry	3/08/10 18:34	

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

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CLIENT: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-13 **Collection Date:** 3/02/10 10:25
Matrix: SOIL

Sample ID: SED33 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	41.3	0.100		mmhos/cm	3/08/10 8:52	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	19.2	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	0.322	0.0500		% dry wt	3/08/10 0:00	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	26.1	0.100		meq	3/09/10 0:00	
Soluble Calcium	57.1	1.00		meq	3/09/10 0:00	
Soluble Magnesium	138	1.00		meq	3/09/10 0:00	
Soluble Sodium	258	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	277	48.0		mg/Kg-dry	3/08/10 18:37	

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

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CLIENT: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-14 **Collection Date:** 3/02/10 11:50
Matrix: SOIL

Sample ID: SED23 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	9.24	0.100		mmhos/cm	3/08/10 8:52	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	13.3	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	7.53	0.0500	*	% dry wt	3/08/10 0:00	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	14.4	0.100		meq	3/09/10 0:00	
Soluble Calcium	10.5	1.00		meq	3/09/10 0:00	
Soluble Magnesium	19.7	1.00		meq	3/09/10 0:00	
Soluble Sodium	55.8	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	2,530	46.6		mg/Kg-dry	3/08/10 18:48	

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: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-15 **Collection Date:** 3/02/10 12:00
Matrix: SOIL

Sample ID: SED23 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	9.85	0.100		mmhos/cm	3/08/10 9:29	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	9.1	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	0.0923	0.0500		% dry wt	3/08/10 0:00	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	10.1	0.100		meq	3/09/10 0:00	
Soluble Calcium	18.2	1.00		meq	3/09/10 0:00	
Soluble Magnesium	32.1	1.00		meq	3/09/10 0:00	
Soluble Sodium	50.8	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	1,670	46.1		mg/Kg-dry	3/08/10 18:51	

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
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CLIENT: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-16 **Collection Date:** 3/02/10 11:25
Matrix: SOIL

Sample ID: SED24 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	8.20	0.100		mmhos/cm	3/08/10 9:29	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	7.6	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	0.208	0.0500		% dry wt	3/08/10 0:00	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	11.9	0.100		meq	3/09/10 0:00	
Soluble Calcium	9.10	1.00		meq	3/09/10 0:00	
Soluble Magnesium	17.7	1.00		meq	3/09/10 0:00	
Soluble Sodium	43.4	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	1,120	46.4		mg/Kg-dry	3/08/10 18:55	

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: Michael Pisani & Associates

Date Received: 3/03/10 16:17

Lab Order: L10030202

Date Reported: 3/19/10 20:33

Project: E. White Lake 07-47

Lab ID: L10030202-17 Collection Date: 3/02/10 11:30

Sample ID: SED24 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					
Electrical Conductivity	12.5	0.100		mmhos/cm	3/08/10 9:29	MB
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					
Exchangeable Sodium %	10.3	0.1		%	3/12/10 0:00	MB
HEM, OIL & GREASE	SW9071B					
HEM, Oil & Grease	0.265	0.0500		% dry wt	3/08/10 0:00	AG
SODIUM ADSORPTION RATIO	29B/SW6010B					
Sodium Adsorption Ratio	8.41	0.100		meq	3/09/10 0:00	STS
Soluble Calcium	31.9	1.00		meq	3/09/10 0:00	
Soluble Magnesium	68.4	1.00		meq	3/09/10 0:00	
Soluble Sodium	59.6	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					
True Total Barium	787	48.2		mg/Kg-dry	3/08/10 18:58	STS

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: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-18 **Collection Date:** 3/02/10 11:00
Matrix: SOIL

Sample ID: SED25 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	18.5	0.100		mmhos/cm	3/08/10 9:29	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	17.1	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	0.445	0.0500		% dry wt	3/09/10 0:00	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	15.6	0.100		meq	3/09/10 0:00	
Soluble Calcium	39.5	1.00		meq	3/09/10 0:00	
Soluble Magnesium	63.0	1.00		meq	3/09/10 0:00	
Soluble Sodium	112	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	2,420	46.1		mg/Kg-dry	3/08/10 19:01	

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: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-19 Collection Date: 3/02/10 11:10
Matrix: SOIL

Sample ID: SED25 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					
Electrical Conductivity	18.8	0.100		mmhos/cm	3/08/10 9:29	MB
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					
Exchangeable Sodium %	15.2	0.1		%	3/12/10 0:00	MB
HEM, OIL & GREASE	SW9071B					
HEM, Oil & Grease	0.0813	0.0500		% dry wt	3/08/10 0:00	AG
SODIUM ADSORPTION RATIO	29B/SW6010B					
Sodium Adsorption Ratio	15.8	0.100		meq	3/09/10 0:00	STS
Soluble Calcium	44.2	1.00		meq	3/09/10 0:00	
Soluble Magnesium	69.0	1.00		meq	3/09/10 0:00	
Soluble Sodium	119	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					
True Total Barium	5,480	47.3		mg/Kg-dry	3/08/10 19:05	STS

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

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Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-20 **Collection Date:** 3/01/10 9:45
Matrix: SOIL

Sample ID: SED31 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	23.6	0.100		mmhos/cm	3/08/10 9:29	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	19.4	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	1.61	0.0500	*	% dry wt	3/09/10 0:00	
PERCENT MOISTURE	SW9071B					MB
Percent Moisture	69.4	0.0100		wt%	3/03/10 18:00	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	22.7	0.100		meq	3/09/10 0:00	
Soluble Calcium	27.6	1.00		meq	3/09/10 0:00	
Soluble Magnesium	68.8	1.00		meq	3/09/10 0:00	
Soluble Sodium	158	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	823	48.3		mg/Kg-dry	3/08/10 19:08	

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
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CLIENT: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-21 **Collection Date:** 3/01/10 9:55
Matrix: SOIL

Sample ID: SED31 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	48.5	0.100		mmhos/cm	3/08/10 9:29	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	40.2	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	2.31	0.0500	*	% dry wt	3/09/10 0:00	
PERCENT MOISTURE	SW9071B					MB
Percent Moisture	85.8	0.0100		wt%	3/03/10 18:40	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	31.3	0.100		meq	3/09/10 0:00	
Soluble Calcium	70.0	1.00		meq	3/09/10 0:00	
Soluble Magnesium	166	1.00		meq	3/09/10 0:00	
Soluble Sodium	339	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	472	47.4		mg/Kg-dry	3/08/10 19:29	

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

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Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-22 Collection Date: 3/01/10 10:20
Matrix: SOIL

Sample ID: SED32 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	23.8	0.100		mmhos/cm	3/08/10 9:29	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	12.3	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	4.77	0.0500	*	% dry wt	3/09/10 0:00	
PERCENT MOISTURE	SW9071B					MB
Percent Moisture	71.4	0.0100		wt%	3/03/10 18:40	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	17.7	0.100		meq	3/09/10 0:00	
Soluble Calcium	39.8	1.00		meq	3/09/10 0:00	
Soluble Magnesium	105	1.00		meq	3/09/10 0:00	
Soluble Sodium	151	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	524	48.7		mg/Kg-dry	3/08/10 19:39	

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



TESTING TODAY, PROTECTING TOMORROW

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Lafayette LA 70508-3344
(337) 235-0483

P O Box 81816
Lafayette LA 70598-1816
Fax: (337) 233-6540
(800) 737-2378

CLIENT: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-23 **Collection Date:** 3/01/10 10:30
Matrix: SOIL

Sample ID: SED32 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	20.5	0.100		mmhos/cm	3/08/10 9:29	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	18.8	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	0.186	0.0500		% dry wt	3/09/10 0:00	
PERCENT MOISTURE	SW9071B					MB
Percent Moisture	85.4	0.0100		wt%	3/03/10 18:40	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	17.3	0.100		meq	3/09/10 0:00	
Soluble Calcium	26.5	1.00		meq	3/09/10 0:00	
Soluble Magnesium	66.8	1.00		meq	3/09/10 0:00	
Soluble Sodium	118	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	416	45.9		mg/Kg-dry	3/08/10 19:43	

Qualifiers:

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S - Spike Recovery outside accepted recovery limits

E - Estimated value

+DO - Diluted out due to dilution

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R - RPD outside accepted recovery limits

PQL - Practical Quantitation Limit

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CLIENT: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-24 **Collection Date:** 3/01/10 11:10
Matrix: SOIL

Sample ID: SED33 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	28.2	0.100		mmhos/cm	3/08/10 9:29	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	14.1	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	1.06	0.0500	*	% dry wt	3/09/10 0:00	
PERCENT MOISTURE	SW9071B					MB
Percent Moisture	73.4	0.0100		wt%	3/03/10 18:40	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	26.0	0.100		meq	3/09/10 0:00	
Soluble Calcium	26.6	1.00		meq	3/09/10 0:00	
Soluble Magnesium	76.8	1.00		meq	3/09/10 0:00	
Soluble Sodium	187	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	436	47.6		mg/Kg-dry	3/08/10 19:46	

Qualifiers:

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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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Fax: (337) 233-6540
(800) 737-2378

CLIENT: Michael Pisani & Associates
Lab Order: L10030202
Project: E. White Lake 07-47

Date Received: 3/03/10 16:17
Date Reported: 3/19/10 20:33

Lab ID: L10030202-25 Collection Date: 3/01/10 11:15
Matrix: SOIL

Sample ID: SED33 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>
ELECTRICAL CONDUCTIVITY @ SPE	29B/E120.1					MB
Electrical Conductivity	47.2	0.100		mmhos/cm	3/08/10 9:29	
EXCHANGEABLE SODIUM PERCENTAGE	29B/E273.1					MB
Exchangeable Sodium %	31.5	0.1		%	3/12/10 0:00	
HEM, OIL & GREASE	SW9071B					AG
HEM, Oil & Grease	0.397	0.0500		% dry wt	3/09/10 0:00	
PERCENT MOISTURE	SW9071B					MB
Percent Moisture	87.2	0.0100		wt%	3/03/10 18:40	
SODIUM ADSORPTION RATIO	29B/SW6010B					STS
Sodium Adsorption Ratio	31.5	0.100		meq	3/09/10 0:00	
Soluble Calcium	59.8	1.00		meq	3/09/10 0:00	
Soluble Magnesium	156	1.00		meq	3/09/10 0:00	
Soluble Sodium	328	1.00		meq	3/09/10 0:00	
TRUE TOTAL BARIUM	29B/SW6010B					STS
True Total Barium	360	45.9		mg/Kg-dry	3/08/10 19:50	

Qualifiers:

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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
< - Not Detected at the Reporting Limit

Sherry Laboratories/Louisiana

Date: 19-Mar-10

CLIENT: Michael Pisani & Associates
Work Order: L10030202
Project: E. White Lake 07-47

QC SUMMARY REPORT

Method Blank

Sample ID: MBLK	Batch ID: R82902	Test Code: SW9071B	Units: % dry wt	Analysis Date	03/08/10 0:00	Prep Date:	
Client ID:	Run ID: MAN3_100308A			SeqNo: 1353578			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit RPD Ref Val %RPD RPDLimit Qual
HEM, Oil & Grease	< 0.050	0.050					
Sample ID: MBLK	Batch ID: R82976	Test Code: SW9071B	Units: % dry wt	Analysis Date	03/09/10 0:00	Prep Date:	
Client ID:	Run ID: MAN3_100309B			SeqNo: 1354949			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit RPD Ref Val %RPD RPDLimit Qual
HEM, Oil & Grease	< 0.050	0.050					
Sample ID: MBLK	Batch ID: 10432	Test Code: 29B/SW6010	Units: mg/Kg-dry	Analysis Date	03/08/10 17:32	Prep Date:	
Client ID:	Run ID: 12-OPTIMA_100308D			SeqNo: 1353076			
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: 10436	Test Code: 29B/SW6010	Units: mg/Kg-dry	Analysis Date	03/08/10 19:12	Prep Date:	
Client ID:	Run ID: 12-OPTIMA_100308D			SeqNo: 1353101			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit RPD Ref Val %RPD RPDLimit Qual
True Total Barium	< 50	50					

Qualifiers:

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E - Estimated value
MI+ - Matrix Interference
H - Exceeds Holding Time
R - RPD outside accepted recovery limits
+DO - Diluted out due to dilution
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Sherry Laboratories/Louisiana

Date: 19-Mar-10

CLIENT: Michael Pisani & Associates
Work Order: L10030202
Project: E. White Lake 07-47

QC SUMMARY REPORT

Sample Duplicate

Sample ID: L10030063-02ADU	Batch ID: R82987	Test Code: 29B/E120.1	Units: mmhos/cm	Analysis Date 03/08/10 8:52	Prep Date:
Client ID:		Run ID: MAN3_100308B		SeqNo: 1355220	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Electrical Conductivity	0.529	0.10	0	0	0 0 0.525 0.759 20
Sample ID: L10030202-10ADU	Batch ID: R82993	Test Code: 29B/E120.1	Units: mmhos/cm	Analysis Date 03/08/10 9:29	Prep Date:
Client ID: SED30 2-4'		Run ID: MAN3_100308C		SeqNo: 1355377	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Electrical Conductivity	50	0.10	0	0	0 0 0 51 1.98 20
Sample ID: L10030188-19ADU	Batch ID: R83027	Test Code: 29B/E273.1	Units: %	Analysis Date 03/12/10 0:00	Prep Date:
Client ID:		Run ID: AA2_100312A		SeqNo: 1355925	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Exchangeable Sodium %	49.88	0.10	0	0	0 0 0 56.14 11.8 20
Sample ID: L10030188-01ADU	Batch ID: R83027	Test Code: 29B/E273.1	Units: %	Analysis Date 03/12/10 0:00	Prep Date:
Client ID:		Run ID: AA2_100312A		SeqNo: 1355927	
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Exchangeable Sodium %	20.02	0.10	0	0	0 0 0 18.32 8.85 20

Qualifiers:

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E - Estimated value
MI+ - Matrix Interference
H - Exceeds Holding Time
R - RPD outside accepted recovery limits
+DO - Diluted out due to dilution
< - Not Detected at the Reporting Limit

CLIENT: Michael Pisani & Associates
Work Order: L10030202
Project: E. White Lake 07-47

QC SUMMARY REPORT

Sample Duplicate

Sample ID: L10030202-10ADU Batch ID: R83039 Test Code: 29B/E273.1 Units: % Analysis Date 03/12/10 0:00 Prep Date:
Client ID: SED30 2-4' Run ID: AA2_100312B SeqNo: 1356152

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Exchangeable Sodium %	52	0.10	0	0	0	0	0	47.91	8.19	20	

Sample ID: L10030202-19ADU Batch ID: R82902 Test Code: SW9071B Units: % dry wt Analysis Date 03/08/10 0:00 Prep Date:
Client ID: SED25 2-4' Run ID: MAN3_100308A SeqNo: 1353573

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
HEM, Oil & Grease	0.1079	0.050	0	0	0	0	0	0.08132	28.1	40	

Sample ID: L10030367-20ADU Batch ID: R82976 Test Code: SW9071B Units: % dry wt Analysis Date 03/09/10 0:00 Prep Date:
Client ID: Run ID: MAN3_100309B SeqNo: 1354943

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
HEM, Oil & Grease	0.1602	0.050	0	0	0	0	0	0.2049	24.5	40	

Sample ID: L10030202-10ADU Batch ID: R82946 Test Code: SW9071B Units: wt% Analysis Date 03/03/10 18:00 Prep Date:
Client ID: SED30 2-4' Run ID: MAN3_100303D SeqNo: 1354195

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Percent Moisture	82.62	0.010	0	0	0	0	0	82.82	0.242	20	

Qualifiers:

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

CLIENT: Michael Pisani & Associates
Work Order: L10030202
Project: E. White Lake 07-47

QC SUMMARY REPORT

Sample Duplicate

Sample ID: L10030202-10ADU		Batch ID: R82973	Test Code: 29B/SW6010		Units: meq	Analysis Date 03/09/10 0:00		Prep Date:	
Client ID: SED30 2-4'			Run ID: I2-OPTIMA_100309D			SeqNo: 1354893			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	RPDLimit
Sodium Adsorption Ratio	70.82	0.10	0	0	0	0	0	73.53	20
Soluble Calcium	36.71	1.0	0	0	0	0	0	36.49	20
Soluble Magnesium	34.96	1.0	0	0	0	0	0	34.77	20
Soluble Sodium	423.9	1.0	0	0	0	0	0	438.9	20

Sample ID: L10030188-01ADU		Batch ID: R82973	Test Code: 29B/SW6010		Units: meq	Analysis Date 03/09/10 0:00		Prep Date:	
Client ID:			Run ID: I2-OPTIMA_100309D			SeqNo: 1354905			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	RPDLimit
Sodium Adsorption Ratio	23.82	0.10	0	0	0	0	0	25.4	20
Soluble Calcium	27.76	1.0	0	0	0	0	0	28.95	20
Soluble Magnesium	70.74	1.0	0	0	0	0	0	73.46	20
Soluble Sodium	167.2	1.0	0	0	0	0	0	181.7	20

Qualifiers:

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

Sherry Laboratories/Louisiana

Date: 19-Mar-10

CLIENT: Michael Pisani & Associates
Work Order: L10030202
Project: E. White Lake 07-47

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID: L10030202-19AMS	Batch ID: R82902	Test Code: SW9071B	Units: % dry wt	Analysis Date 03/08/10 0:00	Prep Date:
Client ID: SED25 2-4'	Run ID: MAN3_100308A	PQL	SPK value	SeqNo: 1353574	
Analyte	Result	PQL	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
HEM, Oil & Grease	1.207	0.050	0.664	0.08132 169 70 130 0	S*
Sample ID: L10030367-20AMS	Batch ID: R82976	Test Code: SW9071B	Units: % dry wt	Analysis Date 03/09/10 0:00	Prep Date:
Client ID:	Run ID: MAN3_100309B	PQL	SPK value	SeqNo: 1354944	
Analyte	Result	PQL	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
HEM, Oil & Grease	1.202	0.050	0.529	0.2049 188 70 130 0	S*
Sample ID: L10030202-01AMS	Batch ID: 10432	Test Code: 29B/SW6010	Units: mg/Kg-dry	Analysis Date 03/08/10 17:45	Prep Date: 03/05/10 0:00
Client ID: SED26 0-2'	Run ID: I2-OPTIMA_100308D	PQL	SPK value	SeqNo: 1353080	
Analyte	Result	PQL	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
True Total Barium	7022	48	4822	103 75 125 0	
Sample ID: L10030202-01AMS	Batch ID: 10432	Test Code: 29B/SW6010	Units: mg/Kg-dry	Analysis Date 03/08/10 17:49	Prep Date: 03/05/10 0:00
Client ID: SED26 0-2'	Run ID: I2-OPTIMA_100308D	PQL	SPK value	SeqNo: 1353081	
Analyte	Result	PQL	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val	%RPD RPDLimit Qual
True Total Barium	6565	48	4803	93.9 75 125 7022 6.73 20	

Qualifiers:

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E - Estimated value
MI+ - Matrix Interference
H - Exceeds Holding Time
R - RPD outside accepted recovery limits
+DO - Diluted out due to dilution
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CLIENT: Michael Pisani & Associates
Work Order: L10030202
Project: E. White Lake 07-47

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID: L10030202-21AMS		Batch ID: 10436		Test Code: 29B/SW6010		Units: mg/Kg-dry		Analysis Date 03/08/10 19:33		Prep Date: 03/08/10 0:00	
Client ID: SED31 2-4'				Run ID: 12-OPTIMA_100308D				SeqNo: 1353105			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
True Total Barium	4798	48	4762	471.7	90.9	75	125	0			

Sample ID: L10030202-21AMS		Batch ID: 10436		Test Code: 29B/SW6010		Units: mg/Kg-dry		Analysis Date 03/08/10 19:36		Prep Date: 03/08/10 0:00	
Client ID: SED31 2-4'				Run ID: 12-OPTIMA_100308D				SeqNo: 1353106			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
True Total Barium	4292	48	4757	471.7	80.3	75	125	4798	11.1	20	

Qualifiers:

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

Sherry Laboratories/Louisiana

Date: 19-Mar-10

CLIENT: Michael Pisani & Associates
Work Order: L10030202
Project: E. White Lake 07-47

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID: LCS-R82987	Batch ID: R82987	Test Code: 29B/E120.1	Units: mmhos/cm	Analysis Date 03/08/10 8:52	Prep Date:
Client ID:	Run ID: MAN3_100308B	SeqNo: 1355217			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Electrical Conductivity	0.513	0.10	0.502	0	102 80 120 0
Sample ID: LCS-R82993	Batch ID: R82993	Test Code: 29B/E120.1	Units: mmhos/cm	Analysis Date 03/08/10 9:29	Prep Date:
Client ID:	Run ID: MAN3_100308C	SeqNo: 1355375			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
Electrical Conductivity	0.506	0.10	0.502	0	101 80 120 0
Sample ID: LCS	Batch ID: R82902	Test Code: SW9071B	Units: % dry wt	Analysis Date 03/08/10 0:00	Prep Date:
Client ID:	Run ID: MAN3_100308A	SeqNo: 1353576			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
HEM, Oil & Grease	0.203	0.050	0.2	0	101 70 130 0
Sample ID: LCSD	Batch ID: R82902	Test Code: SW9071B	Units: % dry wt	Analysis Date 03/08/10 0:00	Prep Date:
Client ID:	Run ID: MAN3_100308A	SeqNo: 1353577			
Analyte	Result	PQL	SPK value	SPK Ref Val	%REC LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
HEM, Oil & Grease	0.227	0.050	0.2	0	114 70 130 0.203 11.2 40

Qualifiers:

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S - Spike Recovery outside accepted recovery limits
E - Estimated value
MI+ - Matrix Interference
H - Exceeds Holding Time
R - RPD outside accepted recovery limits
+DO - Diluted out due to dilution
< - Not Detected at the Reporting Limit

CLIENT: Michael Pisani & Associates
Work Order: L10030202
Project: E. White Lake 07-47

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID: LCS	Batch ID: R82976	Test Code: SW9071B	Units: % dry wt	Analysis Date 03/09/10 0:00	Prep Date:
Client ID:	Run ID: MAN3_100309B	PQL	SPK value	SeqNo: 1354947	
Analyte	Result	0.237	0.050	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
HEM, Oil & Grease			0.2	0	118 70 130 0

Sample ID: LCSD	Batch ID: R82976	Test Code: SW9071B	Units: % dry wt	Analysis Date 03/09/10 0:00	Prep Date:
Client ID:	Run ID: MAN3_100309B	PQL	SPK value	SeqNo: 1354948	
Analyte	Result	0.2385	0.050	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
HEM, Oil & Grease			0.2	0	119 70 130 0.237 0.631 40

Sample ID: LCS	Batch ID: 10432	Test Code: 29B/SW6010	Units: mg/Kg-dry	Analysis Date 03/08/10 17:35	Prep Date:
Client ID:	Run ID: I2-OPTIMA_100308D	PQL	SPK value	SeqNo: 1353077	
Analyte	Result	5228	50	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
True Total Barium			5000	0	105 75 125 0

Sample ID: LCSD	Batch ID: 10432	Test Code: 29B/SW6010	Units: mg/Kg-dry	Analysis Date 03/08/10 17:39	Prep Date:
Client ID:	Run ID: I2-OPTIMA_100308D	PQL	SPK value	SeqNo: 1353078	
Analyte	Result	5206	50	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
True Total Barium			5000	0	104 75 125 5228 0.429 20

Sample ID: LCS	Batch ID: 10436	Test Code: 29B/SW6010	Units: mg/Kg-dry	Analysis Date 03/08/10 19:15	Prep Date:
Client ID:	Run ID: I2-OPTIMA_100308D	PQL	SPK value	SeqNo: 1353102	
Analyte	Result	5015	50	%REC	LowLimit HighLimit RPD Ref Val %RPD RPDLimit Qual
True Total Barium			5000	0	100 75 125 0

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

CLIENT: Michael Pisani & Associates
Work Order: L10030202
Project: E. White Lake 07-47

QC SUMMARY REPORT
Laboratory Control Spike Duplicate

Sample ID: LCSD **Batch ID:** 10436 **Test Code:** 29B/SW6010 **Units:** mg/Kg-dry **Analysis Date:** 03/08/10 19:19 **Prep Date:**
Client ID: **Run ID:** 12-OPTIMA_100308D **SeqNo:** 1353103
Analyte **Result** **PQL** **SPK value** **SPK Ref Val** **%REC** **LowLimit** **HighLimit** **RPD Ref Val** **%RPD** **RPDLimit** **Qual**

True Total Barium 5036 50 5000 0 101 75 125 5015 0.421 20

Qualifiers:

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



Sherry Laboratories - Chain of Custody Record

Laboratory Number:

L10030202

Client Information:		Billing Information:		PO Number:		Project Name/Number:		Page 1 of 3	
Company Name: Michael Pisanis & Assoc.						F. White Lake 07-47		Matrix Code	
Contact Name: Jonathan Miller						Sampler's Signature: [Signature]		WW = Drinking 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	
Address: 1100 Poydous Ave 1430 Energy Ctr New Orleans, LA 504.82.2468		Ext: 2468		Required QC Level		Shipping Method: UPS / FedEx / Airborne DHL / Sherry / Mail		OT = Other SOL = Solid SO = Soil SW = Swab	
City, State, Zip: New Orleans, LA		Ext: 2468		Bill Monthly				NG = Natural Gas NGL = Natural Gas Liquid PW = Produced Water CF = Completion Fluid	
Phone Number: 504.82.2468		Ext: 2468		☐ Yes ☐ No					
Fax Number: 504.82.2468		Ext: 2468							
E-mail Address: jpisanis@ix.netcom.com									

Which Regulations Apply:	Turn Time		(Rush turn times will incur a surcharge and must be pre-approved by lab.)		Container	Pres.	Requested Tests						Comments					
	☐ RCRA ☐ POTW ☐ NPDES ☐ USDA/FDA ☐ RECAP/RISC	☐ Drinking Water ☐ Distribution ☐ Special ☐ State ☐ Other	☐ Standard ☒ RUSH ☐ 1 Day ☐ 2 Day ☐ Other	Collection Information			Type P=Plastic, C=Glass V=Vial	Quantity	EC/3AR/ESP	soluble chlorides	TPH D/O - 35	Assem. by AA		Ba, Sr, Hg	Cd, Cr, Pb, Zn	TlBa	O&G	
				Date														Time
Sample ID/Description																		
Sed - 26 0-2'																		
Sed - 26 2-4'																		
Sed - 27 0-2'																		
Sed - 27 2-4'																		
Sed - 28 0-2'																		
Sed - 28 2-4'																		
Sed - 29 0-2'																		
Sed - 29 2-4'																		
Sed - 30 0-2'																		
Sed - 30 2-4'																		

As per Jon Miller
Cancel Chlorides,
TPH-D/O, Metals &
Add True Total
Barium & O&G
for all samples.
25-10 RD



Sherry Laboratories - Chain of Custody Record

TESTING TODAY. PROTECTING TOMORROW

Laboratory Number:

L10030202

Page 2 of 3

Client Information:		Billing Information:	
Company Name: Michael Pisanini & Associates		PO Number:	
Contact Name: Jonathan Miller		Quote Number:	
Address: 1100 Poydras Ave		Required QC Level	
1430 Energy Ctr			
New Orleans, LA		Bill Monthly	
504.582.2468 Ext:		☐ Yes	
City, State, Zip:		☐ No	
Phone Number:		Shipping Method:	
Fax Number:		UPS / FedEx / Airborne	
E-mail Address: jgmiller@ix.netcom.com		DHL / Sherry / Hand / Mail	
Which Regulations Apply:		Project Name/Number:	
☐ RCRA ☐ Drinking Water		07-47 E. White Lake	
☐ POTW ☐ Distribution		Sampler's Signature: [Signature]	
☐ NPDES ☐ Special			
☐ USDA/FDA ☐ State			
☐ RECAP/RISC ☐ Other			
Turn Time		Matrix Code	
☐ Standard		DW = Drinking Water	
☒ RUSH		WW = Waste Water	
☐ 1 Day		GW = Ground Water	
☐ 2 Day		AQ = Aqueous	
☐ Other (lab.)		SL = Sludge	
		O = Oil	
		F = Food	
		NG = Natural Gas	
		NGL = Natural Gas Liquid	
		PW = Produced Water	
		CF = Completion Fluid	

Which Regulations Apply: ☐ RCRA ☐ Drinking Water ☐ POTW ☐ Distribution ☐ NPDES ☐ Special ☐ USDA/FDA ☐ State ☐ RECAP/RISC ☐ Other	Turn Time		(Rush turn times will incur a surcharge and must be pre-approved by lab.)		Container		Pres. HCl, HNO ₃ , H ₂ SO ₄ , NaOH, Na ₂ SO ₃ V=Vial P=Plastic, G=Glass	Requested Tests						Comments	
	Date	Time	Collection Information		Quantity	Type		EC/SAR/ESP	Leachate & Effluents	Soluble Chlorides	TPH & pH	Asbestos by HPLC	Ba, Sr, Pb		
			Date	Time											Grab / Composite
Sample ID/Description															
Sed - 31 4-6'	9 Mar 10	0945	Grab	SO	1	G ice									OSG
Sed - 32 4-6'		1010													
Sed - 33 4-6'		1025													
Sed - 23 0-2'		1150													
Sed - 24 2-4'		1200													
Sed - 24 0-2'		1125													
Sed - 24 2-4'		1130													
Sed - 25 0-2'		1100													
Sed - 25 2-4'		1110													

Relinquished by	Date/Time	Received by	Date/Time	Field Notes:
1				
2				Received at lab on ice? ☒ Yes ☐ No Temp: 41.5.0
3	07-47 E. White Lake	3-3-10 16:17	3-3-10 16:17	

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
PO Box 569
Daleville, IN 47334-9569
765-378-4103
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629 Washington St.
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Fax: 812-375-0731

2121 E. Washington Blvd.
Fort Wayne, IN 46803
260-471-7000
Fax: 260-471-7777

560 South Zimmer Road
PO Box 1849
Warsaw, IN 46581-1849
574-267-3305
Fax: 574-269-6569

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

3371 Cleveland Road
Suite 100A
South Bend, IN 46628
574-277-0707
Fax: 574-273-4599

5.8 gals

Company Name:	Client Information:	Billing Information:	PO Number:	Project Name/Number:	Matrix Code 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
Contact Name:	Michael Pisanis & Assoc		Quote Number:	E. White Lake 07-57	
Address:	Jonathan Miller		Required QC Level	Sampler's Signature	
City, State, Zip:	1100 Poydras St			<i>[Signature]</i>	
Phone Number:	HOO 1430 Energy Ctr		Bill Monthly	Shipping Method:	
Fax Number:	New Orleans, LA		☐ Yes	UPS / FedEx / Airborne	
E-mail Address:	504.582.2668	Ext:	☐ No	DHL / Sherry / <u>Hand</u> / Mail	
	j.miller@ix.netcom.com				

Which Regulations Apply: ☐ RCRA ☐ Drinking Water ☐ POTW ☐ Distribution ☐ NPDES ☐ Special ☐ USDA/FDA ☐ State ☐ RECAP/RISC ☐ Other	Turn Time ☐ Standard ☒ RUSH ☐ 1 Day ☐ 2 Day ☐ Other	(Rush turn times will incur a surcharge and must be pre-approved by lab.)			Container Type P=Plastic, G=Glass V=Vial Quantity	Pres. HCl, HNO ₃ , H ₂ SO ₄ , NaOH, Na ₂ S ₂ O ₃	Requested Tests EC/SAR/ESP Inorganic chlorides Soluble chlorides TPPI D/G As, Ba Arsenic by AAs Barium Mercury % moisture TPA OSG	Comments	
		Collection Information							
		Date	Time	Grab / Composite					Matrix
Sample ID/Description Sed-31 0-2'	1 Mar 10	0945	Grab	SD	1	G	HCl, HNO ₃ , H ₂ SO ₄ , NaOH, Na ₂ S ₂ O ₃	EC/SAR/ESP Inorganic chlorides Soluble chlorides TPPI D/G As, Ba Arsenic by AAs Barium Mercury % moisture TPA OSG	* report dry wts
Sed-31 2-4'		0955					ice		X
Sed-32 0-2'		1020							X
Sed-32 2-4'		1030							X
Sed-33 0-2'		1110							X
Sed-33 2-4'		1115							X

	Relinquished by	Date/Time	Received by	Date/Time	Field Notes:
1					
2					
3	Robert [Signature]	3/3/10 (6:17)	[Signature]	3/3/10 (6:17)	Received at lab on ice? ☒ Yes ☐ No Temp: 4.1, 5.0

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**9301 Innovation Drive, Suite 125
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**560 South Zimmer Road
PO Box 1849
Warsaw, IN 46581-1849
574-267-3305
Fax: 574-260-6560**

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

**3371 Cleveland Road
Suite 100A
South Bend, IN 46628
574-277-0707
Fax: 574-273-4599**



Sherry Laboratories/Louisiana

Sample Log-In Check List

Client Name: M_PISANI

Date and Time Received: 3/3/2010 4:17:00 PM

Work Order Number: L10030202

Logged by: Jennifer Begnaud

Checked In by: Jennifer Begnaud

Chain of Custody

1. Were seals intact? Yes ☐ No ☐ Not Present ☒
2. Is Chain of Custody complete? If not, please comment below. Yes ☒ No ☐ Not Present ☐
3. How was the sample delivered? Client

Log In

4. How many ice chests were received? No. of Coolers: 3

Temperature °C for each Ice Chest:	A	B	C	D	E
	<u>4.1</u>	<u>5.0</u>	<u>5.8</u>		

5. Was an attempt made to cool the samples? Yes ☒ No ☐
6. Were all samples received at a temperature of >0° C to 6.0° C Yes ☒ No ☐
7. Sample(s) in proper container(s)? Yes ☒ No ☐
8. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
9. Are samples (except VOA and ONG) properly preserved? Yes ☒ No ☐
10. Was preservative added to bottles? Yes ☐ No ☐ NA ☒
 Bottle ID: Added: lot #
11. Is the headspace in the VOA vials less than 1/4 inch or 6 mm? Yes ☐ No ☐ No VOA Vials ☒
12. Were any sample containers received broken? Yes ☐ No ☒ Bottle ID:
13. Does paperwork match bottle labels? Yes ☒ No ☐
(Note discrepancies on chain of custody)
14. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
15. Is it clear what analyses were requested? Yes ☒ No ☐
16. Were all holding times able to be met? Yes ☒ No ☐
(If no, notify customer for authorization.)

Special Handling (if applicable)

17. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

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

18. Additional remarks:

Improper error correction(s) made by client