GEOSYNTEC CONSULTANTS

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AUG 2006
SCANNED
Hazardous Waste
Section

JUL 2006
Received
Hazardous Waste
Section

July 18, 2006

Mr. Larry Stanley, Hydrogeologist
North Carolina Dept. of Environment and Natural Resources
Hazardous Waste Section
Division of Solid Waste Management
41 Oberlin Road, Suite 150
Raleigh, NC 27605

Re: Laboratory Analytical Data
Remedial Action System - Semi-annual Effectiveness Monitoring
General Electric Company; Hickory, NC
RCRA Permit No. NCD 003 237 948

Dear Mr. Stanley:

Enclosed is a copy of the laboratory results for semi-annual groundwater sampling conducted at GE's Hickory, North Carolina site (the Site). As you know, semi annual groundwater monitoring is conducted to evaluate the effectiveness of the groundwater Remedial Action System (RAS) at the Site as required by the RCRA Permit. In addition, collection and analysis of creek water samples from locations in the tributary west of the RAS is included in the semi-annual performance monitoring for the RAS. The enclosed results present groundwater data for the first semi-annual monitoring event performed at the Site for 2006. Groundwater and creek water sampling for this event was conducted in May 2006.

In addition to completing the required sampling for evaluating the effectiveness of the RAS, collection and analysis of groundwater samples from other monitoring locations was also conducted during the May 2006 semi-annual sampling event, and those results are included in the enclosed data package as well. The following samples were collected during the May 2006 event:

- Semi-annual sampling of Area D monitoring wells and TW-50 was conducted. Per previous agreement with DENR, semi-annual monitoring of the Area D wells coincides with the semi-annual sampling for the RAS.

- Sampling of some of the SS series of groundwater monitoring wells at the Site was completed in May 2006. Per previous agreement with DENR, GE performs annual sampling of these wells that coincides with the first semi-annual sampling event of each calendar year. GE voluntarily elected to sample selected SS-series wells during the May 2006 monitoring event to provide additional data for completing the analysis of site conditions as part of the ongoing Interim Remedial Measure (soil vapour extraction).

- Sampling was conducted to assess groundwater quality for the wells recently installed during the CMS field program, including the MW-70 and MW-71 well clusters.

Note that all samples were collected using passive diffusion bags (PDBs). Prior to this sampling event, samples from Area D only were collected using PDBs.

Reports summarizing the results of the enclosed laboratory data will be submitted to NC DENR separately.

Please contact me if you have any questions pertaining to the enclosed data packages.

Sincerely,

Hester Groenevelt

Hester Groenevelt
GeoSyntec Consultants

enclosure

cc: Bud McCarty, NC DENR (without enclosure)
Bob Glaser, NC DENR (without enclosure)
Lance Hauer, General Electric
Gary McCurry, General Electric

SGS

RECEIVED
JUN 20 2006

Mr. Gary McCurry
General Electric Power
1223 Fairgrove Church Rd.
Conover NC 28613

Report Number: G130-98

Client Project: NCD003237948

Dear Mr. McCurry:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call SGS/Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS/Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
SGS/Paradigm Analytical Laboratories, Inc.

Laboratory Director 6/8/2006 Date
J. Patrick Weaver

MW-2D was analyzed 40:1 and 800:1 in hold and 2000:1 out of hold. All dilutions are reported.

SS-18 was analyzed 10:1 and 200:1 in hold and 500:1 out of hold. All dilutions are reported.

Enclosed please find the summary result reports.

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: POC 1b
Client Project ID: NCD003237948
Lab Sample ID: G130-98-2A
Lab Project ID: G130-98

Analyzed By: JTF
Date Collected: 5/8/2006 8:52
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	1.00	1	5/13/2006
1,2-Dichlorobenzene	BQL	1.00	1	5/13/2006
1,4-Dichlorobenzene	BQL	1.00	1	5/13/2006
1,1-Dichloroethene	BQL	1.00	1	5/13/2006
1,2-Dichloroethane	BQL	1.00	1	5/13/2006
trans-1,2-dichloroethene	BQL	1.00	1	5/13/2006
Methylene chloride	BQL	5.00	1	5/13/2006
1,1,2,2-Tetrachloroethane	BQL	1.00	1	5/13/2006
Tetrachloroethene	**9.92**	1.00	1	5/13/2006
Trichloroethene	**1.64**	1.00	1	5/13/2006
1,1,1-Trichloroethane	BQL	1.00	1	5/13/2006
Vinyl chloride	BQL	1.00	1	5/13/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.3	103
1,2-Dichloroethane-d4	10	9.77	98
Toluene-d8	10	9.72	97

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: POC 2A
Client Project ID: NCD003237948
Lab Sample ID: G130-98-4A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/8/2006 9:05
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	40.0	40	5/16/2006
1,2-Dichlorobenzene	BQL	40.0	40	5/16/2006
1,4-Dichlorobenzene	BQL	40.0	40	5/16/2006
1,1-Dichloroethene	BQL	40.0	40	5/16/2006
1,2-Dichloroethane	BQL	40.0	40	5/16/2006
trans-1,2-dichloroethene	BQL	40.0	40	5/16/2006
Methylene chloride	BQL	200	40	5/16/2006
1,1,2,2-Tetrachloroethane	BQL	40.0	40	5/16/2006
Tetrachloroethene	**409**	40.0	40	5/16/2006
Trichloroethene	**31100**	2000	2000	5/16/2006
1,1,1-Trichloroethane	BQL	40.0	40	5/16/2006
Vinyl chloride	BQL	40.0	40	5/16/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.2	102
1,2-Dichloroethane-d4	10	11.3	113
Toluene-d8	10	10.1	101

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: Gml

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: POC 2C
Client Project ID: NCD003237948
Lab Sample ID: G130-98-6A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/8/2006 9:15
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	2.00	2	5/16/2006
1,2-Dichlorobenzene	BQL	2.00	2	5/16/2006
1,4-Dichlorobenzene	BQL	2.00	2	5/16/2006
1,1-Dichloroethene	BQL	2.00	2	5/16/2006
1,2-Dichloroethane	BQL	2.00	2	5/16/2006
trans-1,2-dichloroethene	BQL	2.00	2	5/16/2006
Methylene chloride	BQL	10.0	2	5/16/2006
1,1,2,2-Tetrachloroethane	BQL	2.00	2	5/16/2006
Tetrachloroethene	**1590**	100	100	5/15/2006
Trichloroethene	**168**	100	100	5/15/2006
1,1,1-Trichloroethane	BQL	2.00	2	5/16/2006
Vinyl chloride	BQL	2.00	2	5/16/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.6	106
1,2-Dichloroethane-d4	10	11.4	114
Toluene-d8	10	10.1	101

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: POC 3b
Client Project ID: NCD003237948
Lab Sample ID: G130-98-8A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/8/2006 9:30
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed	
Chlorobenzene	BQL	2.00	2	5/22/2006	
1,2-Dichlorobenzene	BQL	2.00	2	5/22/2006	
1,4-Dichlorobenzene	BQL	2.00	2	5/22/2006	
1,1-Dichloroethene	BQL	2.00	2	5/22/2006	
1,2-Dichloroethane	BQL	2.00	2	5/22/2006	
trans-1,2-dichloroethene	BQL	2.00	2	5/22/2006	
Methylene chloride	BQL	10.0	2	5/22/2006	
1,1,2,2-Tetrachloroethane	BQL	2.00	2	5/22/2006	
Tetrachloroethene	**119**	2.00	2	5/22/2006	E
Trichloroethene	**35.8**	2.00	2	5/22/2006	
1,1,1-Trichloroethane	BQL	2.00	2	5/22/2006	
Vinyl chloride	BQL	2.00	2	5/22/2006	

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	9.85	98
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	9.51	95

Comments:

Flags:
BQL = Below Quantitation Limits.
E = Estimated, above calibration range.

Reviewed By: April

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: POC 3C
Client Project ID: NCD003237948
Lab Sample ID: G130-98-9A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/8/2006 9:35
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	5.00	5	5/22/2006
1,2-Dichlorobenzene	BQL	5.00	5	5/22/2006
1,4-Dichlorobenzene	BQL	5.00	5	5/22/2006
1,1-Dichloroethene	BQL	5.00	5	5/22/2006
1,2-Dichloroethane	BQL	5.00	5	5/22/2006
trans-1,2-dichloroethene	BQL	5.00	5	5/22/2006
Methylene chloride	BQL	25.0	5	5/22/2006
1,1,2,2-Tetrachloroethane	BQL	5.00	5	5/22/2006
Tetrachloroethene	**1000**	250	250	5/19/2006
Trichloroethene	BQL	5.00	5	5/22/2006
1,1,1-Trichloroethane	BQL	5.00	5	5/22/2006
Vinyl chloride	BQL	5.00	5	5/22/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.1	101
1,2-Dichloroethane-d4	10	10.4	104
Toluene-d8	10	9.93	99

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: POC 2CD
Client Project ID: NCD003237948
Lab Sample ID: G130-98-11A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/8/2006 9:17
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	2.00	2	5/22/2006
1,2-Dichlorobenzene	BQL	2.00	2	5/22/2006
1,4-Dichlorobenzene	BQL	2.00	2	5/22/2006
1,1-Dichloroethene	BQL	2.00	2	5/22/2006
1,2-Dichloroethane	BQL	2.00	2	5/22/2006
trans-1,2-dichloroethene	BQL	2.00	2	5/22/2006
Methylene chloride	BQL	10.0	2	5/22/2006
1,1,2,2-Tetrachloroethane	BQL	2.00	2	5/22/2006
Tetrachloroethene	**1500**	100	100	5/19/2006
Trichloroethene	**135**	100	100	5/19/2006
1,1,1-Trichloroethane	BQL	2.00	2	5/22/2006
Vinyl chloride	BQL	2.00	2	5/22/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	9.83	98
1,2-Dichloroethane-d4	10	10.3	103
Toluene-d8	10	10	100

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: April

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-9
Client Project ID: NCD003237948
Lab Sample ID: G130-98-13A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/9/2006 8:02
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	8.00	8	5/18/2006
1,2-Dichlorobenzene	BQL	8.00	8	5/18/2006
1,4-Dichlorobenzene	BQL	8.00	8	5/18/2006
1,1-Dichloroethene	BQL	8.00	8	5/18/2006
1,2-Dichloroethane	BQL	8.00	8	5/18/2006
trans-1,2-dichloroethene	BQL	8.00	8	5/18/2006
Methylene chloride	BQL	40.0	8	5/18/2006
1,1,2,2-Tetrachloroethane	BQL	8.00	8	5/18/2006
Tetrachloroethene	**1470**	400	400	5/17/2006
Trichloroethene	**5720**	400	400	5/17/2006
1,1,1-Trichloroethane	BQL	8.00	8	5/18/2006
Vinyl chloride	BQL	8.00	8	5/18/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.2	102
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	10.1	101

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-12
Client Project ID: NCD003237948
Lab Sample ID: G130-98-15A
Lab Project ID: G130-98

Analyzed By: JTF
Date Collected: 5/9/2006 8:20
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	**21.3**	1.00	1	5/16/2006
1,2-Dichlorobenzene	BQL	1.00	1	5/16/2006
1,4-Dichlorobenzene	**1.24**	1.00	1	5/16/2006
1,1-Dichloroethene	BQL	1.00	1	5/16/2006
1,2-Dichloroethane	BQL	1.00	1	5/16/2006
trans-1,2-dichloroethene	BQL	1.00	1	5/16/2006
Methylene chloride	BQL	5.00	1	5/16/2006
1,1,2,2-Tetrachloroethane	BQL	1.00	1	5/16/2006
Tetrachloroethene	**4.03**	1.00	1	5/16/2006
Trichloroethene	**43.5**	1.00	1	5/16/2006
1,1,1-Trichloroethane	BQL	1.00	1	5/16/2006
Vinyl chloride	BQL	1.00	1	5/16/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	9.94	99
1,2-Dichloroethane-d4	10	11.1	111
Toluene-d8	10	9.81	98

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-12A
Client Project ID: NCD003237948
Lab Sample ID: G130-98-16A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/9/2006 8:30
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	10.0	10	5/18/2006
1,2-Dichlorobenzene	BQL	10.0	10	5/18/2006
1,4-Dichlorobenzene	BQL	10.0	10	5/18/2006
1,1-Dichloroethene	BQL	10.0	10	5/18/2006
1,2-Dichloroethane	BQL	10.0	10	5/18/2006
trans-1,2-dichloroethene	BQL	10.0	10	5/18/2006
Methylene chloride	BQL	50.0	10	5/18/2006
1,1,2,2-Tetrachloroethane	BQL	10.0	10	5/18/2006
Tetrachloroethene	**166**	10.0	10	5/18/2006
Trichloroethene	**143**	10.0	10	5/18/2006
1,1,1-Trichloroethane	BQL	10.0	10	5/18/2006
Vinyl chloride	**42.9**	10.0	10	5/18/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.5	105
1,2-Dichloroethane-d4	10	10.6	105
Toluene-d8	10	10.2	102

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-21A
Client Project ID: NCD003237948
Lab Sample ID: G130-98-18B
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/9/2006 8:53
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	1.00	1	5/18/2006
1,2-Dichlorobenzene	BQL	1.00	1	5/18/2006
1,4-Dichlorobenzene	BQL	1.00	1	5/18/2006
1,1-Dichloroethene	BQL	1.00	1	5/18/2006
1,2-Dichloroethane	BQL	1.00	1	5/18/2006
trans-1,2-dichloroethene	BQL	1.00	1	5/18/2006
Methylene chloride	BQL	5.00	1	5/18/2006
1,1,2,2-Tetrachloroethane	BQL	1.00	1	5/18/2006
Tetrachloroethene	**290**	32.0	32	5/18/2006
Trichloroethene	**28.1**	1.00	1	5/18/2006
1,1,1-Trichloroethane	BQL	1.00	1	5/18/2006
Vinyl chloride	BQL	1.00	1	5/18/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.3	103
1,2-Dichloroethane-d4	10	10.5	105
Toluene-d8	10	10.1	101

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: [signature]

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-38dD
Client Project ID: NCD003237948
Lab Sample ID: G130-98-20B
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/9/2006 9:30
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	1.00	1	5/18/2006
1,2-Dichlorobenzene	BQL	1.00	1	5/18/2006
1,4-Dichlorobenzene	BQL	1.00	1	5/18/2006
1,1-Dichloroethene	BQL	1.00	1	5/18/2006
1,2-Dichloroethane	BQL	1.00	1	5/18/2006
trans-1,2-dichloroethene	BQL	1.00	1	5/18/2006
Methylene chloride	BQL	5.00	1	5/18/2006
1,1,2,2-Tetrachloroethane	BQL	1.00	1	5/18/2006
Tetrachloroethene	**73.0**	10.0	10	5/17/2006
Trichloroethene	**32.0**	1.00	1	5/18/2006
1,1,1-Trichloroethane	BQL	1.00	1	5/18/2006
Vinyl chloride	BQL	1.00	1	5/18/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.2	102
1,2-Dichloroethane-d4	10	10.4	104
Toluene-d8	10	10.7	107

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-35
Client Project ID: NCD003237948
Lab Sample ID: G130-98-22A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/9/2006 9:22
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	10.0	10	5/19/2006
1,2-Dichlorobenzene	BQL	10.0	10	5/19/2006
1,4-Dichlorobenzene	BQL	10.0	10	5/19/2006
1,1-Dichloroethene	BQL	10.0	10	5/19/2006
1,2-Dichloroethane	BQL	10.0	10	5/19/2006
trans-1,2-dichloroethene	BQL	10.0	10	5/19/2006
Methylene chloride	BQL	50.0	10	5/19/2006
1,1,2,2-Tetrachloroethane	BQL	10.0	10	5/19/2006
Tetrachloroethene	BQL	10.0	10	5/19/2006
Trichloroethene	**2600**	500	500	5/17/2006
1,1,1-Trichloroethane	BQL	10.0	10	5/19/2006
Vinyl chloride	BQL	10.0	10	5/19/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.6	105
1,2-Dichloroethane-d4	10	12	120
Toluene-d8	10	10.4	104

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-42
Client Project ID: NCD003237948
Lab Sample ID: G130-98-24A
Lab Project ID: G130-98

Analyzed By: JTF
Date Collected: 5/9/2006 9:07
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	1.00	1	5/13/2006
1,2-Dichlorobenzene	BQL	1.00	1	5/13/2006
1,4-Dichlorobenzene	BQL	1.00	1	5/13/2006
1,1-Dichloroethene	BQL	1.00	1	5/13/2006
1,2-Dichloroethane	BQL	1.00	1	5/13/2006
trans-1,2-dichloroethene	BQL	1.00	1	5/13/2006
Methylene chloride	BQL	5.00	1	5/13/2006
1,1,2,2-Tetrachloroethane	BQL	1.00	1	5/13/2006
Tetrachloroethene	BQL	1.00	1	5/13/2006
Trichloroethene	BQL	1.00	1	5/13/2006
1,1,1-Trichloroethane	BQL	1.00	1	5/13/2006
Vinyl chloride	BQL	1.00	1	5/13/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10	100
1,2-Dichloroethane-d4	10	10.6	106
Toluene-d8	10	9.76	98

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: E-8
Client Project ID: NCD003237948
Lab Sample ID: G130-98-26A
Lab Project ID: G130-98

Analyzed By: JTF
Date Collected: 5/9/2006 9:12
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	1.00	1	5/16/2006
1,2-Dichlorobenzene	BQL	1.00	1	5/16/2006
1,4-Dichlorobenzene	BQL	1.00	1	5/16/2006
1,1-Dichloroethene	BQL	1.00	1	5/16/2006
1,2-Dichloroethane	BQL	1.00	1	5/16/2006
trans-1,2-dichloroethene	BQL	1.00	1	5/16/2006
Methylene chloride	BQL	5.00	1	5/16/2006
1,1,2,2-Tetrachloroethane	BQL	1.00	1	5/16/2006
Tetrachloroethene	BQL	1.00	1	5/16/2006
Trichloroethene	BQL	1.00	1	5/16/2006
1,1,1-Trichloroethane	BQL	1.00	1	5/16/2006
Vinyl chloride	BQL	1.00	1	5/16/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.1	101
1,2-Dichloroethane-d4	10	11.1	111
Toluene-d8	10	9.88	99

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: E-10
Client Project ID: NCD003237948
Lab Sample ID: G130-98-27A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/9/2006 9:38
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	20.0	20	5/19/2006
1,2-Dichlorobenzene	BQL	20.0	20	5/19/2006
1,4-Dichlorobenzene	BQL	20.0	20	5/19/2006
1,1-Dichloroethene	BQL	20.0	20	5/19/2006
1,2-Dichloroethane	BQL	20.0	20	5/19/2006
trans-1,2-dichloroethene	BQL	20.0	20	5/19/2006
Methylene chloride	BQL	100	20	5/19/2006
1,1,2,2-Tetrachloroethane	BQL	20.0	20	5/19/2006
Tetrachloroethene	**320**	20.0	20	5/19/2006
Trichloroethene	**27.8**	20.0	20	5/19/2006
1,1,1-Trichloroethane	BQL	20.0	20	5/19/2006
Vinyl chloride	BQL	20.0	20	5/19/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.2	102
1,2-Dichloroethane-d4	10	11.2	112
Toluene-d8	10	10.2	102

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

SGS

Results for Volatiles by GCMS 8260B

Client Sample ID: TW-50
Client Project ID: NCD003237948
Lab Sample ID: G130-98-29A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/9/2006 12:42
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed	
Chlorobenzene	BQL	4.00	4	5/24/2006	
1,2-Dichlorobenzene	BQL	4.00	4	5/24/2006	
1,4-Dichlorobenzene	BQL	4.00	4	5/24/2006	
1,1-Dichloroethene	BQL	4.00	4	5/24/2006	
1,2-Dichloroethane	BQL	4.00	4	5/24/2006	
trans-1,2-dichloroethene	BQL	4.00	4	5/24/2006	
Methylene chloride	BQL	20.0	4	5/24/2006	
1,1,2,2-Tetrachloroethane	BQL	4.00	4	5/24/2006	
Tetrachloroethene	**888**	4.00	4	5/24/2006	E
Trichloroethene	**3480**	4.00	4	5/24/2006	E
1,1,1-Trichloroethane	BQL	4.00	4	5/24/2006	
Vinyl chloride	BQL	4.00	4	5/24/2006	

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.3	103
1,2-Dichloroethane-d4	10	10.3	103
Toluene-d8	10	11.7	117

Comments:

Analysis run outside of 14-day holding time limit.

Flags:

BQL = Below Quantitation Limits.
E = Estimated, above calibration range.

Reviewed By:

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-61
Client Project ID: NCD003237948
Lab Sample ID: G130-98-30A
Lab Project ID: G130-98

Analyzed By: JTF
Date Collected: 5/9/2006 13:05
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	1.00	1	5/16/2006
1,2-Dichlorobenzene	BQL	1.00	1	5/16/2006
1,4-Dichlorobenzene	BQL	1.00	1	5/16/2006
1,1-Dichloroethene	BQL	1.00	1	5/16/2006
1,2-Dichloroethane	BQL	1.00	1	5/16/2006
trans-1,2-dichloroethene	BQL	1.00	1	5/16/2006
Methylene chloride	BQL	5.00	1	5/16/2006
1,1,2,2-Tetrachloroethane	BQL	1.00	1	5/16/2006
Tetrachloroethene	BQL	1.00	1	5/16/2006
Trichloroethene	**1.61**	1.00	1	5/16/2006
1,1,1-Trichloroethane	BQL	1.00	1	5/16/2006
Vinyl chloride	BQL	1.00	1	5/16/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.2	102
1,2-Dichloroethane-d4	10	11.1	111
Toluene-d8	10	9.84	98

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-62S
Client Project ID: NCD003237948
Lab Sample ID: G130-98-31A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/9/2006 12:55
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	10.0	10	5/19/2006
1,2-Dichlorobenzene	BQL	10.0	10	5/19/2006
1,4-Dichlorobenzene	BQL	10.0	10	5/19/2006
1,1-Dichloroethene	BQL	10.0	10	5/19/2006
1,2-Dichloroethane	BQL	10.0	10	5/19/2006
trans-1,2-dichloroethene	BQL	10.0	10	5/19/2006
Methylene chloride	BQL	50.0	10	5/19/2006
1,1,2,2-Tetrachloroethane	BQL	10.0	10	5/19/2006
Tetrachloroethene	BQL	10.0	10	5/19/2006
Trichloroethene	**222**	10.0	10	5/19/2006
1,1,1-Trichloroethane	BQL	10.0	10	5/19/2006
Vinyl chloride	BQL	10.0	10	5/19/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.6	106
1,2-Dichloroethane-d4	10	11.6	116
Toluene-d8	10	10.3	103

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-63
Client Project ID: NCD003237948
Lab Sample ID: G130-98-33A
Lab Project ID: G130-98

Analyzed By: JTF
Date Collected: 5/9/2006 12:48
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	1.00	1	5/16/2006
1,2-Dichlorobenzene	BQL	1.00	1	5/16/2006
1,4-Dichlorobenzene	BQL	1.00	1	5/16/2006
1,1-Dichloroethene	BQL	1.00	1	5/16/2006
1,2-Dichloroethane	BQL	1.00	1	5/16/2006
trans-1,2-dichloroethene	BQL	1.00	1	5/16/2006
Methylene chloride	BQL	5.00	1	5/16/2006
1,1,2,2-Tetrachloroethane	BQL	1.00	1	5/16/2006
Tetrachloroethene	BQL	1.00	1	5/16/2006
Trichloroethene	BQL	1.00	1	5/16/2006
1,1,1-Trichloroethane	BQL	1.00	1	5/16/2006
Vinyl chloride	BQL	1.00	1	5/16/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	9.85	98
1,2-Dichloroethane-d4	10	11.2	112
Toluene-d8	10	9.85	98

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-70S
Client Project ID: NCD003237948
Lab Sample ID: G130-98-34A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/9/2006 12:25
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	20000	20000	5/19/2006
1,2-Dichlorobenzene	BQL	20000	20000	5/19/2006
1,4-Dichlorobenzene	BQL	20000	20000	5/19/2006
1,1-Dichloroethene	BQL	20000	20000	5/19/2006
1,2-Dichloroethane	BQL	20000	20000	5/19/2006
trans-1,2-dichloroethene	BQL	20000	20000	5/19/2006
Methylene chloride	BQL	100000	20000	5/19/2006
1,1,2,2-Tetrachloroethane	BQL	20000	20000	5/19/2006
Tetrachloroethene	**66000**	20000	20000	5/19/2006
Trichloroethene	BQL	20000	20000	5/19/2006
1,1,1-Trichloroethane	BQL	20000	20000	5/19/2006
Vinyl chloride	BQL	20000	20000	5/19/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.4	104
1,2-Dichloroethane-d4	10	12.9	129 #
Toluene-d8	10	10.4	104

Comments:

Flags:
BQL = Below Quantitation Limits.
# = Recovery above control limit.

Reviewed By: _____

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-70I
Client Project ID: NCD003237948
Lab Sample ID: G130-98-35A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/9/2006 12:30
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	5000	5000	5/19/2006
1,2-Dichlorobenzene	BQL	5000	5000	5/19/2006
1,4-Dichlorobenzene	BQL	5000	5000	5/19/2006
1,1-Dichloroethene	BQL	5000	5000	5/19/2006
1,2-Dichloroethane	BQL	5000	5000	5/19/2006
trans-1,2-dichloroethene	BQL	5000	5000	5/19/2006
Methylene chloride	BQL	25000	5000	5/19/2006
1,1,2,2-Tetrachloroethane	BQL	5000	5000	5/19/2006
Tetrachloroethene	**20600**	5000	5000	5/19/2006
Trichloroethene	BQL	5000	5000	5/19/2006
1,1,1-Trichloroethane	BQL	5000	5000	5/19/2006
Vinyl chloride	BQL	5000	5000	5/19/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.2	102
1,2-Dichloroethane-d4	10	12.4	124
Toluene-d8	10	10.2	102

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-71S
Client Project ID: NCD003237948
Lab Sample ID: G130-98-37A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/9/2006 11:15
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	4.00	4	5/23/2006
1,2-Dichlorobenzene	BQL	4.00	4	5/23/2006
1,4-Dichlorobenzene	BQL	4.00	4	5/23/2006
1,1-Dichloroethene	BQL	4.00	4	5/23/2006
1,2-Dichloroethane	BQL	4.00	4	5/23/2006
trans-1,2-dichloroethene	BQL	4.00	4	5/23/2006
Methylene chloride	BQL	20.0	4	5/23/2006
1,1,2,2-Tetrachloroethane	BQL	4.00	4	5/23/2006
Tetrachloroethene	**1060**	200	200	5/22/2006
Trichloroethene	**3400**	200	200	5/22/2006
1,1,1-Trichloroethane	BQL	4.00	4	5/23/2006
Vinyl chloride	BQL	4.00	4	5/23/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10	100
1,2-Dichloroethane-d4	10	10.9	109
Toluene-d8	10	10.7	106

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-71D
Client Project ID: NCD003237948
Lab Sample ID: G130-98-39A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/9/2006 11:05
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	16.0	16	5/23/2006
1,2-Dichlorobenzene	BQL	16.0	16	5/23/2006
1,4-Dichlorobenzene	BQL	16.0	16	5/23/2006
1,1-Dichloroethene	BQL	16.0	16	5/23/2006
1,2-Dichloroethane	BQL	16.0	16	5/23/2006
trans-1,2-dichloroethene	BQL	16.0	16	5/23/2006
Methylene chloride	BQL	80.0	16	5/23/2006
1,1,2,2-Tetrachloroethane	BQL	16.0	16	5/23/2006
Tetrachloroethene	**9110**	800	800	5/19/2006
Trichloroethene	**3060**	800	800	5/19/2006
1,1,1-Trichloroethane	BQL	16.0	16	5/23/2006
Vinyl chloride	BQL	16.0	16	5/23/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.1	101
1,2-Dichloroethane-d4	10	10.8	108
Toluene-d8	10	10.4	104

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: MW-71 2D
Client Project ID: NCD003237948
Lab Sample ID: G130-98-40A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/9/2006 11:00
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	2000	2000	5/26/2006
1,2-Dichlorobenzene	BQL	2000	2000	5/26/2006
1,4-Dichlorobenzene	BQL	2000	2000	5/26/2006
1,1-Dichloroethene	BQL	2000	2000	5/26/2006
1,2-Dichloroethane	BQL	2000	2000	5/26/2006
trans-1,2-dichloroethene	BQL	2000	2000	5/26/2006
Methylene chloride	BQL	10000	2000	5/26/2006
1,1,2,2-Tetrachloroethane	BQL	2000	2000	5/26/2006
Tetrachloroethene	**46900**	2000	2000	5/26/2006
Trichloroethene	**3380**	2000	2000	5/26/2006
1,1,1-Trichloroethane	BQL	2000	2000	5/26/2006
Vinyl chloride	BQL	2000	2000	5/26/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	11.4	114
1,2-Dichloroethane-d4	10	8.62	86
Toluene-d8	10	10.9	109

Comments:
Analysis completed outside of holding time limit.
Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: SS-1
Client Project ID: NCD003237948
Lab Sample ID: G130-98-41A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/9/2006 12:20
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	4000	4000	5/19/2006
1,2-Dichlorobenzene	BQL	4000	4000	5/19/2006
1,4-Dichlorobenzene	BQL	4000	4000	5/19/2006
1,1-Dichloroethene	BQL	4000	4000	5/19/2006
1,2-Dichloroethane	BQL	4000	4000	5/19/2006
trans-1,2-dichloroethene	BQL	4000	4000	5/19/2006
Methylene chloride	BQL	20000	4000	5/19/2006
1,1,2,2-Tetrachloroethane	BQL	4000	4000	5/19/2006
Tetrachloroethene	**41800**	4000	4000	5/19/2006
Trichloroethene	BQL	4000	4000	5/19/2006
1,1,1-Trichloroethane	BQL	4000	4000	5/19/2006
Vinyl chloride	BQL	4000	4000	5/19/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.3	103
1,2-Dichloroethane-d4	10	12	120
Toluene-d8	10	10.1	101

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: SS-8
Client Project ID: NCD003237948
Lab Sample ID: G130-98-42A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/9/2006 10:45
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	64.0	64	5/24/2006
1,2-Dichlorobenzene	BQL	64.0	64	5/24/2006
1,4-Dichlorobenzene	BQL	64.0	64	5/24/2006
1,1-Dichloroethene	BQL	64.0	64	5/24/2006
1,2-Dichloroethane	BQL	64.0	64	5/24/2006
trans-1,2-dichloroethene	BQL	64.0	64	5/24/2006
Methylene chloride	BQL	320	64	5/24/2006
1,1,2,2-Tetrachloroethane	BQL	64.0	64	5/24/2006
Tetrachloroethene	**67900**	3200	3200	5/26/2006
Trichloroethene	**7550**	3200	3200	5/26/2006
1,1,1-Trichloroethane	BQL	64.0	64	5/24/2006
Vinyl chloride	BQL	64.0	64	5/24/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.1	101
1,2-Dichloroethane-d4	10	11.1	111
Toluene-d8	10	10.3	103

Comments:
Analysis run outside of 14-day holding time limit.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: SS-10
Client Project ID: NCD003237948
Lab Sample ID: G130-98-44A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/9/2006 10:35
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	2.00	2	5/23/2006
1,2-Dichlorobenzene	BQL	2.00	2	5/23/2006
1,4-Dichlorobenzene	BQL	2.00	2	5/23/2006
1,1-Dichloroethene	BQL	2.00	2	5/23/2006
1,2-Dichloroethane	BQL	2.00	2	5/23/2006
trans-1,2-dichloroethene	BQL	2.00	2	5/23/2006
Methylene chloride	BQL	10.0	2	5/23/2006
1,1,2,2-Tetrachloroethane	BQL	2.00	2	5/23/2006
Tetrachloroethene	**3940**	80.0	80	5/19/2006
Trichloroethene	**826**	80.0	80	5/19/2006
1,1,1-Trichloroethane	BQL	2.00	2	5/23/2006
Vinyl chloride	BQL	2.00	2	5/23/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.1	101
1,2-Dichloroethane-d4	10	10.6	106
Toluene-d8	10	14	140 #

Comments:

Flags:
BQL = Below Quantitation Limits.
# = Recovery above control limit.

Reviewed By:

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: SS-17
Client Project ID: NCD003237948
Lab Sample ID: G130-98-45A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/9/2006 11:35
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	20.0	20	5/19/2006
1,2-Dichlorobenzene	BQL	20.0	20	5/19/2006
1,4-Dichlorobenzene	BQL	20.0	20	5/19/2006
1,1-Dichloroethene	BQL	20.0	20	5/19/2006
1,2-Dichloroethane	BQL	20.0	20	5/19/2006
trans-1,2-dichloroethene	BQL	20.0	20	5/19/2006
Methylene chloride	BQL	100	20	5/19/2006
1,1,2,2-Tetrachloroethane	BQL	20.0	20	5/19/2006
Tetrachloroethene	**577**	20.0	20	5/19/2006
Trichloroethene	**411**	20.0	20	5/19/2006
1,1,1-Trichloroethane	BQL	20.0	20	5/19/2006
Vinyl chloride	BQL	20.0	20	5/19/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.2	102
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	10.1	101

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: SS-18
Client Project ID: NCD003237948
Lab Sample ID: G130-98-46A
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/9/2006 11:25
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	500.0	500	5/26/2006
1,2-Dichlorobenzene	BQL	500.0	500	5/26/2006
1,4-Dichlorobenzene	BQL	500.0	500	5/26/2006
1,1-Dichloroethene	BQL	500.0	500	5/26/2006
1,2-Dichloroethane	BQL	500.0	500	5/26/2006
trans-1,2-dichloroethene	BQL	500.0	500	5/26/2006
Methylene chloride	BQL	2500.0	500	5/26/2006
1,1,2,2-Tetrachloroethane	BQL	500.0	500	5/26/2006
Tetrachloroethene	**1060**	500	500	5/26/2006
Trichloroethene	**12800**	500	500	5/26/2006
1,1,1-Trichloroethane	BQL	500.0	500	5/26/2006
Vinyl chloride	BQL	500.0	500	5/26/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.6	106
1,2-Dichloroethane-d4	10	7.56	76
Toluene-d8	10	11.3	113

Comments:
Analysis completed outside of holding time limit.

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: SS-19
Client Project ID: NCD003237948
Lab Sample ID: G130-98-47B
Lab Project ID: G130-98

Analyzed By: MJC
Date Collected: 5/9/2006 10:50
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	50.0	50	5/24/2006
1,2-Dichlorobenzene	BQL	50.0	50	5/24/2006
1,4-Dichlorobenzene	BQL	50.0	50	5/24/2006
1,1-Dichloroethene	BQL	50.0	50	5/24/2006
1,2-Dichloroethane	BQL	50.0	50	5/24/2006
trans-1,2-dichloroethene	BQL	50.0	50	5/24/2006
Methylene chloride	BQL	250	50	5/24/2006
1,1,2,2-Tetrachloroethane	BQL	50.0	50	5/24/2006
Tetrachloroethene	**89.5**	50.0	50	5/24/2006
Trichloroethene	**457**	50.0	50	5/24/2006
1,1,1-Trichloroethane	BQL	50.0	50	5/24/2006
Vinyl chloride	BQL	50.0	50	5/24/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.2	102
1,2-Dichloroethane-d4	10	10.2	102
Toluene-d8	10	10.3	103

Comments:
Analysis run outside of 14-day holding time limit.

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

SGS

List of Reporting Abbreviations and Data Qualifiers

B = Compound also detected in batch blank

BQL = Below Quantitation Limit (RL or MDL)

DF = Dilution Factor

Dup = Duplicate

D = Detected, but RPD is > 40% between results in dual column method.

E = Estimated concentration, exceeds calibration range.

J = Estimated concentration, below calibration range and above MDL

LCS(D) = Laboratory Control Spike (Duplicate)

MDL = Method Detection Limit

MS(D) = Matrix Spike (Duplicate)

PQL = Practical Quantitation Limit

RL = Reporting Limit

RPD = Relative Percent Difference

mg/kg = milligram per kilogram, ppm, parts per million

ug/kg = micrograms per kilogram, ppb, parts per billion

mg/L = milligram per liter, ppm, parts per million

ug/L = micrograms per liter, ppb, parts per billion

% Rec = Percent Recovery

% soilds = Percent Solids

Special Notes:

1) Metals and mercury samples are digested with a hot block, see the standard operating procedure document for details.

2) Uncertainty for all reported data is less than or equal to 30 percent.

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052403

(1)

CLIENT: General Electric

CONTACT: Gary McCurry PHONE NO:(828) 466 7821

PROJECT: NC D003237948 SITE/PWSID#:

REPORTS TO: General Electric
1223 Fairgrove Church Rd
Conover NC 28613
FAX NO.:(828) 466 7869

INVOICE TO: QUOTE #

P.O. NUMBER

SGS Reference: G130-98

PAGE 2 OF 5

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C= COMP, G= GRAB)	Preservatives Used: HCl	Analysis Required (3): 8260								REMARKS
	Poc 2CD	5-8-06	0917	H2O	3		✓									See Page 1
	mw-2	5-9-06	0810	"	"		✓									
	mw-9	"	0802	"	"		✓									
	mw-39	"	0805	"	"		✓									
	mw-12	"	0820	"	"		✓									
	mw-12A	"	0830	"	"		✓									
	mw-6A	"	0835	"	"		✓									
	mw-21A	"	0853	"	"		✓									
	mw-38d	"	0928	"	"		✓									
	mw-38dD	"	0930	"	"		✓									

Samples stored & shipped on ice

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
[signature]	5-9-06	1700	
Relinquished By: (2)	5/10/06	1140	Received By: [signature]
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Shipping Carrier:

Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature ∫C: 5.2°C, 4.6°C

Special Deliverable Requirements:

Chain of Custody Seal: (Circle)

INTACT BROKEN ABSENT

Requested Turnaround Time and Special Instructions:

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052405

(1)

CLIENT: General Electric

CONTACT: Gary Mecurry PHONE NO:(828) 466 7821

PROJECT: NC D003237948 SITE/PWSID#:

REPORTS TO: General Electric
1223 Fairgrove Church Rd
Conover NC 28613 FAX NO.:(828) 466 7869

INVOICE TO: QUOTE #

P.O. NUMBER

SGS Reference: G130-98

PAGE 4 OF 5

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C= COMP, G= GRAB)	Preservatives Used: HCl	Analysis Required (3): 8260								REMARKS
	MW-62S	5-9-06	1255	H2O	3		✓									See Page 1
	MW-62D	"	1300	"	"		✓									
	MW-63	"	1248	"	"		✓									
	MW-70S	"	1225	"	"		✓									
	MW-70I	"	1230	"	"		✓									
	MW-70D	"	1235	"	"		✓									
	MW-71S	"	1115	"	"		✓									
	MW-71I	"	1110	"	"		✓									
	MW-71D	"	1105	"	"		✓									
	MW-71D	"	1100	"	"		✓									

Samples stored & shipped on ice

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
[signature]	5-9-06	1700	
Relinquished By: (2)	5/10/06	1140	Received By: [signature]
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Shipping Carrier:

Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature ∫C: 5.2°C, 4.6°C

Special Deliverable Requirements:

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Requested Turnaround Time and Special Instructions:

SGS

RECEIVED
JUN 20 2006

Mr. Gary McCurry
General Electric Power
1223 Fairgrove Church Rd.
Conover NC 28613

Report Number: G130-97

Client Project: NCD003237948

Dear Mr. McCurry:

Enclosed are the results of the analytical services performed under the referenced project. The samples are certified to meet the requirements of the National Environmental Laboratory Accreditation Conference Standards. Copies of this report and supporting data will be retained in our files for a period of five years in the event they are required for future reference. Any samples submitted to our laboratory will will be retained for a maximum of thirty (30) days from the date of this report unless other arrangements are requested.

If there are any questions about the report or the services performed during this project, please call SGS/Paradigm at (910) 350-1903. We will be happy to answer any questions or concerns which you may have.

Thank you for using SGS/Paradigm Analytical Labs for your analytical services. We look forward to working with you again on any additional analytical needs which you may have.

Sincerely,
SGS/Paradigm Analytical Laboratories, Inc.

Laboratory Director — Date 6/7/2006
J. Patrick Weaver

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: Stream 2
Client Project ID: NCD003237948
Lab Sample ID: G130-97-2A
Lab Project ID: G130-97

Analyzed By: JTF
Date Collected: 5/9/2006 13:57
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	1.00	1	5/13/2006
1,2-Dichlorobenzene	BQL	1.00	1	5/13/2006
1,4-Dichlorobenzene	BQL	1.00	1	5/13/2006
1,1-Dichloroethene	BQL	1.00	1	5/13/2006
1,2-Dichloroethane	BQL	1.00	1	5/13/2006
trans-1,2-dichloroethene	BQL	1.00	1	5/13/2006
Methylene chloride	BQL	5.00	1	5/13/2006
1,1,2,2-Tetrachloroethane	BQL	1.00	1	5/13/2006
Tetrachloroethene	**16.2**	1.00	1	5/13/2006
Trichloroethene	**3.76**	1.00	1	5/13/2006
1,1,1-Trichloroethane	BQL	1.00	1	5/13/2006
Vinyl chloride	BQL	1.00	1	5/13/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.5	105
1,2-Dichloroethane-d4	10	9.74	97
Toluene-d8	10	9.66	97

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: Stream A
Client Project ID: NCD003237948
Lab Sample ID: G130-97-4B
Lab Project ID: G130-97

Analyzed By: MJC
Date Collected: 5/9/2006 14:15
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	1.00	1	5/19/2006
1,2-Dichlorobenzene	BQL	1.00	1	5/19/2006
1,4-Dichlorobenzene	BQL	1.00	1	5/19/2006
1,1-Dichloroethene	BQL	1.00	1	5/19/2006
1,2-Dichloroethane	BQL	1.00	1	5/19/2006
trans-1,2-dichloroethene	BQL	1.00	1	5/19/2006
Methylene chloride	BQL	5.00	1	5/19/2006
1,1,2,2-Tetrachloroethane	BQL	1.00	1	5/19/2006
Tetrachloroethene	**73.4**	10.0	10	5/18/2006
Trichloroethene	**23.7**	1.00	1	5/19/2006
1,1,1-Trichloroethane	BQL	1.00	1	5/19/2006
Vinyl chloride	BQL	1.00	1	5/19/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.2	102
1,2-Dichloroethane-d4	10	12.8	127 #
Toluene-d8	10	10.3	103

Comments:

Flags:
BQL = Below Quantitation Limits.
# = Recovery above control limit.

Reviewed By:

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: Stream C
Client Project ID: NCD003237948
Lab Sample ID: G130-97-6B
Lab Project ID: G130-97

Analyzed By: MJC
Date Collected: 5/9/2006 14:30
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	1.00	1	5/17/2006
1,2-Dichlorobenzene	BQL	1.00	1	5/17/2006
1,4-Dichlorobenzene	BQL	1.00	1	5/17/2006
1,1-Dichloroethene	BQL	1.00	1	5/17/2006
1,2-Dichloroethane	BQL	1.00	1	5/17/2006
trans-1,2-dichloroethene	BQL	1.00	1	5/17/2006
Methylene chloride	BQL	5.00	1	5/17/2006
1,1,2,2-Tetrachloroethane	BQL	1.00	1	5/17/2006
Tetrachloroethene	**355**	20.0	20	5/19/2006
Trichloroethene	**47.5**	5.00	5	5/16/2006
1,1,1-Trichloroethane	BQL	1.00	1	5/17/2006
Vinyl chloride	BQL	1.00	1	5/17/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	9.99	100
1,2-Dichloroethane-d4	10	11.6	116
Toluene-d8	10	10.1	101

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: Stream E
Client Project ID: NCD003237948
Lab Sample ID: G130-97-8A
Lab Project ID: G130-97

Analyzed By: JTF
Date Collected: 5/9/2006 14:40
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	1.00	1	5/13/2006
1,2-Dichlorobenzene	BQL	1.00	1	5/13/2006
1,4-Dichlorobenzene	BQL	1.00	1	5/13/2006
1,1-Dichloroethene	BQL	1.00	1	5/13/2006
1,2-Dichloroethane	BQL	1.00	1	5/13/2006
trans-1,2-dichloroethene	BQL	1.00	1	5/13/2006
Methylene chloride	BQL	5.00	1	5/13/2006
1,1,2,2-Tetrachloroethane	BQL	1.00	1	5/13/2006
Tetrachloroethene	**15.4**	1.00	1	5/13/2006
Trichloroethene	**1.62**	1.00	1	5/13/2006
1,1,1-Trichloroethane	BQL	1.00	1	5/13/2006
Vinyl chloride	BQL	1.00	1	5/13/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.7	107
1,2-Dichloroethane-d4	10	9.52	95
Toluene-d8	10	9.77	98

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

SGS

Results for Volatiles
by GCMS 8260B

Client Sample ID: Stream G
Client Project ID: NCD003237948
Lab Sample ID: G130-97-10A
Lab Project ID: G130-97

Analyzed By: JTF
Date Collected: 5/9/2006 13:40
Date Received: 5/10/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Chlorobenzene	BQL	1.00	1	5/13/2006
1,2-Dichlorobenzene	BQL	1.00	1	5/13/2006
1,4-Dichlorobenzene	BQL	1.00	1	5/13/2006
1,1-Dichloroethene	BQL	1.00	1	5/13/2006
1,2-Dichloroethane	BQL	1.00	1	5/13/2006
trans-1,2-dichloroethene	BQL	1.00	1	5/13/2006
Methylene chloride	BQL	5.00	1	5/13/2006
1,1,2,2-Tetrachloroethane	BQL	1.00	1	5/13/2006
Tetrachloroethene	BQL	1.00	1	5/13/2006
Trichloroethene	BQL	1.00	1	5/13/2006
1,1,1-Trichloroethane	BQL	1.00	1	5/13/2006
Vinyl chloride	BQL	1.00	1	5/13/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	9.93	99
1,2-Dichloroethane-d4	10	10.7	106
Toluene-d8	10	9.86	99

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By: _____

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(1)

CLIENT: General Electric

CONTACT: Gary McCurry PHONE NO:(828) 466 7821

PROJECT: NC D003237948 SITE/PWSID#:

REPORTS TO: General Electric
1223 Fairgrove Church Rd
Conover NC 28613 FAX NO.:(828) 466 7869

INVOICE TO: QUOTE #

P.O. NUMBER

SGS Reference: G130-97

PAGE 1 OF 1

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C= COMP, G= GRAB)	Preservatives Used: HCl	Analysis Required (3): 8260								REMARKS: Samples stored & shipped on ice
	Stream 1	5-9-06	1350	H2O	3	C	✓									Full Summary Report
	Stream 2	"	1357	"	"	"	✓									Minimum Quantification
	Stream 3	"	1407	"	"	"	✓									Limits for all
	Stream A	"	1415	"	"	"	✓									compounds
	Stream B	"	1422	"	"	"	✓									Special Report with
	Stream C	"	1430	"	"	"	✓									Low detection limits
	Stream D	"	1435	"	"	"	✓									Report undiluted RWS
	Stream E	"	1440	"	"	"	✓									
	Stream F	"	1335	"	"	"	✓									
	Stream G	"	1340	"	"	"	✓									

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
[signature]	5-9-06	1700	
Relinquished By: (2)	5/10/06	1140	Received By: [signature]
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Shipping Carrier:

Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature °C: 5.1°C

Special Deliverable Requirements:

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Requested Turnaround Time and Special Instructions:

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