

Shuttle/Cooler ID#:

CHAIN OF CUSTODY

Geochemical Testing

Form F-5002, 08.10

Geochemical Testing • 2005 North Center Avenue • Somerset PA 15501 • (814) 443-1671 • Fax (814) 445-6729

Billing Client: <i>RMS</i>	Contact (Company): <i>RMS</i>	Phone: ()
Address:	e-mail:	Fax: ()
City: State: Zip:	Sampled by: <i>EB</i>	Preservatives by <u> </u> Sampler <u> </u> ☒ GT
WO#:	Project:	PO/Quote#:

Sample Matrix:	GW Ground Water	SW Surface Water	PW Potable Water	WW Wastewater	SO Soil	SL Sludge	nHZ Not Hazardous / HZ Hazardous	PCBs
Sample Type:	G Grab	C Composite	D Distribution/DW	R Raw/DW	S Special/DW	O Other	Containers Supplied by: ☐ Client ☒ GT Lab	

Sample Location/ Description	Lab Number	Sample Matrix	Date	Time (Military)	Sample Type	**Analyses Requested	Remarks/ Preservatives, etc	Number of Containers
**NOTE: IF multiple analytes from one bottle, OR if multiple bottles for one analyte, THEN list separately on one line UNLESS LISTED ON ATTACHED FIELD LOG								
<i>RMS 9/9/14</i>	<i>49587 004</i>	<i>nHZ / HZ SW</i>	<i>9-14-11</i>	<i>various</i>	<i>G</i>	<i>pH + TDS</i>	Field Filtered: Y / ☒ N	<i>1</i>
<i>RMS 10/9/14</i>	<i>4546 006</i>	<i>nHZ / HZ PW</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>	<i>BS-P + Al + K + O + G</i>	Field Filtered: Y / ☒ N	<i>4</i>
<i>RMS 11/9/14</i>	<i>007</i>	<i>nHZ / HZ PW</i>	<i>↓</i>	<i>↓</i>	<i>↓</i>	<i>BS-P + Al + K + O + G</i>	Field Filtered: Y / ☒ N	<i>4</i>
		nHZ / HZ					Field Filtered: Y / N	
		nHZ / HZ					Field Filtered: Y / N	
		nHZ / HZ					Field Filtered: Y / N	
		nHZ / HZ					Field Filtered: Y / N	
		nHZ / HZ					Field Filtered: Y / N	

Note Deficiencies Here:

Relinquished by (Company & Signature)	Date	Time (Military)	Received by (Company & Signature):	Date	Time (Military)
<i>[Signature]</i>	<i>9-15-11</i>	<i>1005</i>	<i>[Signature]</i>	<i>9-15-11</i>	<i>1355</i>
	<i>9-15-11</i>	<i>1555</i>	<i>[Signature]</i>	<i>9-16-11</i>	<i>5:08</i>

SAMPLES MUST BE PRESERVED ON ICE.

Ice present on receipt: Yes or No ☒ Cooler Temp (°C) on receipt: 6



GEOCHEMICAL TESTING

Environmental and Energy Analysis

EPA Permit# PAS2D020BLCE
DEP Permit# 37-033-27255-00-00

2005 N. Center Ave.
Somerset, PA 15501

814/443-1671
814/445-6666
FAX: 814/445-6729

Friday, September 23, 2011

RICK BONAZZA
RESOURCE MANAGEMENT SERVICES
65 FENTON ROAD
INDIANA, PA 15701

Order No.: G1109521

Dear RICK BONAZZA:

Geochemical Testing received 5 sample(s) on 9/15/2011 for the analyses presented in the following report.

There were no problems with the analyses and all QC data met NELAC, EPA, and laboratory specifications except where noted in the Case Narrative or Laboratory Results.

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

Sincerely,

Timothy W. Bergstresser
Director of Technical Services

Geochemical Testing

Date: 23-Sep-11

CLIENT: RESOURCE MANAGEMENT SERVICES

Project:

Lab Order: G1109521

CASE NARRATIVE

No problems were encountered during analysis of this workorder, except if noted in this report.

Legend: ND - Not Detected at the Quantitation Limit
J - Indicates an estimated value.
U - The analyte was not detected at or above the listed concentration, which is below the laboratory quantitation limit.
B - Analyte detected in the associated Method Blank
Q - Qualifier QL - Quantitation Limit DF - Dilution Factor

S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
** - Value exceeds Action Limit
H - Method Hold Time Exceeded
MCL - Contaminant Limit



Laboratory Results

Geochemical Testing

Date: 23-Sep-11

CLIENT:	RESOURCE MANAGEMENT SERVICES	Client Sample ID:	RMS 1/9/13
Lab Order:	G1109521		
Project:		Sampled By:	Client
Lab ID:	G1109521-001	Collection Date:	9/13/2011 11:30:00 AM
Matrix:	AQUEOUS	Received Date:	9/15/2011 6:23:42 AM

Analyses	Result	QL	Q	Units	DF	Date Analyzed
PH BY SM 4500 H+B Lab pH	5.90		0	su	1	Analyst: LNW 9/20/2011 9:35:00 AM
INORGANIC NON-METALS Total dissolved solids	62		20	mg/L	1	Analyst: KLS 9/15/2011 10:41:00 AM

Laboratory Results

Geochemical Testing

Date: 23-Sep-11

CLIENT:	RESOURCE MANAGEMENT SERVICES	Client Sample ID:	RMS 2/9/13
Lab Order:	G1109521		
Project:		Sampled By:	Client
Lab ID:	G1109521-002	Collection Date:	9/13/2011 11:55:00 AM
Matrix:	AQUEOUS	Received Date:	9/15/2011 6:23:42 AM

Analyses	Result	QL	Q	Units	DF	Date Analyzed
PH BY SM 4500 H+B						Analyst: LNW
Lab pH	5.95		0	su	1	9/20/2011 10:06:00 AM
INORGANIC NON-METALS						Analyst: KLS
Total dissolved solids	36		20	mg/L	1	9/15/2011 10:42:00 AM

Laboratory Results

Geochemical Testing

Date: 23-Sep-11

CLIENT:	RESOURCE MANAGEMENT SERVICES	Client Sample ID:	RMS 3/9/13
Lab Order:	G1109521		
Project:		Sampled By:	Client
Lab ID:	G1109521-003	Collection Date:	9/13/2011 12:10:00 PM
Matrix:	AQUEOUS	Received Date:	9/15/2011 6:23:42 AM

Analyses	Result	QL	Q	Units	DF	Date Analyzed
PH BY SM 4500 H+B						Analyst: LNW
Lab pH	6.06		0	su	1	9/20/2011 10:11:00 AM
INORGANIC NON-METALS						Analyst: KLS
Total dissolved solids	38		20	mg/L	1	9/15/2011 10:42:00 AM

Laboratory Results

Geochemical Testing

Date: 23-Sep-11

CLIENT:	RESOURCE MANAGEMENT SERVICES	Client Sample ID:	RMS 5/9/13
Lab Order:	G1109521		
Project:		Sampled By:	Client
Lab ID:	G1109521-005	Collection Date:	9/13/2011 12:45:00 PM
Matrix:	AQUEOUS	Received Date:	9/15/2011 6:23:42 AM

Analyses	Result	QL	Q	Units	DF	Date Analyzed
PH BY SM 4500 H+B						Analyst: LNW
Lab pH	6.00	0		su	1	9/20/2011 10:14:00 AM
INORGANIC NON-METALS						Analyst: KLS
Total dissolved solids	40	20		mg/L	1	9/15/2011 10:43:00 AM

Shuttle/Cooler ID#: _____

CHAIN OF CUSTODY**Geochemical Testing**

Form F-5002, 06.08

Geochemical Testing • 2005 North Center Avenue • Somerset PA 15501 • (814) 443-1671 • Fax (814) 445-6729

Billing Client: RMS	Contact (Company): RMS	Phone: ()
Address:	e-mail:	Fax: ()
City:	State:	Zip:
WO#:	Sampled by:	Preservatives by <u>Sampler</u> ☒ GT
	Project:	PO/Quote#:

Sample Matrix:	GW Ground Water	SW Surface Water	PW Potable Water	WW Wastewater	SO Soil	SL Sludge	nHZ Not Hazardous / HZ Hazardous	PCBs
Sample Type:	G Grab	C Composite	D Distribution/DW	R Raw/DW	S Special/DW	O Other	Containers Supplied by: ☐ Client ☒ GT Lab	

Sample Location/ Description	Lab Number	Sample Matrix	Date	Time (Military)	Sample Type	**Analyses Requested	Remarks/ Preservatives, etc	Number of Containers
**NOTE: IF multiple analytes from one bottle, OR if multiple bottles for one analyte, THEN list separately on one line UNLESS LISTED ON ATTACHED FIELD LOG								
RMS 1/9/13	001	SW	9/13/11	1130	G	pH, TDS only	Field Filtered: Y / ☒	3
RMS 2/9/13	002	SW		1155		"	Field Filtered: Y / ☒	3
RMS 3/9/13	003	SW		1210		"	Field Filtered: Y / ☒	3
RMS 4/9/13	004	SW		1220		"	Field Filtered: Y / ☒	3
RMS 5/9/13	005	SW		1245		"	Field Filtered: Y / ☒	3
RMS 6/9/13	001	PW		1320		BS-P + O + G + Al + K	Field Filtered: Y / ☒	4
RMS 7/9/13	002	PW		1345		"	Field Filtered: Y / ☒	4
RMS 8/9/13	003	PW		1420		"	Field Filtered: Y / ☒	4

Note Deficiencies Here:

RMS 4/9/13 had fixed bottles only & couldn't be analyzed.

Relinquished by (Company & Signature)	Date	Time (Military)	Received by (Company & Signature)	Date	Time (Military)
RMS	9/13/11	2000	RMS	9-14-11	1430
RMS	9/14/11	1057	RMS	9-15-11	6:01
	9-14-11	1645			

SAMPLES MUST BE PRESERVED ON ICE.Ice present on receipt: ☒ Yes or ☐ No Cooler Temp (°C) on receipt: 6



GEOCHEMICAL TESTING

Environmental and Energy Analysis

EPA Permit# PAS2D020BLCE
DEP Permit# 37-033-27255-00-00

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Friday, September 23, 2011

RICK BONAZZA
RESOURCE MANAGEMENT SERVICES
65 FENTON ROAD
INDIANA, PA 15701

RE: BS-P

Order No.: G1109520

Dear RICK BONAZZA:

Geochemical Testing received 8 sample(s) on 9/15/2011 for the analyses presented in the following report.

There were no problems with the analyses and all QC data met NELAC, EPA, and laboratory specifications except where noted in the Case Narrative or Laboratory Results.

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

Sincerely,

Timothy W. Bergstresser
Director of Technical Services