CDM
5400 Glenwood Avenue, Suite 300
Raleigh, North Carolina 27612
tel: 919 787-5620
fax: 919 781-5730

November 2, 2006

Mr. Ethan Brown
Solid Waste Section
Division of Waste Management
401 Oberlin Road, Suite 150
Raleigh, North Carolina 27605-1350

Subject: October 2006 Semi-Annual Sampling Report
Stoney Mountain Road Sanitary Landfill
Hendersonville, North Carolina
Facility Permit # - 4501

Dear Mr. Brown:

CDM, on behalf of Henderson County, is submitting one copy of the October 2006 semi-annual sampling event report for the Stoney Mountain Road Sanitary Landfill in Henderson County. This report includes the sampling results and the statistical analysis for the October 2006 sampling event and is intended to address the reporting requirements under .1632(j).

Field Activities
Groundwater and surface water samples were collected on October 4 and 5, 2006. Groundwater samples from monitoring wells MW-5, MW-6, MW-7, MW-8, MW-9, and the assessment wells AMW-1s and AMW-1d were collected using disposable, laboratory decontaminated, Teflon™ bailers. Surface water samples were collected from BR-1, BR-2, BR-3, and SW-1.

Groundwater elevations were measured at each well prior to sampling and are presented in Table 1. The groundwater elevations were used to determine potentiometric contours and groundwater flow velocities. The potentiometric contours and well locations are presented on Figure 1. Groundwater flow velocities are presented in Table 2.

After the depth to groundwater was determined, three well volumes of water were removed from each well prior to sampling to ensure fresh formation water within the well water column. Each well volume and surface water sample was measured in the field for pH, conductivity, and temperature. The field parameters at the time of sampling are presented in Table 1.

metals plus detected Appendix II constituents (mercury, naphthalene, and phenols). Surface water samples were analyzed for the Appendix I VOC's and metals only.

Samples from the background well (MW-5) were below detection limits for all parameters.

Compliance well MW-6 had detections of barium, chromium, cobalt, lead, selenium, benzene, chlorobenzene, 1,2-dichlorobenzene, 1,4-dichlorobenzene, ethylbenzene, naphthalene, total xylenes, 2,4-dimethylphenol, 2-methylphenol, and 3&4-methylphenol. The quantification of cobalt exceeded the groundwater protection standard. The quantifications of benzene and 1,4-dichlorobenzene exceeded the North Carolina 2L Standard (2L). All other VOC, SVOC, and metal constituents were below detection limits.

Compliance well MW-7 had detections of cadmium, cobalt, chlorobenzene, 1,4-dichlorobenzene, and cis-1,2-dichloroethene. All detected constituents were below their respective 2L Standards and have been detected previously at similar concentrations, with the exception of cobalt and 1,4-dichlorobenzene. The quantification of cobalt exceeded the groundwater protection standard and the quantification of 1,4-dichlorobenzene exceeded the 2L Standard. All other VOC, SVOC, and metal constituents were below detection limits.

Compliance well MW-8 had detections of barium, 1,1-dichloroethane, cis-1,2-dichloroethene, methylene chloride, tetrachloroethene, trichloroethene, and total xylenes. The quantifications of methylene chloride, trichloroethene, and tetrachloroethene exceeded the North Carolina 2L Standard (2L). All other VOC, SVOC, and metal constituents were below detection limits.

All Appendix I and II VOC, SVOC, and metal constituents in MW-9 were below detection limits.

Samples from assessment well AW-1d were below detection limits for all Appendix I and II VOC, SVOC, and metal constituents. Samples from assessment well AW-1s had detections of cobalt and chlorobenzene. The quantification of cobalt exceeded the groundwater protection standard. All other VOC, SVOC, and metal constituents were below detection limits.

The surface water samples BR-1, BR-2, BR-3, and SW-1 were below detection limits for all Appendix I VOC and metal parameters.

The results of the trip blank and equipment blank samples were below detection limits for all parameters.

A summary of all detected VOC, SVOC, and metal constituents, with comparison to the NC2L and Groundwater Protection Standards for the October 2006 sampling event is presented in Table 1. A historical summary of detected VOC, SVOC, and metal constituents is provided in Table 4. An electronic copy of the lab data is included.

Statistical Analysis
Statistical analysis was performed for all detected constituents in the groundwater samples. Data from the downgradient compliance wells were compared statistically to data from the background well using either an ANOVA comparison or the Test of Proportions. The ANOVA comparison was used for all VOC detections. The ANOVA comparison was also used for the metal's comparisons where greater than 50% of the data were above detection limits. While using the ANOVA comparison, in instances where results were below detection limits, a value of one-half of the detection limits was substituted. The Test of Proportions was used only for metal's comparisons where greater than 50% of the data was non-detect.

ANOVA comparisons of cobalt, benzene, chlorobenzene, 1,4-dichlorobenzene, ethylbenzene, and total xylenes in MW-6 found the detections to be significant.

The detections of chlorobenzene, 1,4-dichlorobenzene, and cis-1,2-dichloroethene in MW-7 were determined to be statistically significant by the ANOVA method. The detections of cobalt and cadmium were found to be significant by the Test of Proportions.

ANOVA comparisons of barium, 1,1-dichloroethane, cis-1,2-dichloroethene, methylene chloride, tetrachloroethene, trichloroethene, and total xylenes in MW-8 found the detections to be significant.

ANOVA comparisons of cobalt and chlorobenzene in samples from AMW-1s found the detections to be statistically significant.

Because MW-9 is downgradient of a cell closed prior to 1993, no statistical analyses were performed on the MW-9 detections. Table 3 presents all parameters that exceeded the 2L or Groundwater Protection Standard or were statistically significant during the October 2006 sampling event.

Conclusion
Future sampling events should continue to include analysis of the Appendix I constituents plus the detected Appendix II constituents (mercury, naphthalene, and phenols). Assessment

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monitoring wells AMW-1s and AMW-1d will continue to be sampled on a semi-annual basis, to monitor for any contaminant migration.

Total VOC concentration trends for MW-8 and MW-9 are presented in Figures 2 and 3. In the instances where results were below detection limits, a value equal to one-half the detection limits was used. Trend results for each well are discussed below. The figures are provided following this letter.

Figure 2 presents a total VOC concentration trend analysis from samples from MW-8. The trend line indicates a steady increase in concentrations from the February 1995 sampling event until the highest concentrations detected during the April 2002 sampling event. Based on data from April 2003 until the most recent data, total VOC concentrations have been decreasing with the exception of a slight increase during the October 2004 sampling event.

Figure 3 presents a total VOC concentration trend analysis from samples from MW-9. The trend appears to have increased from the February 1995 sampling event until the October 1999 sampling event with concentrations steadily decreasing since the April 2002 sampling event. All VOCs were below detection limits for this event.

If you have any questions or require further explanation, do not hesitate to call me at (919) 787-5620.

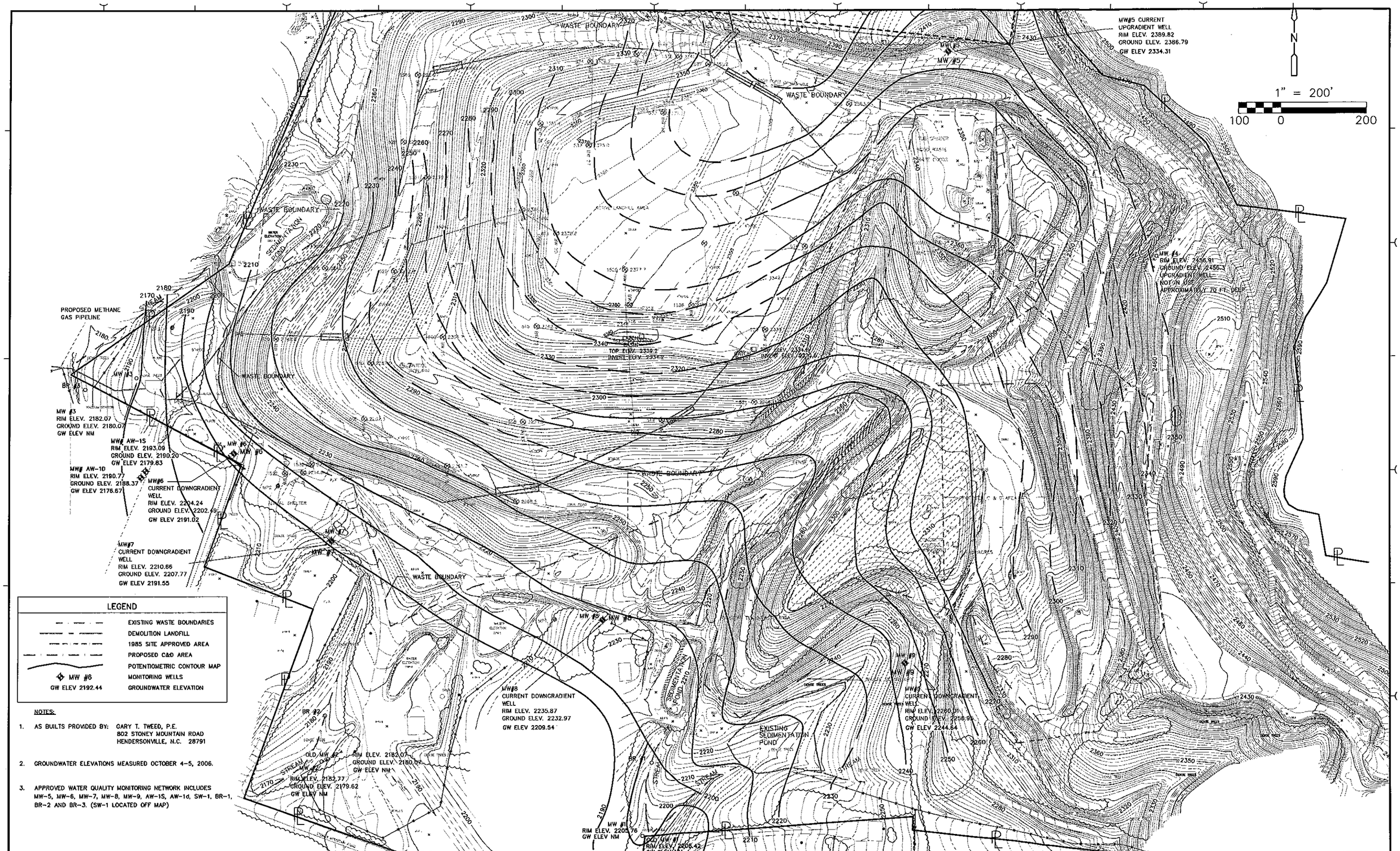
Very truly yours,

Mathew F. Colone, P.G.
Camp Dresser & McKee

NORTH CAROLINA LICENSED SEAL 1851 GEOLOGIST MATHEW F. COLONE

11/2/2006

xc: Gary Tweed, P.E. Henderson County
Bob Brossoie/File



NOTES:

1. AS BUILTS PROVIDED BY: GARY T. TWEED, P.E.
   802 STONEY MOUNTAIN ROAD
   HENDERSONVILLE, N.C. 28791

2. GROUNDWATER ELEVATIONS MEASURED OCTOBER 4–5, 2006.

3. APPROVED WATER QUALITY MONITORING NETWORK INCLUDES MW-5, MW-6, MW-7, MW-8, MW-9, AW-1S, AW-1d, SW-1, BR-1, BR-2 AND BR-3. (SW-1 LOCATED OFF MAP)

REV. NO.	DATE	DRWN	CHKD	REMARKS
1	5/98	NER	TDG	REVISED GROUNDWATER ELEVATIONS AND POTENTIOMETRIC CONTOURS
2	11/98	NER	MFC	REVISED GROUNDWATER ELEVATIONS AND POTENTIOMETRIC CONTOURS
3	6/99	JDB	MFC	REVISED GROUNDWATER ELEVATIONS AND POTENTIOMETRIC CONTOURS
4	1/00	JSK	MFC	REVISED GROUNDWATER ELEVATIONS AND POTENTIOMETRIC CONTOURS
5	5/00	JDB	TDG	REVISED GROUNDWATER ELEVATIONS AND POTENTIOMETRIC CONTOURS

DESIGNED BY: D. FORBES
DRAWN BY: P. DOUGLAS
SHEET CHK'D BY: J. BOYER
CROSS CHK'D BY:
APPROVED BY:
DATE: OCTOBER 2006

CDM Camp Dresser & McKee
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HENDERSON COUNTY
NORTH CAROLINA

STONEY MOUNTAIN ROAD SANITARY LANDFILL

MONITORING WELL LOCATION AND POTENTIOMETRIC CONTOUR MAP

PROJECT NO. 10002-54471
FILE NAME: HCMAY2002.dwg

SHEET NO.
1

RALSVR1\CAD L:\CDM-OEC\HCMOV2001.DWG EDITED BY: DOUGLASPW 11/13/01 11:58 SCALE: 1"=1' (1:1) F21-1117 02/01/00 10:44:19 9:22:45 Killingsworth.js

SGS

Mr. Dan Forbes
Camp, Dresser & McKee
5400 Gl;enwood Ave.
Raleigh NC 27612

Report Number: G175-566

Client Project: Henderson County Closed Landfill

Dear Mr. Forbes:

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 10/25/2006 Date
J. Patrick Weaver

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-6
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-1A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/4/2006 13:05
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	100	1	10/11/2006
Acrylonitrile	BQL	200	1	10/11/2006
Benzene	**6.80**	5.00	1	10/11/2006
Bromochloromethane	BQL	5.00	1	10/11/2006
Bromodichloromethane	BQL	5.00	1	10/11/2006
Bromoform	BQL	5.00	1	10/11/2006
Methyl bromide	BQL	10.0	1	10/11/2006
MEK (2-Butanone)	BQL	100	1	10/11/2006
Carbon disulfide	BQL	100	1	10/11/2006
Carbon tetrachloride	BQL	10.0	1	10/11/2006
Chlorobenzene	**9.49**	5.00	1	10/11/2006
Chloroethane	BQL	10.0	1	10/11/2006
Chloroform	BQL	5.00	1	10/11/2006
Methyl chloride	BQL	10.0	1	10/11/2006
Chlorodibromomethane	BQL	5.00	1	10/11/2006
DBCP (1,2-Dibromo-3-chloropropane)	BQL	25.0	1	10/11/2006
Methylene bromide	BQL	10.0	1	10/11/2006
Ethylene dibromide (EDB)	BQL	5.00	1	10/11/2006
o-Dichlorobenzene	**9.82**	5.00	1	10/11/2006
m-Dichlorobenzene	BQL	5.00	1	10/11/2006
p-Dichlorobenzene	**18.5**	5.00	1	10/11/2006
t-1,4-Dichloro-2-butene	BQL	100	1	10/11/2006
1,1-Dichloroethane	BQL	5.00	1	10/11/2006
Vinylidene chloride	BQL	5.00	1	10/11/2006
Ethylene dichloride	BQL	5.00	1	10/11/2006
cis-1,2-Dichloroethene	BQL	5.00	1	10/11/2006
t-1,2-dichloroethene	BQL	5.00	1	10/11/2006
Propylene Dichloride	BQL	5.00	1	10/11/2006
cis-1,3-Dichloropropene	BQL	10.0	1	10/11/2006
t-1,3-Dichloropropene	BQL	10.0	1	10/11/2006
Ethylbenzene	**15.7**	5.00	1	10/11/2006
Methyl butyl ketone	BQL	50.0	1	10/11/2006
Methyl iodide	BQL	10.0	1	10/11/2006
Methylene chloride	BQL	10.0	1	10/11/2006
Methyl isobutyl ketone	BQL	100	1	10/11/2006
Naphthalene	**5.84**	5.00	1	10/11/2006
Styrene	BQL	10.0	1	10/11/2006
1,1,1,2-Tetrachloroethane	BQL	5.00	1	10/11/2006
1,1,2,2-Tetrachloroethane	BQL	5.00	1	10/11/2006
Tetrachloroethylene	BQL	5.00	1	10/11/2006
Toluene	BQL	5.00	1	10/11/2006
Trichloroethene	BQL	5.00	1	10/11/2006

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-6
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-1A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/4/2006 13:05
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
1,1,1-Trichloroethane	BQL	5.00	1	10/11/2006
1,1,2-Trichloroethane	BQL	5.00	1	10/11/2006
CFC-11 (Trichlorofluoromethane)	BQL	5.00	1	10/11/2006
1,2,3-Trichloropropane	BQL	15.0	1	10/11/2006
Vinyl acetate	BQL	50.0	1	10/11/2006
Vinyl chloride	BQL	10.0	1	10/11/2006
m-,p-Xylene	**49.4**	2.00	1	10/11/2006
o-Xylene	**9.31**	2.00	1	10/11/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.1	101
1,2-Dichloroethane-d4	10	9.66	97
Toluene-d8	10	9.9	99

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: BR-3
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-2A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/4/2006 13:30
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	100	1	10/11/2006
Acrylonitrile	BQL	200	1	10/11/2006
Benzene	BQL	5.00	1	10/11/2006
Bromochloromethane	BQL	5.00	1	10/11/2006
Bromodichloromethane	BQL	5.00	1	10/11/2006
Bromoform	BQL	5.00	1	10/11/2006
Methyl bromide	BQL	10.0	1	10/11/2006
MEK (2-Butanone)	BQL	100	1	10/11/2006
Carbon disulfide	BQL	100	1	10/11/2006
Carbon tetrachloride	BQL	10.0	1	10/11/2006
Chlorobenzene	BQL	5.00	1	10/11/2006
Chloroethane	BQL	10.0	1	10/11/2006
Chloroform	BQL	5.00	1	10/11/2006
Methyl chloride	BQL	10.0	1	10/11/2006
Chlorodibromomethane	BQL	5.00	1	10/11/2006
DBCP (1,2-Dibromo-3-chloropropane)	BQL	25.0	1	10/11/2006
Methylene bromide	BQL	10.0	1	10/11/2006
Ethylene dibromide (EDB)	BQL	5.00	1	10/11/2006
o-Dichlorobenzene	BQL	5.00	1	10/11/2006
m-Dichlorobenzene	BQL	5.00	1	10/11/2006
p-Dichlorobenzene	BQL	5.00	1	10/11/2006
t-1,4-Dichloro-2-butene	BQL	100	1	10/11/2006
1,1-Dichloroethane	BQL	5.00	1	10/11/2006
Vinylidene chloride	BQL	5.00	1	10/11/2006
Ethylene dichloride	BQL	5.00	1	10/11/2006
cis-1,2-Dichloroethene	BQL	5.00	1	10/11/2006
t-1,2-dichloroethene	BQL	5.00	1	10/11/2006
Propylene Dichloride	BQL	5.00	1	10/11/2006
cis-1,3-Dichloropropene	BQL	10.0	1	10/11/2006
t-1,3-Dichloropropene	BQL	10.0	1	10/11/2006
Ethylbenzene	BQL	5.00	1	10/11/2006
Methyl butyl ketone	BQL	50.0	1	10/11/2006
Methyl iodide	BQL	10.0	1	10/11/2006
Methylene chloride	BQL	10.0	1	10/11/2006
Methyl isobutyl ketone	BQL	100	1	10/11/2006
Styrene	BQL	10.0	1	10/11/2006
1,1,1,2-Tetrachloroethane	BQL	5.00	1	10/11/2006
1,1,2,2-Tetrachloroethane	BQL	5.00	1	10/11/2006
Tetrachloroethylene	BQL	5.00	1	10/11/2006
Toluene	BQL	5.00	1	10/11/2006
Trichloroethene	BQL	5.00	1	10/11/2006
1,1,1-Trichloroethane	BQL	5.00	1	10/11/2006

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: BR-3
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-2A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/4/2006 13:30
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
1,1,2-Trichloroethane	BQL	5.00	1	10/11/2006
CFC-11 (Trichlorofluoromethane)	BQL	5.00	1	10/11/2006
1,2,3-Trichloropropane	BQL	15.0	1	10/11/2006
Vinyl acetate	BQL	50.0	1	10/11/2006
Vinyl chloride	BQL	10.0	1	10/11/2006
m-,p-Xylene	BQL	2.00	1	10/11/2006
o-Xylene	BQL	2.00	1	10/11/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	9.88	99
1,2-Dichloroethane-d4	10	9.66	97
Toluene-d8	10	9.89	99

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: AW-1d
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-3A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/4/2006 15:00
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	100	1	10/11/2006
Acrylonitrile	BQL	200	1	10/11/2006
Benzene	BQL	5.00	1	10/11/2006
Bromochloromethane	BQL	5.00	1	10/11/2006
Bromodichloromethane	BQL	5.00	1	10/11/2006
Bromoform	BQL	5.00	1	10/11/2006
Methyl bromide	BQL	10.0	1	10/11/2006
MEK (2-Butanone)	BQL	100	1	10/11/2006
Carbon disulfide	BQL	100	1	10/11/2006
Carbon tetrachloride	BQL	10.0	1	10/11/2006
Chlorobenzene	BQL	5.00	1	10/11/2006
Chloroethane	BQL	10.0	1	10/11/2006
Chloroform	BQL	5.00	1	10/11/2006
Methyl chloride	BQL	10.0	1	10/11/2006
Chlorodibromomethane	BQL	5.00	1	10/11/2006
DBCP (1,2-Dibromo-3-chloropropane)	BQL	25.0	1	10/11/2006
Methylene bromide	BQL	10.0	1	10/11/2006
Ethylene dibromide (EDB)	BQL	5.00	1	10/11/2006
o-Dichlorobenzene	BQL	5.00	1	10/11/2006
m-Dichlorobenzene	BQL	5.00	1	10/11/2006
p-Dichlorobenzene	BQL	5.00	1	10/11/2006
t-1,4-Dichloro-2-butene	BQL	100	1	10/11/2006
1,1-Dichloroethane	BQL	5.00	1	10/11/2006
Vinylidene chloride	BQL	5.00	1	10/11/2006
Ethylene dichloride	BQL	5.00	1	10/11/2006
cis-1,2-Dichloroethene	BQL	5.00	1	10/11/2006
t-1,2-dichloroethene	BQL	5.00	1	10/11/2006
Propylene Dichloride	BQL	5.00	1	10/11/2006
cis-1,3-Dichloropropene	BQL	10.0	1	10/11/2006
t-1,3-Dichloropropene	BQL	10.0	1	10/11/2006
Ethylbenzene	BQL	5.00	1	10/11/2006
Methyl butyl ketone	BQL	50.0	1	10/11/2006
Methyl iodide	BQL	10.0	1	10/11/2006
Methylene chloride	BQL	10.0	1	10/11/2006
Methyl isobutyl ketone	BQL	100	1	10/11/2006
Naphthalene	BQL	5.00	1	10/11/2006
Styrene	BQL	10.0	1	10/11/2006
1,1,1,2-Tetrachloroethane	BQL	5.00	1	10/11/2006
1,1,2,2-Tetrachloroethane	BQL	5.00	1	10/11/2006
Tetrachloroethylene	BQL	5.00	1	10/11/2006
Toluene	BQL	5.00	1	10/11/2006
Trichloroethene	BQL	5.00	1	10/11/2006

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: AW-1d
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-3A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/4/2006 15:00
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
1,1,1-Trichloroethane	BQL	5.00	1	10/11/2006
1,1,2-Trichloroethane	BQL	5.00	1	10/11/2006
CFC-11 (Trichlorofluoromethane)	BQL	5.00	1	10/11/2006
1,2,3-Trichloropropane	BQL	15.0	1	10/11/2006
Vinyl acetate	BQL	50.0	1	10/11/2006
Vinyl chloride	BQL	10.0	1	10/11/2006
m-,p-Xylene	BQL	2.00	1	10/11/2006
o-Xylene	BQL	2.00	1	10/11/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10	100
1,2-Dichloroethane-d4	10	9.77	98
Toluene-d8	10	9.89	99

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

SGS

Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: AW-1s
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-4A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/4/2006 14:45
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	100	1	10/11/2006
Acrylonitrile	BQL	200	1	10/11/2006
Benzene	BQL	5.00	1	10/11/2006
Bromochloromethane	BQL	5.00	1	10/11/2006
Bromodichloromethane	BQL	5.00	1	10/11/2006
Bromoform	BQL	5.00	1	10/11/2006
Methyl bromide	BQL	10.0	1	10/11/2006
MEK (2-Butanone)	BQL	100	1	10/11/2006
Carbon disulfide	BQL	100	1	10/11/2006
Carbon tetrachloride	BQL	10.0	1	10/11/2006
Chlorobenzene	**16.2**	5.00	1	10/11/2006
Chloroethane	BQL	10.0	1	10/11/2006
Chloroform	BQL	5.00	1	10/11/2006
Methyl chloride	BQL	10.0	1	10/11/2006
Chlorodibromomethane	BQL	5.00	1	10/11/2006
DBCP (1,2-Dibromo-3-chloropropane)	BQL	25.0	1	10/11/2006
Methylene bromide	BQL	10.0	1	10/11/2006
Ethylene dibromide (EDB)	BQL	5.00	1	10/11/2006
o-Dichlorobenzene	BQL	5.00	1	10/11/2006
m-Dichlorobenzene	BQL	5.00	1	10/11/2006
p-Dichlorobenzene	BQL	5.00	1	10/11/2006
t-1,4-Dichloro-2-butene	BQL	100	1	10/11/2006
1,1-Dichloroethane	BQL	5.00	1	10/11/2006
Vinylidene chloride	BQL	5.00	1	10/11/2006
Ethylene dichloride	BQL	5.00	1	10/11/2006
cis-1,2-Dichloroethene	BQL	5.00	1	10/11/2006
t-1,2-dichloroethene	BQL	5.00	1	10/11/2006
Propylene Dichloride	BQL	5.00	1	10/11/2006
cis-1,3-Dichloropropene	BQL	10.0	1	10/11/2006
t-1,3-Dichloropropene	BQL	10.0	1	10/11/2006
Ethylbenzene	BQL	5.00	1	10/11/2006
Methyl butyl ketone	BQL	50.0	1	10/11/2006
Methyl iodide	BQL	10.0	1	10/11/2006
Methylene chloride	BQL	10.0	1	10/11/2006
Methyl isobutyl ketone	BQL	100	1	10/11/2006
Naphthalene	BQL	5.00	1	10/11/2006
Styrene	BQL	10.0	1	10/11/2006
1,1,1,2-Tetrachloroethane	BQL	5.00	1	10/11/2006
1,1,2,2-Tetrachloroethane	BQL	5.00	1	10/11/2006
Tetrachloroethylene	BQL	5.00	1	10/11/2006
Toluene	BQL	5.00	1	10/11/2006
Trichloroethene	BQL	5.00	1	10/11/2006

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: AW-1s
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-4A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/4/2006 14:45
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
1,1,1-Trichloroethane	BQL	5.00	1	10/11/2006
1,1,2-Trichloroethane	BQL	5.00	1	10/11/2006
CFC-11 (Trichlorofluoromethane)	BQL	5.00	1	10/11/2006
1,2,3-Trichloropropane	BQL	15.0	1	10/11/2006
Vinyl acetate	BQL	50.0	1	10/11/2006
Vinyl chloride	BQL	10.0	1	10/11/2006
m-,p-Xylene	BQL	2.00	1	10/11/2006
o-Xylene	BQL	2.00	1	10/11/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	9.91	99
1,2-Dichloroethane-d4	10	9.63	96
Toluene-d8	10	9.91	99

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: BR-2
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-5A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/4/2006 15:30
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	100	1	10/11/2006
Acrylonitrile	BQL	200	1	10/11/2006
Benzene	BQL	5.00	1	10/11/2006
Bromochloromethane	BQL	5.00	1	10/11/2006
Bromodichloromethane	BQL	5.00	1	10/11/2006
Bromoform	BQL	5.00	1	10/11/2006
Methyl bromide	BQL	10.0	1	10/11/2006
MEK (2-Butanone)	BQL	100	1	10/11/2006
Carbon disulfide	BQL	100	1	10/11/2006
Carbon tetrachloride	BQL	10.0	1	10/11/2006
Chlorobenzene	BQL	5.00	1	10/11/2006
Chloroethane	BQL	10.0	1	10/11/2006
Chloroform	BQL	5.00	1	10/11/2006
Methyl chloride	BQL	10.0	1	10/11/2006
Chlorodibromomethane	BQL	5.00	1	10/11/2006
DBCP (1,2-Dibromo-3-chloropropane)	BQL	25.0	1	10/11/2006
Methylene bromide	BQL	10.0	1	10/11/2006
Ethylene dibromide (EDB)	BQL	5.00	1	10/11/2006
o-Dichlorobenzene	BQL	5.00	1	10/11/2006
m-Dichlorobenzene	BQL	5.00	1	10/11/2006
p-Dichlorobenzene	BQL	5.00	1	10/11/2006
t-1,4-Dichloro-2-butene	BQL	100	1	10/11/2006
1,1-Dichloroethane	BQL	5.00	1	10/11/2006
Vinylidene chloride	BQL	5.00	1	10/11/2006
Ethylene dichloride	BQL	5.00	1	10/11/2006
cis-1,2-Dichloroethene	BQL	5.00	1	10/11/2006
t-1,2-dichloroethene	BQL	5.00	1	10/11/2006
Propylene Dichloride	BQL	5.00	1	10/11/2006
cis-1,3-Dichloropropene	BQL	10.0	1	10/11/2006
t-1,3-Dichloropropene	BQL	10.0	1	10/11/2006
Ethylbenzene	BQL	5.00	1	10/11/2006
Methyl butyl ketone	BQL	50.0	1	10/11/2006
Methyl iodide	BQL	10.0	1	10/11/2006
Methylene chloride	BQL	10.0	1	10/11/2006
Methyl isobutyl ketone	BQL	100	1	10/11/2006
Styrene	BQL	10.0	1	10/11/2006
1,1,1,2-Tetrachloroethane	BQL	5.00	1	10/11/2006
1,1,2,2-Tetrachloroethane	BQL	5.00	1	10/11/2006
Tetrachloroethylene	BQL	5.00	1	10/11/2006
Toluene	BQL	5.00	1	10/11/2006
Trichloroethene	BQL	5.00	1	10/11/2006
1,1,1-Trichloroethane	BQL	5.00	1	10/11/2006

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: BR-2
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-5A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/4/2006 15:30
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
1,1,2-Trichloroethane	BQL	5.00	1	10/11/2006
CFC-11 (Trichlorofluoromethane)	BQL	5.00	1	10/11/2006
1,2,3-Trichloropropane	BQL	15.0	1	10/11/2006
Vinyl acetate	BQL	50.0	1	10/11/2006
Vinyl chloride	BQL	10.0	1	10/11/2006
m-,p-Xylene	BQL	2.00	1	10/11/2006
o-Xylene	BQL	2.00	1	10/11/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	9.89	99
1,2-Dichloroethane-d4	10	9.74	97
Toluene-d8	10	9.88	99

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-5
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-6A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/4/2006 17:00
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	100	1	10/11/2006
Acrylonitrile	BQL	200	1	10/11/2006
Benzene	BQL	5.00	1	10/11/2006
Bromochloromethane	BQL	5.00	1	10/11/2006
Bromodichloromethane	BQL	5.00	1	10/11/2006
Bromoform	BQL	5.00	1	10/11/2006
Methyl bromide	BQL	10.0	1	10/11/2006
MEK (2-Butanone)	BQL	100	1	10/11/2006
Carbon disulfide	BQL	100	1	10/11/2006
Carbon tetrachloride	BQL	10.0	1	10/11/2006
Chlorobenzene	BQL	5.00	1	10/11/2006
Chloroethane	BQL	10.0	1	10/11/2006
Chloroform	BQL	5.00	1	10/11/2006
Methyl chloride	BQL	10.0	1	10/11/2006
Chlorodibromomethane	BQL	5.00	1	10/11/2006
DBCP (1,2-Dibromo-3-chloropropane)	BQL	25.0	1	10/11/2006
Methylene bromide	BQL	10.0	1	10/11/2006
Ethylene dibromide (EDB)	BQL	5.00	1	10/11/2006
o-Dichlorobenzene	BQL	5.00	1	10/11/2006
m-Dichlorobenzene	BQL	5.00	1	10/11/2006
p-Dichlorobenzene	BQL	5.00	1	10/11/2006
t-1,4-Dichloro-2-butene	BQL	100	1	10/11/2006
1,1-Dichloroethane	BQL	5.00	1	10/11/2006
Vinylidene chloride	BQL	5.00	1	10/11/2006
Ethylene dichloride	BQL	5.00	1	10/11/2006
cis-1,2-Dichloroethene	BQL	5.00	1	10/11/2006
t-1,2-dichloroethene	BQL	5.00	1	10/11/2006
Propylene Dichloride	BQL	5.00	1	10/11/2006
cis-1,3-Dichloropropene	BQL	10.0	1	10/11/2006
t-1,3-Dichloropropene	BQL	10.0	1	10/11/2006
Ethylbenzene	BQL	5.00	1	10/11/2006
Methyl butyl ketone	BQL	50.0	1	10/11/2006
Methyl iodide	BQL	10.0	1	10/11/2006
Methylene chloride	BQL	10.0	1	10/11/2006
Methyl isobutyl ketone	BQL	100	1	10/11/2006
Naphthalene	BQL	5.00	1	10/11/2006
Styrene	BQL	10.0	1	10/11/2006
1,1,1,2-Tetrachloroethane	BQL	5.00	1	10/11/2006
1,1,2,2-Tetrachloroethane	BQL	5.00	1	10/11/2006
Tetrachloroethylene	BQL	5.00	1	10/11/2006
Toluene	BQL	5.00	1	10/11/2006
Trichloroethene	BQL	5.00	1	10/11/2006

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-5
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-6A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/4/2006 17:00
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
1,1,1-Trichloroethane	BQL	5.00	1	10/11/2006
1,1,2-Trichloroethane	BQL	5.00	1	10/11/2006
CFC-11 (Trichlorofluoromethane)	BQL	5.00	1	10/11/2006
1,2,3-Trichloropropane	BQL	15.0	1	10/11/2006
Vinyl acetate	BQL	50.0	1	10/11/2006
Vinyl chloride	BQL	10.0	1	10/11/2006
m-,p-Xylene	BQL	2.00	1	10/11/2006
o-Xylene	BQL	2.00	1	10/11/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	9.81	98
1,2-Dichloroethane-d4	10	9.68	97
Toluene-d8	10	9.79	98

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: BR-1
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-7A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/4/2006 17:15
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	100	1	10/11/2006
Acrylonitrile	BQL	200	1	10/11/2006
Benzene	BQL	5.00	1	10/11/2006
Bromochloromethane	BQL	5.00	1	10/11/2006
Bromodichloromethane	BQL	5.00	1	10/11/2006
Bromoform	BQL	5.00	1	10/11/2006
Methyl bromide	BQL	10.0	1	10/11/2006
MEK (2-Butanone)	BQL	100	1	10/11/2006
Carbon disulfide	BQL	100	1	10/11/2006
Carbon tetrachloride	BQL	10.0	1	10/11/2006
Chlorobenzene	BQL	5.00	1	10/11/2006
Chloroethane	BQL	10.0	1	10/11/2006
Chloroform	BQL	5.00	1	10/11/2006
Methyl chloride	BQL	10.0	1	10/11/2006
Chlorodibromomethane	BQL	5.00	1	10/11/2006
DBCP (1,2-Dibromo-3-chloropropane)	BQL	25.0	1	10/11/2006
Methylene bromide	BQL	10.0	1	10/11/2006
Ethylene dibromide (EDB)	BQL	5.00	1	10/11/2006
o-Dichlorobenzene	BQL	5.00	1	10/11/2006
m-Dichlorobenzene	BQL	5.00	1	10/11/2006
p-Dichlorobenzene	BQL	5.00	1	10/11/2006
t-1,4-Dichloro-2-butene	BQL	100	1	10/11/2006
1,1-Dichloroethane	BQL	5.00	1	10/11/2006
Vinylidene chloride	BQL	5.00	1	10/11/2006
Ethylene dichloride	BQL	5.00	1	10/11/2006
cis-1,2-Dichloroethene	BQL	5.00	1	10/11/2006
t-1,2-dichloroethene	BQL	5.00	1	10/11/2006
Propylene Dichloride	BQL	5.00	1	10/11/2006
cis-1,3-Dichloropropene	BQL	10.0	1	10/11/2006
t-1,3-Dichloropropene	BQL	10.0	1	10/11/2006
Ethylbenzene	BQL	5.00	1	10/11/2006
Methyl butyl ketone	BQL	50.0	1	10/11/2006
Methyl iodide	BQL	10.0	1	10/11/2006
Methylene chloride	BQL	10.0	1	10/11/2006
Methyl isobutyl ketone	BQL	100	1	10/11/2006
Styrene	BQL	10.0	1	10/11/2006
1,1,1,2-Tetrachloroethane	BQL	5.00	1	10/11/2006
1,1,2,2-Tetrachloroethane	BQL	5.00	1	10/11/2006
Tetrachloroethylene	BQL	5.00	1	10/11/2006
Toluene	BQL	5.00	1	10/11/2006
Trichloroethene	BQL	5.00	1	10/11/2006
1,1,1-Trichloroethane	BQL	5.00	1	10/11/2006

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: BR-1
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-7A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/4/2006 17:15
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
1,1,2-Trichloroethane	BQL	5.00	1	10/11/2006
CFC-11 (Trichlorofluoromethane)	BQL	5.00	1	10/11/2006
1,2,3-Trichloropropane	BQL	15.0	1	10/11/2006
Vinyl acetate	BQL	50.0	1	10/11/2006
Vinyl chloride	BQL	10.0	1	10/11/2006
m-,p-Xylene	BQL	2.00	1	10/11/2006
o-Xylene	BQL	2.00	1	10/11/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	9.94	99
1,2-Dichloroethane-d4	10	9.96	100
Toluene-d8	10	9.93	99

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-8
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-8A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/4/2006 17:50
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	100	1	10/11/2006
Acrylonitrile	BQL	200	1	10/11/2006
Benzene	BQL	5.00	1	10/11/2006
Bromochloromethane	BQL	5.00	1	10/11/2006
Bromodichloromethane	BQL	5.00	1	10/11/2006
Bromoform	BQL	5.00	1	10/11/2006
Methyl bromide	BQL	10.0	1	10/11/2006
MEK (2-Butanone)	BQL	100	1	10/11/2006
Carbon disulfide	BQL	100	1	10/11/2006
Carbon tetrachloride	BQL	10.0	1	10/11/2006
Chlorobenzene	BQL	5.00	1	10/11/2006
Chloroethane	BQL	10.0	1	10/11/2006
Chloroform	BQL	5.00	1	10/11/2006
Methyl chloride	BQL	10.0	1	10/11/2006
Chlorodibromomethane	BQL	5.00	1	10/11/2006
DBCP (1,2-Dibromo-3-chloropropane)	BQL	25.0	1	10/11/2006
Methylene bromide	BQL	10.0	1	10/11/2006
Ethylene dibromide (EDB)	BQL	5.00	1	10/11/2006
o-Dichlorobenzene	BQL	5.00	1	10/11/2006
m-Dichlorobenzene	BQL	5.00	1	10/11/2006
p-Dichlorobenzene	BQL	5.00	1	10/11/2006
t-1,4-Dichloro-2-butene	BQL	100	1	10/11/2006
1,1-Dichloroethane	**5.54**	5.00	1	10/11/2006
Vinylidene chloride	BQL	5.00	1	10/11/2006
Ethylene dichloride	BQL	5.00	1	10/11/2006
cis-1,2-Dichloroethene	**15.7**	5.00	1	10/11/2006
t-1,2-dichloroethene	BQL	5.00	1	10/11/2006
Propylene Dichloride	BQL	5.00	1	10/11/2006
cis-1,3-Dichloropropene	BQL	10.0	1	10/11/2006
t-1,3-Dichloropropene	BQL	10.0	1	10/11/2006
Ethylbenzene	BQL	5.00	1	10/11/2006
Methyl butyl ketone	BQL	50.0	1	10/11/2006
Methyl iodide	BQL	10.0	1	10/11/2006
Methylene chloride	**15.1**	10.0	1	10/11/2006
Methyl isobutyl ketone	BQL	100	1	10/11/2006
Naphthalene	BQL	5.00	1	10/11/2006
Styrene	BQL	10.0	1	10/11/2006
1,1,1,2-Tetrachloroethane	BQL	5.00	1	10/11/2006
1,1,2,2-Tetrachloroethane	BQL	5.00	1	10/11/2006
Tetrachloroethylene	**21.0**	5.00	1	10/11/2006
Toluene	BQL	5.00	1	10/11/2006
Trichloroethene	**7.30**	5.00	1	10/11/2006

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-8
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-8A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/4/2006 17:50
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
1,1,1-Trichloroethane	BQL	5.00	1	10/11/2006
1,1,2-Trichloroethane	BQL	5.00	1	10/11/2006
CFC-11 (Trichlorofluoromethane)	BQL	5.00	1	10/11/2006
1,2,3-Trichloropropane	BQL	15.0	1	10/11/2006
Vinyl acetate	BQL	50.0	1	10/11/2006
Vinyl chloride	BQL	10.0	1	10/11/2006
m-,p-Xylene	**7.75**	2.00	1	10/11/2006
o-Xylene	**6.33**	2.00	1	10/11/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	10.1	101
1,2-Dichloroethane-d4	10	9.92	99
Toluene-d8	10	9.88	99

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: SW-1
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-9A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/5/2006 11:45
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	100	1	10/13/2006
Acrylonitrile	BQL	200	1	10/13/2006
Benzene	BQL	5.00	1	10/13/2006
Bromochloromethane	BQL	5.00	1	10/13/2006
Bromodichloromethane	BQL	5.00	1	10/13/2006
Bromoform	BQL	5.00	1	10/13/2006
Methyl bromide	BQL	10.0	1	10/13/2006
MEK (2-Butanone)	BQL	100	1	10/13/2006
Carbon disulfide	BQL	100	1	10/13/2006
Carbon tetrachloride	BQL	10.0	1	10/13/2006
Chlorobenzene	BQL	5.00	1	10/13/2006
Chloroethane	BQL	10.0	1	10/13/2006
Chloroform	BQL	5.00	1	10/13/2006
Methyl chloride	BQL	10.0	1	10/13/2006
Chlorodibromomethane	BQL	5.00	1	10/13/2006
DBCP (1,2-Dibromo-3-chloropropane)	BQL	25.0	1	10/13/2006
Methylene bromide	BQL	10.0	1	10/13/2006
Ethylene dibromide (EDB)	BQL	5.00	1	10/13/2006
o-Dichlorobenzene	BQL	5.00	1	10/13/2006
m-Dichlorobenzene	BQL	5.00	1	10/13/2006
p-Dichlorobenzene	BQL	5.00	1	10/13/2006
t-1,4-Dichloro-2-butene	BQL	100	1	10/13/2006
1,1-Dichloroethane	BQL	5.00	1	10/13/2006
Vinylidene chloride	BQL	5.00	1	10/13/2006
Ethylene dichloride	BQL	5.00	1	10/13/2006
cis-1,2-Dichloroethene	BQL	5.00	1	10/13/2006
t-1,2-dichloroethene	BQL	5.00	1	10/13/2006
Propylene Dichloride	BQL	5.00	1	10/13/2006
cis-1,3-Dichloropropene	BQL	10.0	1	10/13/2006
t-1,3-Dichloropropene	BQL	10.0	1	10/13/2006
Ethylbenzene	BQL	5.00	1	10/13/2006
Methyl butyl ketone	BQL	50.0	1	10/13/2006
Methyl iodide	BQL	10.0	1	10/13/2006
Methylene chloride	BQL	10.0	1	10/13/2006
Methyl isobutyl ketone	BQL	100	1	10/13/2006
Styrene	BQL	10.0	1	10/13/2006
1,1,1,2-Tetrachloroethane	BQL	5.00	1	10/13/2006
1,1,2,2-Tetrachloroethane	BQL	5.00	1	10/13/2006
Tetrachloroethylene	BQL	5.00	1	10/13/2006
Toluene	BQL	5.00	1	10/13/2006
Trichloroethene	BQL	5.00	1	10/13/2006
1,1,1-Trichloroethane	BQL	5.00	1	10/13/2006

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: SW-1
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-9A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/5/2006 11:45
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
1,1,2-Trichloroethane	BQL	5.00	1	10/13/2006
CFC-11 (Trichlorofluoromethane)	BQL	5.00	1	10/13/2006
1,2,3-Trichloropropane	BQL	15.0	1	10/13/2006
Vinyl acetate	BQL	50.0	1	10/13/2006
Vinyl chloride	BQL	10.0	1	10/13/2006
m-,p-Xylene	BQL	2.00	1	10/13/2006
o-Xylene	BQL	2.00	1	10/13/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	9.97	100
1,2-Dichloroethane-d4	10	11.4	114
Toluene-d8	10	9.98	100

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-7
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-10A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/5/2006 11:30
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	100	1	10/13/2006
Acrylonitrile	BQL	200	1	10/13/2006
Benzene	BQL	5.00	1	10/13/2006
Bromochloromethane	BQL	5.00	1	10/13/2006
Bromodichloromethane	BQL	5.00	1	10/13/2006
Bromoform	BQL	5.00	1	10/13/2006
Methyl bromide	BQL	10.0	1	10/13/2006
MEK (2-Butanone)	BQL	100	1	10/13/2006
Carbon disulfide	BQL	100	1	10/13/2006
Carbon tetrachloride	BQL	10.0	1	10/13/2006
Chlorobenzene	**5.52**	5.00	1	10/13/2006
Chloroethane	BQL	10.0	1	10/13/2006
Chloroform	BQL	5.00	1	10/13/2006
Methyl chloride	BQL	10.0	1	10/13/2006
Chlorodibromomethane	BQL	5.00	1	10/13/2006
DBCP (1,2-Dibromo-3-chloropropane)	BQL	25.0	1	10/13/2006
Methylene bromide	BQL	10.0	1	10/13/2006
Ethylene dibromide (EDB)	BQL	5.00	1	10/13/2006
o-Dichlorobenzene	BQL	5.00	1	10/13/2006
m-Dichlorobenzene	BQL	5.00	1	10/13/2006
p-Dichlorobenzene	**14.6**	5.00	1	10/13/2006
t-1,4-Dichloro-2-butene	BQL	100	1	10/13/2006
1,1-Dichloroethane	BQL	5.00	1	10/13/2006
Vinylidene chloride	BQL	5.00	1	10/13/2006
Ethylene dichloride	BQL	5.00	1	10/13/2006
cis-1,2-Dichloroethene	**14.2**	5.00	1	10/13/2006
t-1,2-dichloroethene	BQL	5.00	1	10/13/2006
Propylene Dichloride	BQL	5.00	1	10/13/2006
cis-1,3-Dichloropropene	BQL	10.0	1	10/13/2006
t-1,3-Dichloropropene	BQL	10.0	1	10/13/2006
Ethylbenzene	BQL	5.00	1	10/13/2006
Methyl butyl ketone	BQL	50.0	1	10/13/2006
Methyl iodide	BQL	10.0	1	10/13/2006
Methylene chloride	BQL	10.0	1	10/13/2006
Methyl isobutyl ketone	BQL	100	1	10/13/2006
Naphthalene	BQL	5.00	1	10/13/2006
Styrene	BQL	10.0	1	10/13/2006
1,1,1,2-Tetrachloroethane	BQL	5.00	1	10/13/2006
1,1,2,2-Tetrachloroethane	BQL	5.00	1	10/13/2006
Tetrachloroethylene	BQL	5.00	1	10/13/2006
Toluene	BQL	5.00	1	10/13/2006
Trichloroethene	BQL	5.00	1	10/13/2006

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-7
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-10A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/5/2006 11:30
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
1,1,1-Trichloroethane	BQL	5.00	1	10/13/2006
1,1,2-Trichloroethane	BQL	5.00	1	10/13/2006
CFC-11 (Trichlorofluoromethane)	BQL	5.00	1	10/13/2006
1,2,3-Trichloropropane	BQL	15.0	1	10/13/2006
Vinyl acetate	BQL	50.0	1	10/13/2006
Vinyl chloride	BQL	10.0	1	10/13/2006
m-,p-Xylene	BQL	2.00	1	10/13/2006
o-Xylene	BQL	2.00	1	10/13/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	9.83	98
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 8260 Appendix I

Client Sample ID: EQ-Blank
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-11A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/5/2006 7:45
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	100	1	10/12/2006
Acrylonitrile	BQL	200	1	10/12/2006
Benzene	BQL	5.00	1	10/12/2006
Bromochloromethane	BQL	5.00	1	10/12/2006
Bromodichloromethane	BQL	5.00	1	10/12/2006
Bromoform	BQL	5.00	1	10/12/2006
Methyl bromide	BQL	10.0	1	10/12/2006
MEK (2-Butanone)	BQL	100	1	10/12/2006
Carbon disulfide	BQL	100	1	10/12/2006
Carbon tetrachloride	BQL	10.0	1	10/12/2006
Chlorobenzene	BQL	5.00	1	10/12/2006
Chloroethane	BQL	10.0	1	10/12/2006
Chloroform	BQL	5.00	1	10/12/2006
Methyl chloride	BQL	10.0	1	10/12/2006
Chlorodibromomethane	BQL	5.00	1	10/12/2006
DBCP (1,2-Dibromo-3-chloropropane)	BQL	25.0	1	10/12/2006
Methylene bromide	BQL	10.0	1	10/12/2006
Ethylene dibromide (EDB)	BQL	5.00	1	10/12/2006
o-Dichlorobenzene	BQL	5.00	1	10/12/2006
m-Dichlorobenzene	BQL	5.00	1	10/12/2006
p-Dichlorobenzene	BQL	5.00	1	10/12/2006
t-1,4-Dichloro-2-butene	BQL	100	1	10/12/2006
1,1-Dichloroethane	BQL	5.00	1	10/12/2006
Vinylidene chloride	BQL	5.00	1	10/12/2006
Ethylene dichloride	BQL	5.00	1	10/12/2006
cis-1,2-Dichloroethene	BQL	5.00	1	10/12/2006
t-1,2-dichloroethene	BQL	5.00	1	10/12/2006
Propylene Dichloride	BQL	5.00	1	10/12/2006
cis-1,3-Dichloropropene	BQL	10.0	1	10/12/2006
t-1,3-Dichloropropene	BQL	10.0	1	10/12/2006
Ethylbenzene	BQL	5.00	1	10/12/2006
Methyl butyl ketone	BQL	50.0	1	10/12/2006
Methyl iodide	BQL	10.0	1	10/12/2006
Methylene chloride	BQL	10.0	1	10/12/2006
Methyl isobutyl ketone	BQL	100	1	10/12/2006
Styrene	BQL	10.0	1	10/12/2006
1,1,1,2-Tetrachloroethane	BQL	5.00	1	10/12/2006
1,1,2,2-Tetrachloroethane	BQL	5.00	1	10/12/2006
Tetrachloroethylene	BQL	5.00	1	10/12/2006
Toluene	BQL	5.00	1	10/12/2006
Trichloroethene	BQL	5.00	1	10/12/2006
1,1,1-Trichloroethane	BQL	5.00	1	10/12/2006

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: EQ-Blank
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-11A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/5/2006 7:45
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
1,1,2-Trichloroethane	BQL	5.00	1	10/12/2006
CFC-11 (Trichlorofluoromethane)	BQL	5.00	1	10/12/2006
1,2,3-Trichloropropane	BQL	15.0	1	10/12/2006
Vinyl acetate	BQL	50.0	1	10/12/2006
Vinyl chloride	BQL	10.0	1	10/12/2006
m-,p-Xylene	BQL	2.00	1	10/12/2006
o-Xylene	BQL	2.00	1	10/12/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	9.8	98
1,2-Dichloroethane-d4	10	11.1	111
Toluene-d8	10	9.98	100

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-9
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-12A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/5/2006 9:45
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	100	1	10/13/2006
Acrylonitrile	BQL	200	1	10/13/2006
Benzene	BQL	5.00	1	10/13/2006
Bromochloromethane	BQL	5.00	1	10/13/2006
Bromodichloromethane	BQL	5.00	1	10/13/2006
Bromoform	BQL	5.00	1	10/13/2006
Methyl bromide	BQL	10.0	1	10/13/2006
MEK (2-Butanone)	BQL	100	1	10/13/2006
Carbon disulfide	BQL	100	1	10/13/2006
Carbon tetrachloride	BQL	10.0	1	10/13/2006
Chlorobenzene	BQL	5.00	1	10/13/2006
Chloroethane	BQL	10.0	1	10/13/2006
Chloroform	BQL	5.00	1	10/13/2006
Methyl chloride	BQL	10.0	1	10/13/2006
Chlorodibromomethane	BQL	5.00	1	10/13/2006
DBCP (1,2-Dibromo-3-chloropropane)	BQL	25.0	1	10/13/2006
Methylene bromide	BQL	10.0	1	10/13/2006
Ethylene dibromide (EDB)	BQL	5.00	1	10/13/2006
o-Dichlorobenzene	BQL	5.00	1	10/13/2006
m-Dichlorobenzene	BQL	5.00	1	10/13/2006
p-Dichlorobenzene	BQL	5.00	1	10/13/2006
t-1,4-Dichloro-2-butene	BQL	100	1	10/13/2006
1,1-Dichloroethane	BQL	5.00	1	10/13/2006
Vinylidene chloride	BQL	5.00	1	10/13/2006
Ethylene dichloride	BQL	5.00	1	10/13/2006
cis-1,2-Dichloroethene	BQL	5.00	1	10/13/2006
t-1,2-dichloroethene	BQL	5.00	1	10/13/2006
Propylene Dichloride	BQL	5.00	1	10/13/2006
cis-1,3-Dichloropropene	BQL	10.0	1	10/13/2006
t-1,3-Dichloropropene	BQL	10.0	1	10/13/2006
Ethylbenzene	BQL	5.00	1	10/13/2006
Methyl butyl ketone	BQL	50.0	1	10/13/2006
Methyl iodide	BQL	10.0	1	10/13/2006
Methylene chloride	BQL	10.0	1	10/13/2006
Methyl isobutyl ketone	BQL	100	1	10/13/2006
Naphthalene	BQL	5.00	1	10/13/2006
Styrene	BQL	10.0	1	10/13/2006
1,1,1,2-Tetrachloroethane	BQL	5.00	1	10/13/2006
1,1,2,2-Tetrachloroethane	BQL	5.00	1	10/13/2006
Tetrachloroethylene	BQL	5.00	1	10/13/2006
Toluene	BQL	5.00	1	10/13/2006
Trichloroethene	BQL	5.00	1	10/13/2006

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: MW-9
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-12A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/5/2006 9:45
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
1,1,1-Trichloroethane	BQL	5.00	1	10/13/2006
1,1,2-Trichloroethane	BQL	5.00	1	10/13/2006
CFC-11 (Trichlorofluoromethane)	BQL	5.00	1	10/13/2006
1,2,3-Trichloropropane	BQL	15.0	1	10/13/2006
Vinyl acetate	BQL	50.0	1	10/13/2006
Vinyl chloride	BQL	10.0	1	10/13/2006
m-,p-Xylene	BQL	2.00	1	10/13/2006
o-Xylene	BQL	2.00	1	10/13/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	9.91	99
1,2-Dichloroethane-d4	10	10.9	109
Toluene-d8	10	9.84	98

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: DUP
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-13A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/5/2006 0:00
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	100	1	10/13/2006
Acrylonitrile	BQL	200	1	10/13/2006
Benzene	BQL	5.00	1	10/13/2006
Bromochloromethane	BQL	5.00	1	10/13/2006
Bromodichloromethane	BQL	5.00	1	10/13/2006
Bromoform	BQL	5.00	1	10/13/2006
Methyl bromide	BQL	10.0	1	10/13/2006
MEK (2-Butanone)	BQL	100	1	10/13/2006
Carbon disulfide	BQL	100	1	10/13/2006
Carbon tetrachloride	BQL	10.0	1	10/13/2006
Chlorobenzene	BQL	5.00	1	10/13/2006
Chloroethane	BQL	10.0	1	10/13/2006
Chloroform	BQL	5.00	1	10/13/2006
Methyl chloride	BQL	10.0	1	10/13/2006
Chlorodibromomethane	BQL	5.00	1	10/13/2006
DBCP (1,2-Dibromo-3-chloropropane)	BQL	25.0	1	10/13/2006
Methylene bromide	BQL	10.0	1	10/13/2006
Ethylene dibromide (EDB)	BQL	5.00	1	10/13/2006
o-Dichlorobenzene	BQL	5.00	1	10/13/2006
m-Dichlorobenzene	BQL	5.00	1	10/13/2006
p-Dichlorobenzene	BQL	5.00	1	10/13/2006
t-1,4-Dichloro-2-butene	BQL	100	1	10/13/2006
1,1-Dichloroethane	BQL	5.00	1	10/13/2006
Vinylidene chloride	BQL	5.00	1	10/13/2006
Ethylene dichloride	BQL	5.00	1	10/13/2006
cis-1,2-Dichloroethene	BQL	5.00	1	10/13/2006
t-1,2-dichloroethene	BQL	5.00	1	10/13/2006
Propylene Dichloride	BQL	5.00	1	10/13/2006
cis-1,3-Dichloropropene	BQL	10.0	1	10/13/2006
t-1,3-Dichloropropene	BQL	10.0	1	10/13/2006
Ethylbenzene	BQL	5.00	1	10/13/2006
Methyl butyl ketone	BQL	50.0	1	10/13/2006
Methyl iodide	BQL	10.0	1	10/13/2006
Methylene chloride	BQL	10.0	1	10/13/2006
Methyl isobutyl ketone	BQL	100	1	10/13/2006
Naphthalene	BQL	5.00	1	10/13/2006
Styrene	BQL	10.0	1	10/13/2006
1,1,1,2-Tetrachloroethane	BQL	5.00	1	10/13/2006
1,1,2,2-Tetrachloroethane	BQL	5.00	1	10/13/2006
Tetrachloroethylene	BQL	5.00	1	10/13/2006
Toluene	BQL	5.00	1	10/13/2006
Trichloroethene	BQL	5.00	1	10/13/2006

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: DUP
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-13A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/5/2006 0:00
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
1,1,1-Trichloroethane	BQL	5.00	1	10/13/2006
1,1,2-Trichloroethane	BQL	5.00	1	10/13/2006
CFC-11 (Trichlorofluoromethane)	BQL	5.00	1	10/13/2006
1,2,3-Trichloropropane	BQL	15.0	1	10/13/2006
Vinyl acetate	BQL	50.0	1	10/13/2006
Vinyl chloride	BQL	10.0	1	10/13/2006
m-,p-Xylene	BQL	2.00	1	10/13/2006
o-Xylene	BQL	2.00	1	10/13/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	9.69	97
1,2-Dichloroethane-d4	10	11.3	113
Toluene-d8	10	9.91	99

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: Trip Blank
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-14A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/5/2006 0:00
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
Acetone	BQL	100	1	10/12/2006
Acrylonitrile	BQL	200	1	10/12/2006
Benzene	BQL	5.00	1	10/12/2006
Bromochloromethane	BQL	5.00	1	10/12/2006
Bromodichloromethane	BQL	5.00	1	10/12/2006
Bromoform	BQL	5.00	1	10/12/2006
Methyl bromide	BQL	10.0	1	10/12/2006
MEK (2-Butanone)	BQL	100	1	10/12/2006
Carbon disulfide	BQL	100	1	10/12/2006
Carbon tetrachloride	BQL	10.0	1	10/12/2006
Chlorobenzene	BQL	5.00	1	10/12/2006
Chloroethane	BQL	10.0	1	10/12/2006
Chloroform	BQL	5.00	1	10/12/2006
Methyl chloride	BQL	10.0	1	10/12/2006
Chlorodibromomethane	BQL	5.00	1	10/12/2006
DBCP (1,2-Dibromo-3-chloropropane)	BQL	25.0	1	10/12/2006
Methylene bromide	BQL	10.0	1	10/12/2006
Ethylene dibromide (EDB)	BQL	5.00	1	10/12/2006
o-Dichlorobenzene	BQL	5.00	1	10/12/2006
m-Dichlorobenzene	BQL	5.00	1	10/12/2006
p-Dichlorobenzene	BQL	5.00	1	10/12/2006
t-1,4-Dichloro-2-butene	BQL	100	1	10/12/2006
1,1-Dichloroethane	BQL	5.00	1	10/12/2006
Vinylidene chloride	BQL	5.00	1	10/12/2006
Ethylene dichloride	BQL	5.00	1	10/12/2006
cis-1,2-Dichloroethene	BQL	5.00	1	10/12/2006
t-1,2-dichloroethene	BQL	5.00	1	10/12/2006
Propylene Dichloride	BQL	5.00	1	10/12/2006
cis-1,3-Dichloropropene	BQL	10.0	1	10/12/2006
t-1,3-Dichloropropene	BQL	10.0	1	10/12/2006
Ethylbenzene	BQL	5.00	1	10/12/2006
Methyl butyl ketone	BQL	50.0	1	10/12/2006
Methyl iodide	BQL	10.0	1	10/12/2006
Methylene chloride	BQL	10.0	1	10/12/2006
Methyl isobutyl ketone	BQL	100	1	10/12/2006
Naphthalene	BQL	5.00	1	10/12/2006
Styrene	BQL	10.0	1	10/12/2006
1,1,1,2-Tetrachloroethane	BQL	5.00	1	10/12/2006
1,1,2,2-Tetrachloroethane	BQL	5.00	1	10/12/2006
Tetrachloroethylene	BQL	5.00	1	10/12/2006
Toluene	BQL	5.00	1	10/12/2006
Trichloroethene	BQL	5.00	1	10/12/2006

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Results for Volatiles
by GCMS 8260 Appendix I

Client Sample ID: Trip Blank
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-14A
Lab Project ID: G175-566

Analyzed By: MJC
Date Collected: 10/5/2006 0:00
Date Received: 10/6/2006
Matrix: Water

Compound	Result UG/L	Quantitation Limit UG/L	Dilution Factor	Date Analyzed
1,1,1-Trichloroethane	BQL	5.00	1	10/12/2006
1,1,2-Trichloroethane	BQL	5.00	1	10/12/2006
CFC-11 (Trichlorofluoromethane)	BQL	5.00	1	10/12/2006
1,2,3-Trichloropropane	BQL	15.0	1	10/12/2006
Vinyl acetate	BQL	50.0	1	10/12/2006
Vinyl chloride	BQL	10.0	1	10/12/2006
m-,p-Xylene	BQL	2.00	1	10/12/2006
o-Xylene	BQL	2.00	1	10/12/2006

	Spike Added	Spike Result	Percent Recovered
4-Bromofluorobenzene	10	9.73	97
1,2-Dichloroethane-d4	10	11	110
Toluene-d8	10	9.56	96

Comments:

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

SGS

Results for Semivolatiles
by GCMS 8270

Client Sample ID: MW-6
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-1G
Lab Project ID: G175-566

Analyzed By: EAW
Date Collected: 10/4/2006 13:05
Date Received: 10/6/2006
Date Extracted: 10/10/2006
Matrix: Water

Compound	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
2-Chlorophenol	BQL	10.0	1	10/11/2006
4-Chloro-3-methylphenol	BQL	10.0	1	10/11/2006
2,4-Dichlorophenol	BQL	10.0	1	10/11/2006
2,4-Dimethylphenol	**86.6**	10.0	1	10/11/2006
4,6-Dinitro-2-methylphenol	BQL	50.0	1	10/11/2006
2,4-Dinitrophenol	BQL	50.0	1	10/11/2006
2-Methylphenol	**80.8**	10.0	1	10/11/2006
3- & 4-Methylphenol	**16.4**	10.0	1	10/11/2006
2-Nitrophenol	BQL	10.0	1	10/11/2006
4-Nitrophenol	BQL	50.0	1	10/11/2006
Pentachlorophenol	BQL	50.0	1	10/11/2006
Phenol	BQL	10.0	1	10/11/2006
2,4,5-Trichlorophenol	BQL	10.0	1	10/11/2006
2,4,6-Trichlorophenol	BQL	10.0	1	10/11/2006

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.7	97
2-Fluorophenol	10	9.1	91
Nitrobenzene-d5	10	9.6	96
Phenol-d6	10	9.9	99
2,4,6-Tribromophenol	10	10.2	102
4-Terphenyl-d14	10	9.6	96

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

SGS

Results for Semivolatiles
by GCMS 8270

Client Sample ID: AW-1d
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-3G
Lab Project ID: G175-566

Analyzed By: EAW
Date Collected: 10/4/2006 15:00
Date Received: 10/6/2006
Date Extracted: 10/10/2006
Matrix: Water

Compound	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
2-Chlorophenol	BQL	10.0	1	10/11/2006
4-Chloro-3-methylphenol	BQL	10.0	1	10/11/2006
2,4-Dichlorophenol	BQL	10.0	1	10/11/2006
2,4-Dimethylphenol	BQL	10.0	1	10/11/2006
4,6-Dinitro-2-methylphenol	BQL	50.0	1	10/11/2006
2,4-Dinitrophenol	BQL	50.0	1	10/11/2006
2-Methylphenol	BQL	10.0	1	10/11/2006
3- & 4-Methylphenol	BQL	10.0	1	10/11/2006
2-Nitrophenol	BQL	10.0	1	10/11/2006
4-Nitrophenol	BQL	50.0	1	10/11/2006
Pentachlorophenol	BQL	50.0	1	10/11/2006
Phenol	BQL	10.0	1	10/11/2006
2,4,5-Trichlorophenol	BQL	10.0	1	10/11/2006
2,4,6-Trichlorophenol	BQL	10.0	1	10/11/2006

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.1	91
2-Fluorophenol	10	8.3	83
Nitrobenzene-d5	10	8.7	87
Phenol-d6	10	8.7	87
2,4,6-Tribromophenol	10	8.9	89
4-Terphenyl-d14	10	10.4	104

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

SGS

Results for Semivolatiles
by GCMS 8270

Client Sample ID: AW-1s
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-4G
Lab Project ID: G175-566

Analyzed By: EAW
Date Collected: 10/4/2006 14:45
Date Received: 10/6/2006
Date Extracted: 10/10/2006
Matrix: Water

Compound	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
2-Chlorophenol	BQL	10.0	1	10/11/2006
4-Chloro-3-methylphenol	BQL	10.0	1	10/11/2006
2,4-Dichlorophenol	BQL	10.0	1	10/11/2006
2,4-Dimethylphenol	BQL	10.0	1	10/11/2006
4,6-Dinitro-2-methylphenol	BQL	50.0	1	10/11/2006
2,4-Dinitrophenol	BQL	50.0	1	10/11/2006
2-Methylphenol	BQL	10.0	1	10/11/2006
3- & 4-Methylphenol	BQL	10.0	1	10/11/2006
2-Nitrophenol	BQL	10.0	1	10/11/2006
4-Nitrophenol	BQL	50.0	1	10/11/2006
Pentachlorophenol	BQL	50.0	1	10/11/2006
Phenol	BQL	10.0	1	10/11/2006
2,4,5-Trichlorophenol	BQL	10.0	1	10/11/2006
2,4,6-Trichlorophenol	BQL	10.0	1	10/11/2006

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.2	92
2-Fluorophenol	10	8.1	81
Nitrobenzene-d5	10	8.8	88
Phenol-d6	10	8.8	88
2,4,6-Tribromophenol	10	9.5	95
4-Terphenyl-d14	10	9.8	98

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

SGS

Results for Semivolatiles
by GCMS 8270

Client Sample ID: MW-5
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-6G
Lab Project ID: G175-566

Analyzed By: EAW
Date Collected: 10/4/2006 17:00
Date Received: 10/6/2006
Date Extracted: 10/10/2006
Matrix: Water

Compound	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
2-Chlorophenol	BQL	10.0	1	10/11/2006
4-Chloro-3-methylphenol	BQL	10.0	1	10/11/2006
2,4-Dichlorophenol	BQL	10.0	1	10/11/2006
2,4-Dimethylphenol	BQL	10.0	1	10/11/2006
4,6-Dinitro-2-methylphenol	BQL	50.0	1	10/11/2006
2,4-Dinitrophenol	BQL	50.0	1	10/11/2006
2-Methylphenol	BQL	10.0	1	10/11/2006
3- & 4-Methylphenol	BQL	10.0	1	10/11/2006
2-Nitrophenol	BQL	10.0	1	10/11/2006
4-Nitrophenol	BQL	50.0	1	10/11/2006
Pentachlorophenol	BQL	50.0	1	10/11/2006
Phenol	BQL	10.0	1	10/11/2006
2,4,5-Trichlorophenol	BQL	10.0	1	10/11/2006
2,4,6-Trichlorophenol	BQL	10.0	1	10/11/2006

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.8	98
2-Fluorophenol	10	7.8	78
Nitrobenzene-d5	10	9	90
Phenol-d6	10	8.7	87
2,4,6-Tribromophenol	10	8	80
4-Terphenyl-d14	10	11.3	113

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

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Results for Semivolatiles
by GCMS 8270

Client Sample ID: MW-8
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-8G
Lab Project ID: G175-566

Analyzed By: EAW
Date Collected: 10/4/2006 17:50
Date Received: 10/6/2006
Date Extracted: 10/10/2006
Matrix: Water

Compound	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
2-Chlorophenol	BQL	10.0	1	10/11/2006
4-Chloro-3-methylphenol	BQL	10.0	1	10/11/2006
2,4-Dichlorophenol	BQL	10.0	1	10/11/2006
2,4-Dimethylphenol	BQL	10.0	1	10/11/2006
4,6-Dinitro-2-methylphenol	BQL	50.0	1	10/11/2006
2,4-Dinitrophenol	BQL	50.0	1	10/11/2006
2-Methylphenol	BQL	10.0	1	10/11/2006
3- & 4-Methylphenol	BQL	10.0	1	10/11/2006
2-Nitrophenol	BQL	10.0	1	10/11/2006
4-Nitrophenol	BQL	50.0	1	10/11/2006
Pentachlorophenol	BQL	50.0	1	10/11/2006
Phenol	BQL	10.0	1	10/11/2006
2,4,5-Trichlorophenol	BQL	10.0	1	10/11/2006
2,4,6-Trichlorophenol	BQL	10.0	1	10/11/2006

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.7	87
2-Fluorophenol	10	6.7	67
Nitrobenzene-d5	10	8	80
Phenol-d6	10	8.1	81
2,4,6-Tribromophenol	10	9.2	92
4-Terphenyl-d14	10	9.6	96

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

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Results for Semivolatiles
by GCMS 8270

Client Sample ID: MW-7
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-10G
Lab Project ID: G175-566

Analyzed By: EAW
Date Collected: 10/5/2006 11:30
Date Received: 10/6/2006
Date Extracted: 10/10/2006
Matrix: Water

Compound	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
2-Chlorophenol	BQL	10.0	1	10/11/2006
4-Chloro-3-methylphenol	BQL	10.0	1	10/11/2006
2,4-Dichlorophenol	BQL	10.0	1	10/11/2006
2,4-Dimethylphenol	BQL	10.0	1	10/11/2006
4,6-Dinitro-2-methylphenol	BQL	50.0	1	10/11/2006
2,4-Dinitrophenol	BQL	50.0	1	10/11/2006
2-Methylphenol	BQL	10.0	1	10/11/2006
3- & 4-Methylphenol	BQL	10.0	1	10/11/2006
2-Nitrophenol	BQL	10.0	1	10/11/2006
4-Nitrophenol	BQL	50.0	1	10/11/2006
Pentachlorophenol	BQL	50.0	1	10/11/2006
Phenol	BQL	10.0	1	10/11/2006
2,4,5-Trichlorophenol	BQL	10.0	1	10/11/2006
2,4,6-Trichlorophenol	BQL	10.0	1	10/11/2006

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.5	95
2-Fluorophenol	10	8.4	84
Nitrobenzene-d5	10	9	90
Phenol-d6	10	8.9	89
2,4,6-Tribromophenol	10	9.3	93
4-Terphenyl-d14	10	10.6	106

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

SGS

Results for Semivolatiles
by GCMS 8270

Client Sample ID: MW-9
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-12G
Lab Project ID: G175-566

Analyzed By: EAW
Date Collected: 10/5/2006 9:45
Date Received: 10/6/2006
Date Extracted: 10/10/2006
Matrix: Water

Compound	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
2-Chlorophenol	BQL	10.0	1	10/11/2006
4-Chloro-3-methylphenol	BQL	10.0	1	10/11/2006
2,4-Dichlorophenol	BQL	10.0	1	10/11/2006
2,4-Dimethylphenol	BQL	10.0	1	10/11/2006
4,6-Dinitro-2-methylphenol	BQL	50.0	1	10/11/2006
2,4-Dinitrophenol	BQL	50.0	1	10/11/2006
2-Methylphenol	BQL	10.0	1	10/11/2006
3- & 4-Methylphenol	BQL	10.0	1	10/11/2006
2-Nitrophenol	BQL	10.0	1	10/11/2006
4-Nitrophenol	BQL	50.0	1	10/11/2006
Pentachlorophenol	BQL	50.0	1	10/11/2006
Phenol	BQL	10.0	1	10/11/2006
2,4,5-Trichlorophenol	BQL	10.0	1	10/11/2006
2,4,6-Trichlorophenol	BQL	10.0	1	10/11/2006

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	8.9	89
2-Fluorophenol	10	7.5	75
Nitrobenzene-d5	10	8.4	84
Phenol-d6	10	8.1	81
2,4,6-Tribromophenol	10	7.7	77
4-Terphenyl-d14	10	10.9	109

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

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Results for Semivolatiles
by GCMS 8270

Client Sample ID: DUP
Client Project ID: Henderson County Closed Landfill
Lab Sample ID: G175-566-13H
Lab Project ID: G175-566

Analyzed By: EAW
Date Collected: 10/5/2006 0:00
Date Received: 10/6/2006
Date Extracted: 10/10/2006
Matrix: Water

Compound	Result ug/L	RL ug/L	Dilution Factor	Date Analyzed
2-Chlorophenol	BQL	10.0	1	10/11/2006
4-Chloro-3-methylphenol	BQL	10.0	1	10/11/2006
2,4-Dichlorophenol	BQL	10.0	1	10/11/2006
2,4-Dimethylphenol	BQL	10.0	1	10/11/2006
4,6-Dinitro-2-methylphenol	BQL	50.0	1	10/11/2006
2,4-Dinitrophenol	BQL	50.0	1	10/11/2006
2-Methylphenol	BQL	10.0	1	10/11/2006
3- & 4-Methylphenol	BQL	10.0	1	10/11/2006
2-Nitrophenol	BQL	10.0	1	10/11/2006
4-Nitrophenol	BQL	50.0	1	10/11/2006
Pentachlorophenol	BQL	50.0	1	10/11/2006
Phenol	BQL	10.0	1	10/11/2006
2,4,5-Trichlorophenol	BQL	10.0	1	10/11/2006
2,4,6-Trichlorophenol	BQL	10.0	1	10/11/2006

	Spike Added	Spike Result	Percent Recovered
2-Fluorobiphenyl	10	9.1	91
2-Fluorophenol	10	8.2	82
Nitrobenzene-d5	10	8.7	87
Phenol-d6	10	8.5	85
2,4,6-Tribromophenol	10	7.9	79
4-Terphenyl-d14	10	10.7	107

Comments:
* N-Nitrosodiphenylamine is reported as the breakdown product Diphenylamine.

Flags:
BQL = Below Quantitation Limits.

Reviewed By:

SGS

Results for Metals

Client Sample ID:	MW-6	Analyzed By:	AEC
Client Project ID:	Henderson County Closed Landfill	Date Collected:	10/4/2006 13:05
Lab Sample ID:	G175-566-1	Date Received:	10/6/2006
Lab Project ID:	G175-566	Matrix:	WATER
Batch ID:	6403 6421 6519		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Antimony	BQL	0.0300	10	MG/L	6020	10/24/2006
Arsenic	BQL	0.0100	1	MG/L	6010B	10/19/2006
Barium	**0.562**	0.500	1	MG/L	6010B	10/19/2006
Beryllium	BQL	0.00200	10	MG/L	6020	10/25/2006
Cadmium	BQL	0.00100	10	MG/L	6020	10/25/2006
Chromium	**0.0113**	0.0100	1	MG/L	6010B	10/19/2006
Cobalt	**0.0154**	0.0100	1	MG/L	6010B	10/19/2006
Copper	BQL	0.200	1	MG/L	6010B	10/19/2006
Lead	**0.0127**	0.0100	1	MG/L	6010B	10/19/2006
Mercury	BQL	0.000285	1	MG/L	7470	10/10/2006
Nickel	BQL	0.0500	1	MG/L	6010B	10/19/2006
Selenium	**0.0234**	0.0200	1	MG/L	6010B	10/19/2006
Silver	BQL	0.0100	1	MG/L	6010B	10/19/2006
Thallium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Vanadium	BQL	0.0400	1	MG/L	6010B	10/19/2006
Zinc	BQL	0.0500	1	MG/L	6010B	10/19/2006

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By:

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Results for Metals

Client Sample ID:	BR-3	Analyzed By:	RML
Client Project ID:	Henderson County Closed Landfill	Date Collected:	10/4/2006 13:30
Lab Sample ID:	G175-566-2	Date Received:	10/6/2006
Lab Project ID:	G175-566	Matrix:	WATER
Batch ID:	6403 6519		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Antimony	BQL	0.0300	10	MG/L	6020	10/24/2006
Arsenic	BQL	0.0100	1	MG/L	6010B	10/19/2006
Barium	BQL	0.500	1	MG/L	6010B	10/19/2006
Beryllium	BQL	0.00200	10	MG/L	6020	10/25/2006
Cadmium	BQL	0.00100	10	MG/L	6020	10/25/2006
Chromium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Cobalt	BQL	0.0100	1	MG/L	6010B	10/19/2006
Copper	BQL	0.200	1	MG/L	6010B	10/19/2006
Lead	BQL	0.0100	1	MG/L	6010B	10/19/2006
Nickel	BQL	0.0500	1	MG/L	6010B	10/19/2006
Selenium	BQL	0.0200	1	MG/L	6010B	10/19/2006
Silver	BQL	0.0100	1	MG/L	6010B	10/19/2006
Thallium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Vanadium	BQL	0.0400	1	MG/L	6010B	10/19/2006
Zinc	BQL	0.0500	1	MG/L	6010B	10/19/2006

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By:
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Results for Metals

Client Sample ID:	AW-1d	Analyzed By:	AEC
Client Project ID:	Henderson County Closed Landfill	Date Collected:	10/4/2006 15:00
Lab Sample ID:	G175-566-3	Date Received:	10/6/2006
Lab Project ID:	G175-566	Matrix:	WATER
Batch ID:	6403 6421 6519		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Antimony	BQL	0.0300	10	MG/L	6020	10/24/2006
Arsenic	BQL	0.0100	1	MG/L	6010B	10/19/2006
Barium	BQL	0.500	1	MG/L	6010B	10/19/2006
Beryllium	BQL	0.00200	10	MG/L	6020	10/25/2006
Cadmium	BQL	0.00100	10	MG/L	6020	10/25/2006
Chromium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Cobalt	BQL	0.0100	1	MG/L	6010B	10/19/2006
Copper	BQL	0.200	1	MG/L	6010B	10/19/2006
Lead	BQL	0.0100	1	MG/L	6010B	10/19/2006
Mercury	BQL	0.000285	1	MG/L	7470	10/10/2006
Nickel	BQL	0.0500	1	MG/L	6010B	10/19/2006
Selenium	BQL	0.0200	1	MG/L	6010B	10/19/2006
Silver	BQL	0.0100	1	MG/L	6010B	10/19/2006
Thallium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Vanadium	BQL	0.0400	1	MG/L	6010B	10/19/2006
Zinc	BQL	0.0500	1	MG/L	6010B	10/19/2006

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	AW-1s	Analyzed By:	AEC
Client Project ID:	Henderson County Closed Landfill	Date Collected:	10/4/2006 14:45
Lab Sample ID:	G175-566-4	Date Received:	10/6/2006
Lab Project ID:	G175-566	Matrix:	WATER
Batch ID:	6403 6421 6519		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Antimony	BQL	0.0300	10	MG/L	6020	10/24/2006
Arsenic	BQL	0.0100	1	MG/L	6010B	10/19/2006
Barium	BQL	0.500	1	MG/L	6010B	10/19/2006
Beryllium	BQL	0.00200	10	MG/L	6020	10/25/2006
Cadmium	BQL	0.00100	10	MG/L	6020	10/25/2006
Chromium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Cobalt	**0.0189**	0.0100	1	MG/L	6010B	10/19/2006
Copper	BQL	0.200	1	MG/L	6010B	10/19/2006
Lead	BQL	0.0100	1	MG/L	6010B	10/19/2006
Mercury	BQL	0.000285	1	MG/L	7470	10/10/2006
Nickel	BQL	0.0500	1	MG/L	6010B	10/19/2006
Selenium	BQL	0.0200	1	MG/L	6010B	10/19/2006
Silver	BQL	0.0100	1	MG/L	6010B	10/19/2006
Thallium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Vanadium	BQL	0.0400	1	MG/L	6010B	10/19/2006
Zinc	BQL	0.0500	1	MG/L	6010B	10/19/2006

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By:
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Results for Metals

Client Sample ID:	BR-2	Analyzed By:	RML
Client Project ID:	Henderson County Closed Landfill	Date Collected:	10/4/2006 15:30
Lab Sample ID:	G175-566-5	Date Received:	10/6/2006
Lab Project ID:	G175-566	Matrix:	WATER
Batch ID:	6403 6519		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Antimony	BQL	0.0300	10	MG/L	6020	10/24/2006
Arsenic	BQL	0.0100	1	MG/L	6010B	10/19/2006
Barium	BQL	0.500	1	MG/L	6010B	10/19/2006
Beryllium	BQL	0.00200	10	MG/L	6020	10/25/2006
Cadmium	BQL	0.00100	10	MG/L	6020	10/25/2006
Chromium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Cobalt	BQL	0.0100	1	MG/L	6010B	10/19/2006
Copper	BQL	0.200	1	MG/L	6010B	10/19/2006
Lead	BQL	0.0100	1	MG/L	6010B	10/19/2006
Nickel	BQL	0.0500	1	MG/L	6010B	10/19/2006
Selenium	BQL	0.0200	1	MG/L	6010B	10/19/2006
Silver	BQL	0.0100	1	MG/L	6010B	10/19/2006
Thallium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Vanadium	BQL	0.0400	1	MG/L	6010B	10/19/2006
Zinc	BQL	0.0500	1	MG/L	6010B	10/19/2006

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By:
MET_LIMS_4.1.XLS

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Results for Metals

Client Sample ID:	MW-5	Analyzed By:	AEC
Client Project ID:	Henderson County Closed Landfill	Date Collected:	10/4/2006 17:00
Lab Sample ID:	G175-566-6	Date Received:	10/6/2006
Lab Project ID:	G175-566	Matrix:	WATER
Batch ID:	6403 6421 6519		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Antimony	BQL	0.0300	10	MG/L	6020	10/24/2006
Arsenic	BQL	0.0100	1	MG/L	6010B	10/19/2006
Barium	BQL	0.500	1	MG/L	6010B	10/19/2006
Beryllium	BQL	0.00200	10	MG/L	6020	10/25/2006
Cadmium	BQL	0.00100	10	MG/L	6020	10/25/2006
Chromium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Cobalt	BQL	0.0100	1	MG/L	6010B	10/19/2006
Copper	BQL	0.200	1	MG/L	6010B	10/19/2006
Lead	BQL	0.0100	1	MG/L	6010B	10/19/2006
Mercury	BQL	0.000285	1	MG/L	7470	10/10/2006
Nickel	BQL	0.0500	1	MG/L	6010B	10/19/2006
Selenium	BQL	0.0200	1	MG/L	6010B	10/19/2006
Silver	BQL	0.0100	1	MG/L	6010B	10/19/2006
Thallium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Vanadium	BQL	0.0400	1	MG/L	6010B	10/19/2006
Zinc	BQL	0.0500	1	MG/L	6010B	10/19/2006

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By:
MET_LIMS_4.1.XLS

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Results for Metals

Client Sample ID:	BR-1	Analyzed By:	RML
Client Project ID:	Henderson County Closed Landfill	Date Collected:	10/4/2006 17:15
Lab Sample ID:	G175-566-7	Date Received:	10/6/2006
Lab Project ID:	G175-566	Matrix:	WATER
Batch ID:	6403 6519		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Antimony	BQL	0.0300	10	MG/L	6020	10/24/2006
Arsenic	BQL	0.0100	1	MG/L	6010B	10/19/2006
Barium	BQL	0.500	1	MG/L	6010B	10/19/2006
Beryllium	BQL	0.00200	10	MG/L	6020	10/25/2006
Cadmium	BQL	0.00100	10	MG/L	6020	10/25/2006
Chromium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Cobalt	BQL	0.0100	1	MG/L	6010B	10/19/2006
Copper	BQL	0.200	1	MG/L	6010B	10/19/2006
Lead	BQL	0.0100	1	MG/L	6010B	10/19/2006
Nickel	BQL	0.0500	1	MG/L	6010B	10/19/2006
Selenium	BQL	0.0200	1	MG/L	6010B	10/19/2006
Silver	BQL	0.0100	1	MG/L	6010B	10/19/2006
Thallium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Vanadium	BQL	0.0400	1	MG/L	6010B	10/19/2006
Zinc	BQL	0.0500	1	MG/L	6010B	10/19/2006

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By:
MET_LIMS_4.1.XLS

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Results for Metals

Client Sample ID:	MW-8	Analyzed By:	AEC
Client Project ID:	Henderson County Closed Landfill	Date Collected:	10/4/2006 17:50
Lab Sample ID:	G175-566-8	Date Received:	10/6/2006
Lab Project ID:	G175-566	Matrix:	WATER
Batch ID:	6403 6421 6519		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Antimony	BQL	0.0300	10	MG/L	6020	10/24/2006
Arsenic	BQL	0.0100	1	MG/L	6010B	10/19/2006
Barium	**0.920**	0.500	1	MG/L	6010B	10/19/2006
Beryllium	BQL	0.00200	10	MG/L	6020	10/25/2006
Cadmium	BQL	0.00100	10	MG/L	6020	10/25/2006
Chromium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Cobalt	BQL	0.0100	1	MG/L	6010B	10/19/2006
Copper	BQL	0.200	1	MG/L	6010B	10/19/2006
Lead	BQL	0.0100	1	MG/L	6010B	10/19/2006
Mercury	BQL	0.000285	1	MG/L	7470	10/10/2006
Nickel	BQL	0.0500	1	MG/L	6010B	10/19/2006
Selenium	BQL	0.0200	1	MG/L	6010B	10/19/2006
Silver	BQL	0.0100	1	MG/L	6010B	10/19/2006
Thallium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Vanadium	BQL	0.0400	1	MG/L	6010B	10/19/2006
Zinc	BQL	0.0500	1	MG/L	6010B	10/19/2006

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

Reviewed By:
MET_LIMS_4.1.XLS

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Results for Metals

Client Sample ID:	SW-1	Analyzed By:	RML
Client Project ID:	Henderson County Closed Landfill	Date Collected:	10/5/2006 11:45
Lab Sample ID:	G175-566-9	Date Received:	10/6/2006
Lab Project ID:	G175-566	Matrix:	WATER
Batch ID:	6403 6519		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Antimony	BQL	0.0300	10	MG/L	6020	10/24/2006
Arsenic	BQL	0.0100	1	MG/L	6010B	10/19/2006
Barium	BQL	0.500	1	MG/L	6010B	10/19/2006
Beryllium	BQL	0.00200	10	MG/L	6020	10/25/2006
Cadmium	BQL	0.00100	10	MG/L	6020	10/25/2006
Chromium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Cobalt	BQL	0.0100	1	MG/L	6010B	10/19/2006
Copper	BQL	0.200	1	MG/L	6010B	10/19/2006
Lead	BQL	0.0100	1	MG/L	6010B	10/19/2006
Nickel	BQL	0.0500	1	MG/L	6010B	10/19/2006
Selenium	BQL	0.0200	1	MG/L	6010B	10/19/2006
Silver	BQL	0.0100	1	MG/L	6010B	10/19/2006
Thallium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Vanadium	BQL	0.0400	1	MG/L	6010B	10/19/2006
Zinc	BQL	0.0500	1	MG/L	6010B	10/19/2006

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	MW-7	Analyzed By:	AEC
Client Project ID:	Henderson County Closed Landfill	Date Collected:	10/5/2006 11:30
Lab Sample ID:	G175-566-10	Date Received:	10/6/2006
Lab Project ID:	G175-566	Matrix:	WATER
Batch ID:	6403 6421 6519		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Antimony	BQL	0.0300	10	MG/L	6020	10/24/2006
Arsenic	BQL	0.0100	1	MG/L	6010B	10/19/2006
Barium	BQL	0.500	1	MG/L	6010B	10/19/2006
Beryllium	BQL	0.00200	10	MG/L	6020	10/25/2006
Cadmium	**0.00127**	0.00100	10	MG/L	6020	10/25/2006
Chromium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Cobalt	**0.0134**	0.0100	1	MG/L	6010B	10/19/2006
Copper	BQL	0.200	1	MG/L	6010B	10/19/2006
Lead	BQL	0.0100	1	MG/L	6010B	10/19/2006
Mercury	BQL	0.000285	1	MG/L	7470	10/10/2006
Nickel	BQL	0.0500	1	MG/L	6010B	10/19/2006
Selenium	BQL	0.0200	1	MG/L	6010B	10/19/2006
Silver	BQL	0.0100	1	MG/L	6010B	10/19/2006
Thallium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Vanadium	BQL	0.0400	1	MG/L	6010B	10/19/2006
Zinc	BQL	0.0500	1	MG/L	6010B	10/19/2006

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	EQ-Blank	Analyzed By:	RML
Client Project ID:	Henderson County Closed Landfill	Date Collected:	10/5/2006 7:45
Lab Sample ID:	G175-566-11	Date Received:	10/6/2006
Lab Project ID:	G175-566	Matrix:	WATER
Batch ID:	6403 6519		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Antimony	BQL	0.0300	10	MG/L	6020	10/24/2006
Arsenic	BQL	0.0100	1	MG/L	6010B	10/19/2006
Barium	BQL	0.500	1	MG/L	6010B	10/19/2006
Beryllium	BQL	0.00200	10	MG/L	6020	10/25/2006
Cadmium	BQL	0.00100	10	MG/L	6020	10/25/2006
Chromium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Cobalt	BQL	0.0100	1	MG/L	6010B	10/19/2006
Copper	BQL	0.200	1	MG/L	6010B	10/19/2006
Lead	BQL	0.0100	1	MG/L	6010B	10/19/2006
Nickel	BQL	0.0500	1	MG/L	6010B	10/19/2006
Selenium	BQL	0.0200	1	MG/L	6010B	10/19/2006
Silver	BQL	0.0100	1	MG/L	6010B	10/19/2006
Thallium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Vanadium	BQL	0.0400	1	MG/L	6010B	10/19/2006
Zinc	BQL	0.0500	1	MG/L	6010B	10/19/2006

Comments
BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	MW-9	Analyzed By:	AEC
Client Project ID:	Henderson County Closed Landfill	Date Collected:	10/5/2006 9:45
Lab Sample ID:	G175-566-12	Date Received:	10/6/2006
Lab Project ID:	G175-566	Matrix:	WATER
Batch ID:	6403 6421 6519		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Antimony	BQL	0.0300	10	MG/L	6020	10/24/2006
Arsenic	BQL	0.0100	1	MG/L	6010B	10/19/2006
Barium	BQL	0.500	1	MG/L	6010B	10/19/2006
Beryllium	BQL	0.00200	10	MG/L	6020	10/25/2006
Cadmium	BQL	0.00100	10	MG/L	6020	10/25/2006
Chromium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Cobalt	BQL	0.0100	1	MG/L	6010B	10/19/2006
Copper	BQL	0.200	1	MG/L	6010B	10/19/2006
Lead	BQL	0.0100	1	MG/L	6010B	10/19/2006
Mercury	BQL	0.000285	1	MG/L	7470	10/10/2006
Nickel	BQL	0.0500	1	MG/L	6010B	10/19/2006
Selenium	BQL	0.0200	1	MG/L	6010B	10/19/2006
Silver	BQL	0.0100	1	MG/L	6010B	10/19/2006
Thallium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Vanadium	BQL	0.0400	1	MG/L	6010B	10/19/2006
Zinc	BQL	0.0500	1	MG/L	6010B	10/19/2006

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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Results for Metals

Client Sample ID:	DUP	Analyzed By:	AEC
Client Project ID:	Henderson County Closed Landfill	Date Collected:	10/5/2006 0:00
Lab Sample ID:	G175-566-13	Date Received:	10/6/2006
Lab Project ID:	G175-566	Matrix:	WATER
Batch ID:	6403 6421 6519		

Metals	Result	RL	DF	Units	Method	Date Analyzed
Antimony	BQL	0.0300	10	MG/L	6020	10/24/2006
Arsenic	BQL	0.0100	1	MG/L	6010B	10/19/2006
Barium	BQL	0.500	1	MG/L	6010B	10/19/2006
Beryllium	BQL	0.00200	10	MG/L	6020	10/25/2006
Cadmium	BQL	0.00100	10	MG/L	6020	10/25/2006
Chromium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Cobalt	BQL	0.0100	1	MG/L	6010B	10/19/2006
Copper	BQL	0.200	1	MG/L	6010B	10/19/2006
Lead	BQL	0.0100	1	MG/L	6010B	10/19/2006
Mercury	BQL	0.000285	1	MG/L	7470	10/10/2006
Nickel	BQL	0.0500	1	MG/L	6010B	10/19/2006
Selenium	BQL	0.0200	1	MG/L	6010B	10/19/2006
Silver	BQL	0.0100	1	MG/L	6010B	10/19/2006
Thallium	BQL	0.0100	1	MG/L	6010B	10/19/2006
Vanadium	BQL	0.0400	1	MG/L	6010B	10/19/2006
Zinc	BQL	0.0500	1	MG/L	6010B	10/19/2006

Comments

BQL = Below Quantitation Limits
DF = Dilution Factor
J = Between MDL and RL
B= Amount in Prep Blank > MDL

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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.

MI34.030606.3

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- Hawaii
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- North Carolina

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SGS ENVIRONMENTAL SERVICES, INC.

N.C. CERTIFICATION #481

(1)

CLIENT: CDM

CONTACT: Dan Forbes — PHONE NO:(919) 787-5620

PROJECT: Henderson County Closed Landfill — SITE/PWSID# :

REPORTS TO: Dan Forbes — E-MAIL: — FAX NO.:(919) 781-5730

INVOICE TO: Dan Forbes — QUOTE # — P.O. NUMBER

SGS Reference: G175-566

PAGE 1 OF 2

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C= COMP, G= GRAB)	Appendix I VOCs + Naphthalene	Appendix I Metals/Hg	8270 - Phenols	Appendix I VOCs	Appendix I Metals					REMARKS
Preservatives Used							HCL	HNO3	—	HCL	HNO3					
Analysis Required (3)																
	MW-6	10/4/06	1305	W	5	G	3	1	1							- Provide low run results
	BR-3	10/4/06	1330	W	4	G				3	1					
	AW-1d	10/4/06	1500	W	5	G	3	1	1							- Provide Electronic Deliverable
	AW-1S	10/4/06	1445	W	5	G	3	1	1							
	BR-2	10/4/06	1530	W	4	G				3	1					
	MW-5	10/4/06	1700	W	5	G	3	1	1							
	BR-1	10/4/06	1715	W	4	G				3	1					
	MW-8	10/4/06	1750	W	5	G	3	1	1							
	SW-1	10/5/06	1145	W	4	G				3	1					
	MW-7	10/5/06	1130	W	5	G	3	1	1							

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
Daniel Faber	10/5/06	1600	
Relinquished By: (2)	Date 10/6/06	Time 1000	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Shipping Carrier: FED-Ex 8557-9300-0667
Shipping Ticket No:

Samples Received Cold? (Circle) YES NO
Temperature ∫C: 5.8°C

Special Deliverable Requirements:

Chain of Custody Seal: (Circle) INTACT BROKEN ABSENT

Requested Turnaround Time and Special Instructions:

* Standard Turnaround

❑ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
❑ 5500 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557
❑ 1270 Greenbrier Street **Charleston, WV 25311** Tel: (304) 346-0725 Fax: (304) 346-0761

White - Retained by Lab
Yellow - Returned with Report
Pink - Retained by Sampler

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(1)

CLIENT: CDM

CONTACT: Dan Forbes — PHONE NO:(919) 787-5620

PROJECT: Henderson County Closed LandFill — SITE/PWSID# :

REPORTS TO: Dan Forbes — E-MAIL:

FAX NO.:(919) 781-5730

INVOICE TO: Dan Forbes — QUOTE #

P.O. NUMBER

SGS Reference: G175-566

PAGE 2 OF 2

(2)

LAB NO.	SAMPLE IDENTIFICATION	DATE	TIME	MATRIX	No CONTAINERS	SAMPLE TYPE (C= COMP, G= GRAB)	Appendix I VOCs + Napthalene (3)	Appendix I Metals + Hg	8270 - Phenols	Appendix I VOCs	Appendix I Metals					REMARKS
	Preservatives Used						HCL	HNO3	-	HCL	HNO3					
	EQ - Blank	10/5/06	0745	W	4	G				3	1					- Provide low run results
	MW-9	10/5/06	0945	W	5	G	3	1	1							
	DUP	10/5/06	—	W	5	G	3	1	1							- Provide Electronic Deliverable
	Trip Blank	—	—	W	2	G				2						

(5)

Collected/Relinquished By:(1)	Date	Time	Received By:
Dan Forbes	10/5/06	1600	
Relinquished By: (2)	10/6/06	1000	Received By:
Relinquished By: (3)	Date	Time	Received By:
Relinquished By: (4)	Date	Time	Received By:

(4)

Shipping Carrier: Fed-Ex
8557-9300-0667
Shipping Ticket No:

Samples Received Cold? (Circle) YES NO

Temperature ∫C: 5.8°C

Special Deliverable Requirements:

Chain of Custody Seal: (Circle)

INTACT BROKEN ABSENT

Requested Turnaround Time and Special Instructions:

* Standard Turnaround

N.C. CERTIFICATION #481

SGS ENVIRONMENTAL SERVICES, INC.

❑ 200 W. Potter Drive **Anchorage, AK 99518** Tel: (907) 562-2343 Fax: (907) 561-5301
❑ 5500 Business Drive **Wilmington, NC 28405** Tel: (910) 350-1903 Fax: (910) 350-1557
❑ 1270 Greenbrier Street **Charleston, WV 25311** Tel: (304) 346-0725 Fax: (304) 346-0761

White - Retained by Lab
Yellow - Returned with Report
Pink - Retained by Sampler

Table 1
Summary of Detected Constituents - October 2006 Sampling Event
Stoney Mountain Road Landfill
Hendersonville, North Carolina

Parameter	Units	North Carolina Groundwater Class 2L Standards	MW-5	MW-6	MW-7	MW-8	MW-9	AMW-1s	AMW-1d	BR-1	BR-2	BR-3	SW-1
Field Analysis													
Groundwater Elevation	ft.msl	0.01	2,334.31	2,191.02	2,191.55	2,209.54	2,244.64	2,179.83	2,176.67	NA	NA	NA	NA
Specific Conductivity (Field)	umhos/cm^2	NS	90	953	319	530	56	531	395	530	765	1,512	184
Temperature (Field)	^{o} Celsius	NS	13.8	16.6	18.0	15.7	13.7	15.4	14.7	15.7	16.0	15.9	17.0
pH (Field)	Standard Unit	6.5-8.5	**5.81**	**6.06**	**5.54**	**5.90**	**5.35**	**6.17**	**6.15**	**5.90**	6.62	6.74	6.80
Trace Metals (Unfiltered)													
Arsenic	mg/L	0.05											
Barium	mg/L	2		0.562		0.92							
Beryllium	mg/L	0.002*											
Cadmium	mg/L	0.00175			0.00127								
Chromium	mg/L	0.05		0.0113									
Cobalt	mg/L	0.002*		**0.0154**	**0.0134**			**0.0189**					
Lead	mg/L	0.015		0.0127									
Mercury	mg/L	0.00105											
Selenium	mg/L	0.05		0.0234									
Silver	mg/L	0.0175											
Thallium	mg/L	0.002*											
Vanadium	mg/l	0.025*											
Zinc	mg/L	1.05											
Volatiles													
Acetone	ug/L	700											
Benzene	ug/L	1		**6.8**									
Chlorobenzene	ug/L	50		9.49	5.52			16.2					
1,2-Dichlorobenzene	ug/L	24		9.82									
1,4-Dichlorobenzene	ug/L	1.4		**18.5**	**14.6**								
1,1-Dichloroethane	ug/L	70				5.54							
cis-1,2-Dichloroethene	ug/L	70			14.2	15.7							
Ethylbenzene	ug/L	550		15.7									
2-Hexanone (MBK)	ug/L	280*											
Methylene Chloride	ug/l	4.6				**15.1**							
Napthalene	ug/L	21		5.84									
Tetrachloroethene (PCE)	ug/L	0.7				**21.0**							
1,1,1-Trichloroethane	ug/L	200											
Trichloroethene (TCE)	ug/L	2.8				**7.3**							
Trichlorofluoromethane	ug/L	2100											
Toluene	ug/L	1000											
Xylenes (total)	ug/L	530		58.71		14.08							
Semi-Volatiles [(1)]													
2,4-Dimethylphenol	ug/L	140		86.6						NA	NA	NA	NA
2-Methylphenol	ug/L	35*		80.8						NA	NA	NA	NA
3&4-Methylphenol	ug/L	35/3.5		16.4						NA	NA	NA	NA
Phenol	ug/L	300								NA	NA	NA	NA

NOTES:
Shaded area indicates concentration exceeds North Carolina Groundwater Class 2L Standards
NS - No Standard
* Subtitle D Landfill Groundwater Protection Standard
< Less than laboratory detection limit
NA - Not Analyzed
[1] All remaining semi-volatile parameters were below detection limits

Table 2
Summary of Calculated Groundwater Flow Velocities
Henderson County Stoney Mountain Road Landfill

	Sampling Date:		10/29/1997		11/25/1997		5/14/1998		11/11/1998		6/4/1999		10/29/1999	
Monitor Well Designation	Hydraulic Conductivity ft/day	Estimated Effective Porosity	Gradient	Average Linear Velocity ft/day	Gradient	Average Linear Velocity ft/day	Gradient	Average Linear Velocity ft/day	Gradient	Average Linear Velocity ft/day	Gradient	Average Linear Velocity ft/day	Gradient	Average Linear Velocity ft/day
MW-5	0.62	0.15	NA	NA	NA	NA	0.000	0.00	0.077	0.32	0.073	0.30	0.072	0.30
MW-6	0.43	0.15	NA	NA	NA	NA	0.000	0.00	0.076	0.22	0.073	0.21	0.072	0.21
MW-7	0.25	0.15	0.08	0.13	NA	NA	0.000	0.00	0.081	0.13	0.078	0.13	0.076	0.13
MW-8	0.34	0.15	0.08	0.18	NA	NA	0.000	0.00	0.084	0.19	0.080	0.18	0.079	0.18
MW-9	0.15	0.15	0.07	0.07	NA	NA	0.000	0.00	0.065	0.06	0.062	0.06	0.060	0.06

Notes: NA - Not Available since MW-6 was not sampled on 10-24-96 and 4-15-97. Also, MW-6 was not sampled on 10-29-97, but on 11-25-97 due to well repair.

Table 2
Summary of Calculated Groundwater Flow Velocities
Henderson County Stoney Mountain Road Landfill

4/20/2000		11/7/2000		5/15/2001		10/16/2001		4/24/2002		10/2/2002		4/1/2003		10/21/20	
Gradient	Average Linear Velocity ft/day	Gradient	Average Linear Velocity ft/day	Gradient	Average Linear Velocity ft/day	Gradient	Average Linear Velocity ft/day	Gradient	Average Linear Velocity ft/day	Gradient	Average Linear Velocity ft/day	Gradient	Average Linear Velocity ft/day	Gradient	Av Linea f
0.070	0.29	0.070	0.29	0.068	0.28	0.068	0.28	0.067	0.28	0.069	0.29	0.072	0.30	0.077	[illegible]
0.069	0.20	0.070	0.20	0.068	0.20	0.070	0.20	0.069	0.20	0.071	0.20	0.073	0.21	0.078	[illegible]
0.074	0.12	0.074	0.12	0.073	0.12	0.073	0.12	0.072	0.12	0.074	0.12	0.076	0.13	0.081	[illegible]
0.076	0.17	0.076	0.17	0.074	0.17	0.074	0.17	0.073	0.17	0.075	0.17	0.078	0.18	0.084	[illegible]
0.058	0.06	0.057	0.06	0.056	0.06	0.056	0.06	0.055	0.06	0.057	0.06	0.060	0.06	0.066	[illegible]

Table 2
Summary of Calculated Groundwater Flow Velocities
Henderson County Stoney Mountain Road Landfill

3/24/2004		10/26/2004		5/25/2005		10/5/2005		4/25/2006		10/4/2006		Average (All Dates)	
Gradient	Average Linear Velocity ft/day	Gradient	Average Linear Velocity ft/day	Gradient	Average Linear Velocity ft/day	Gradient	Average Linear Velocity ft/day	Gradient	Average Linear Velocity ft/day	Gradient	Average Linear Velocity ft/day	Average Linear Velocity ft/day	Average Linear Velocity ft/year
0.077	0.32	0.078	0.32	0.071	0.29	0.077	0.32	0.075	0.31	0.075	0.31	0.30	109.6
0.078	0.22	0.079	0.23	0.073	0.21	0.077	0.22	0.076	0.22	0.075	0.22	0.21	76.8
0.081	0.14	0.082	0.14	0.075	0.13	0.080	0.13	0.079	0.13	0.078	0.13	0.13	46.7
0.084	0.19	0.085	0.19	0.078	0.18	0.084	0.19	0.082	0.18	0.082	0.18	0.18	65.6
0.066	0.07	0.068	0.07	0.059	0.06	0.065	0.07	0.063	0.06	0.063	0.06	0.06	22.3

Table 3
Statistically Significant Constituents Over Background
Stoney Mountain Road Landfill
Hendersonville, North Carolina

WELL	PARAMETERS EXCEEDING NORTH CAROLINA 2L STANDARDS OCTOBER 2006 DATA	STATISTICALLY SIGNIFICANT PARAMETERS - ASSESSMENT MONITORING PHASE - OCTOBER 2006
MW-5	None	None (Background Well)
MW-6	Cobalt*, Benzene, 1,4-Dichlorobenzene,	Cobalt*, Benzene, Chlorobenzene, 1,4-Dichlorobenzene, Ethylbenzene, Total Xylenes,
MW-7	Cobalt*, 1,4-Dichlorobenzene	Cadmium, Cobalt*, Chlorobenzene, 1,4-Dichlorobenzene, cis-1,2-Dichloroethene
MW-8	Methylene Chloride, Tetrachloroethene, Trichloroethene	Barium, cis-1,2-Dichloroethene, 1,1-Dichloroethane, Methylene Chloride, Tetrachloroethene, Trichloroethene, Total Xylenes
MW-9	None	NA
AMW-1s	Cobalt*	Cobalt*, Chlorobenzene
AMW-1d	None	None

*- Exceeded Groundwater Protection Standard.

Table 4a
Detected Groundwater Constituents - Metals
Stoney Mountain Road Landfill
Hendersonville, North Carolina

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Cyanide, Total	Lead	Mercury	Nickel	Selenium	Silver	Sulfide	Thallium	Tin	Vanadium	Zinc
NC Standard		**0.006***	**0.050**	**2**	**0.002***	**0.00175**	**0.05**	**0.002***	**1.0**	**0.07**	**0.015**	**0.00105**	**0.1**	**0.05**	**0.0175**	**NS**	**2.00***	**NS**	**2.00***	**1.05**
MW-5	5-Dec-94			0.134						NA		NA				NA		NA		0.021
MW-5	14-Feb-95								0.01	NA		NA				NA		NA		0.033
MW-5	3-Apr-95			0.174						NA		NA				NA		NA		0.029
MW-5	30-Oct-95			0.348			0.011				0.007	0.0005				0.3				0.025
MW-5	8-Apr-96			0.199			0.005			NA		NA				NA		NA		0.044
MW-5	29-May-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	6-Jun-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	24-Oct-96			0.3					0.013		0.008	0.0007				0.2				0.037
MW-5	15-Apr-97			0.18			0.003	0.002	0.02	NA	0.013	NA			0.0009	NA		NA	0.013	0.05
MW-5	29-Oct-97			0.2			0.003		0.02	0.002	0.009					NA	0.001			
MW-5	14-May-98									NA						NA		NA		
MW-5	11-Nov-98									NA						NA		NA		
MW-5	4-Jun-99									NA						NA		NA		
MW-5	29-Oct-99									NA						NA		NA		
MW-5	20-Apr-00									NA						NA	0.0137	NA		
MW-5	7-Nov-00									NA						NA		NA		
MW-5	15-May-01									NA						NA		NA		
MW-5	16-Oct-01									NA						NA		NA		
MW-5	25-Apr-02				**0.0042**					NA	**0.024**					NA		NA		
MW-5	1-Oct-02									NA						NA		NA		
MW-5	9-Apr-03									NA						NA		NA		
MW-5	21-Oct-03									NA						NA		NA		
MW-5	25-Mar-04									NA						NA		NA		
MW-5	27-Oct-04									NA						NA		NA		
MW-5	25-May-05									NA						NA		NA		
MW-5	6-Oct-05									NA						NA		NA		
MW-5	26-Apr-06									NA						NA		NA		
MW-5	4-Oct-06									NA						NA		NA		
MW-6	5-Dec-94			0.237				0.041		NA	0.007	NA				NA		NA		
MW-6	14-Feb-95			0.416				0.048		NA	0.010	NA				NA		NA		0.044
MW-6	3-Apr-95			0.493	0.002			0.038		NA	0.012	NA				NA		NA		0.048
MW-6	30-Oct-95			0.539				0.034			**0.019**									0.03
MW-6	8-Apr-96			0.332				0.032		NA	0.006	NA				NA		NA		0.063
MW-6	29-May-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	6-Jun-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	24-Oct-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	15-Apr-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	25-Nov-97			0.7	0.003	**0.009**	0.008	0.019			**0.036**						0.001	NA		0.34
MW-6	14-May-98							**0.0534**		NA	0.0144					NA		NA		
MW-6	11-Nov-98									NA						NA		NA		
MW-6	4-Jun-99					**0.0056**		0.0523		NA	0.0119			**0.0611**		NA		NA		
MW-6	29-Oct-99					0.0012				NA						NA		NA		
MW-6	20-Apr-00					0.0023				NA						NA		NA		
MW-6	7-Nov-00					0.015				NA						NA		NA		
MW-6	15-May-01					0.0032		0.014		NA				0.0247	0.0113	NA		NA		
MW-6	16-Oct-01			0.178						NA						NA		NA		
MW-6	24-Apr-02					0.002		**0.0179**		NA						NA	0.0224	NA		
MW-6	1-Oct-02					0.002		**0.0114**		NA						NA		NA		
MW-6	10-Apr-03					0.002		**0.0131**		NA						NA		NA		
MW-6	21-Oct-03					0.00135		**0.0321**		NA						NA		NA		
MW-6	25-Mar-04					0.00334		**0.0949**		NA						NA		NA		
MW-6	27-Oct-04		**0.0147**	0.53		**0.0116**		**0.1200**		NA	**0.0613**					NA		NA		
MW-6 (dup)	27-Oct-04		**0.0211**			**0.0126**		**0.1330**		NA	**0.0626**					NA		NA		
MW-6	25-May-05					0.00131	0.0201	**0.0355**		NA	0.0119			0.0253		NA	0.0771	NA		
MW-6	6-Oct-05					**0.0019**	0.0149	**0.0235**		NA						NA	0.0585	NA		
MW-6	25-Apr-06			0.687			0.0114	**0.0188**		NA				0.0266		NA	0.0813	NA		
MW-6	4-Oct-06			0.562			0.0113	**0.0154**		NA	0.0127			0.0234		NA		NA		
MW-7	5-Dec-94			0.378	0.003	**0.022**	**0.056**		0.019	NA	**0.027**	NA				NA		NA		0.033
MW-7	14-Feb-95			0.439	0.004	0.003				NA	0.005	NA				NA		NA		0.029
MW-7	3-Apr-95			0.35	0.003	0.001			0.013	NA		NA				NA		NA		0.026
MW-7	30-Oct-95			0.23								0.0009								
MW-7	8-Apr-96			0.264						NA		NA				NA		NA		0.022
MW-7	29-May-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	6-Jun-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	24-Oct-96			0.338							0.007									0.022
MW-7	15-Apr-97			0.3				0.019		NA		NA			0.0009	NA		NA		0.05
MW-7	29-Oct-97	0.003		0.5	0.003		0.002	0.007			0.005	**0.0019**					0.001			
MW-7	14-May-98							0.0173		NA		**0.002**				NA		NA		
MW-7	11-Nov-98									NA						NA		NA		
MW-7	4-Jun-99							0.0115		NA		0.0005				NA		NA		
MW-7 (dup)	4-Jun-99									NA		0.0004				NA		NA		
MW-7	29-Oct-99									NA		0.0004				NA		NA		
MW-7 (dup)	29-Oct-99									NA		0.0004				NA		NA		
MW-7	20-Apr-00					0.0017		**0.0125**		NA		0.0010				NA		NA		
MW-7	7-Nov-00									NA						NA		NA		
MW-7	15-May-01									NA		0.0004				NA		NA		
MW-7 (dup)	15-May-01									NA		0.0003				NA		NA		
MW-7	16-Oct-01			0.116						NA		0.0003				NA		NA		
MW-7 (dup)	16-Oct-01			0.118						NA		0.0003				NA		NA		
MW-7	24-Apr-02									NA						NA		NA		
MW-7	2-Oct-02									NA		0.0003				NA		NA		
MW-7 (dup)	2-Oct-02									NA						NA		NA		
MW-7	10-Apr-03									NA		0.0003				NA		NA		
MW-7	21-Oct-03									NA		0.00045				NA		NA		
MW-7	24-Mar-04							**0.016**		NA		0.00073				NA		NA		
MW-7	26-Oct-04					0.00128		**0.0185**		NA		0.00091				NA		NA		
MW-7	25-May-05					0.00102		**0.0168**		NA		0.00072				NA	0.022	NA		
MW-7	5-Oct-05					0.00139		**0.0162**		NA						NA	0.0546	NA		
MW-7	25-Apr-06							**0.0139**		NA						NA	0.0242	NA		
MW-7 (dup)	25-Apr-06							**0.0136**		NA						NA	0.0263	NA		
MW-7	5-Oct-06					0.00127		**0.0134**		NA						NA		NA		

Table 4a
Detected Groundwater Constituents - Metals
Stoney Mountain Road Landfill
Hendersonville, North Carolina

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Cyanide, Total	Lead	Mercury	Nickel	Selenium	Silver	Sulfide	Thallium	Tin	Vanadium	Zinc
NC Standard		**0.006***	**0.050**	**2**	**0.002***	**0.00175**	**0.05**	**0.002***	**1.0**	**0.07**	**0.015**	**0.00105**	**0.1**	**0.05**	**0.0175**	**NS**	**2.00***	**NS**	**2.00***	**1.05**
MW-8	5-Dec-94			0.528	0.007					NA	0.007	NA				NA		NA		0.02
MW-8	14-Feb-95			0.601	0.005					NA		NA				NA		NA		0.069
MW-8	3-Apr-95			0.786	0.009				0.012	NA		NA				NA		NA		0.029
MW-8	30-Oct-95			0.835	0.005							0.0009								
MW-8	8-Apr-96			0.79	0.004					NA		NA				NA		NA		0.067
MW-8	29-May-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	6-Jun-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	24-Oct-96			0.925	0.004															0.018
MW-8	15-Apr-97			0.81	0.008		0.002	0.002		NA	0.012	NA			0.0007	NA		NA	0.005	0.03
MW-8	29-Oct-97			0.7	0.014		0.002				0.011	0.0008					0.001			
MW-8	14-May-98			0.628						NA		0.0002				NA		NA		
MW-8	11-Nov-98									NA		0.0002				NA		NA		
MW-8	4-Jun-99			0.552	0.0024					NA						NA		NA		
MW-8	29-Oct-99									NA						NA		NA		
MW-8	20-Apr-00									NA						NA		NA		
MW-8	7-Nov-00									NA						NA		NA		
MW-8 (dup)	7-Nov-00									NA						NA		NA		
MW-8	15-May-01			0.604						NA						NA		NA		
MW-8	16-Oct-01			0.298						NA		0.0003				NA		NA		
MW-8	24-Apr-02			0.642						NA						NA		NA		
MW-8	1-Oct-02									NA						NA		NA		
MW-8	10-Apr-03			0.522						NA						NA		NA		
MW-8	21-Oct-03			0.72						NA						NA		NA		
MW-8 (dup)	21-Oct-03			0.732						NA						NA		NA		
MW-8	24-Mar-04			0.829						NA		0.000258				NA		NA		
MW-8	26-Oct-04		**0.0213**	0.866		0.00108				NA	**0.0174**					NA		NA		
MW-8	5-Oct-05			0.982						NA						NA	0.0178	NA		
MW-8 (dup)	5-Oct-05			0.977						NA						NA	0.0178	NA		
MW-8	25-Apr-06			0.822						NA						NA		NA		
MW-8	4-Oct-06			0.92						NA						NA		NA		
MW-9	5-Dec-94			0.207						NA		NA				NA		NA		0.082
MW-9	14-Feb-95			0.205					0.016	NA		NA			0.011	NA		NA		0.113
MW-9	3-Apr-95			0.197					0.014	NA		NA				NA		NA		0.02
MW-9	30-Oct-95			0.358								0.0008								0.023
MW-9	8-Apr-96			0.14						NA		NA				NA		NA		0.036
MW-9	29-May-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-9	6-Jun-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-9	24-Oct-96			0.285							0.013									0.039
MW-9	15-Apr-97			0.36			0.002	0.003	0.01	NA	0.012	NA			0.0003	NA		NA	0.006	0.04
MW-9	29-Oct-97			0.1	0.001		0.001										0.002			
MW-9	14-May-98									NA						NA		NA		
MW-9	11-Nov-98									NA						NA		NA		
MW-9	4-Jun-99									NA						NA		NA		
MW-9	29-Oct-99									NA						NA		NA		
MW-9	20-Apr-00									NA						NA		NA		
MW-9 (dup)	20-Apr-00									NA						NA		NA		
MW-9	7-Nov-00									NA						NA		NA		
MW-9	15-May-01									NA						NA		NA		
MW-9	16-Oct-01									NA		0.0003				NA		NA		
MW-9	24-Apr-02									NA						NA		NA		
MW-9 (dup)	24-Apr-02									NA						NA		NA		
MW-9	1-Oct-02									NA						NA		NA		
MW-9	10-Apr-03									NA		0.0003				NA		NA		
MW-9 (dup)	10-Apr-03									NA		0.0003				NA		NA		
MW-9	21-Oct-03									NA						NA		NA		
MW-9	24-Mar-04									NA						NA		NA		
MW-9 (dup)	24-Mar-04									NA						NA		NA		
MW-9	26-Oct-04									NA						NA		NA		
MW-9	25-May-05									NA						NA		NA		
MW-9 (dup)	25-May-05									NA						NA		NA		
MW-9	5-Oct-05									NA						NA		NA		
MW-9	25-Apr-06									NA						NA		NA		
MW-9	5-Oct-06									NA						NA		NA		
MW-9 (dup)	5-Oct-06									NA						NA		NA		
AMW-1s	20-Apr-00			0.258				0.0143		NA						NA		NA		0.021
AMW-1s	24-Apr-02							**0.0161**		NA						NA		NA		
AMW-1s	2-Oct-02		0.0101					**0.0117**		NA						NA		NA		
AMW-1s	9-Apr-03							**<0.01**		NA						NA		NA		
AMW-1s	21-Oct-03									NA						NA		NA		
AMW-1s	25-Mar-04									NA						NA		NA		
AMW-1s	27-Oct-04					0.001				NA						NA		NA		
AMW-1s	25-May-05							**0.0134**		NA						NA		NA		
AMW-1s	6-Oct-05					**0.00257**		**0.0161**		NA						NA		NA		
AMW-1s	26-Apr-06							**0.0161**		NA						NA		NA		
AMW-1s	4-Oct-06							**0.0189**		NA						NA		NA		
AMW-1d	16-Oct-01									NA				0.0206		NA		NA		
AMW-1d	24-Apr-02									NA						NA		NA		
AMW-1d	2-Oct-02									NA						NA		NA		
AMW-1d	9-Apr-03		0.0111							NA						NA		NA		
AMW-1d	21-Oct-03									NA						NA		NA		
AMW-1d	25-Mar-04									NA						NA		NA		
AMW-1d	27-Oct-04									NA						NA		NA		
AMW-1d	25-May-05									NA						NA		NA		
AMW-1d	6-Oct-05									NA						NA		NA		
AMW-1d	26-Apr-06									NA						NA		NA		
AMW-1d	4-Oct-06									NA						NA		NA		

NOTES:
All units are in milligrams per liter (parts per million).
Shaded area indicates concentration exceeds NC2L Standards
NS = No Standard
NA = Not Analyzed
< Less than laboratory detection limit
* Groundwater Protection Standard
[1] All remaining semi-volatile parameters were below detection limits
MW-8 was not sampled during the May 2005 sampling event due to a bent casing.

Table 4b
Detected Constituents - Volatile Organic Compounds
Stoney Mountain Road Landfill
Hendersonville, North Carolina

Monitor Well	Sample Date	Acetone	Benzene	2-Butanone (MEK)	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	cis-1,2-Dichloroethene	1,2-Dichloropropane	Diethyl Ether	Ethylbenzene	2-Hexanone	Isopropyl Benzene	4-Isopropyl Benzene	Methylene Chloride	4-Methyl-2 Pentanone	Methyl-Tert-Butyl-Ether-MTBE	Napthalene	Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,2,4-Trimethyl Benzene	1,3,5-Trimethyl Benzene	1,1,1-Trichloroethane	Trichlorofluoromethane	Toluene	Vinyl Chloride	Xylenes (Total)
NC Standard		700	1.0	170	700	0.27	50	2800	24	620	1.4	70	70	0.51	NS	550	NS	NS	NS	4.6	NS	200	21	0.7	2.8	350	350	200	2100	1000	0.015	530
MW-5	5-Dec-94									NA					NA			NA	NA			NA	NA			NA	NA					
MW-5	14-Feb-95									NA					NA			NA	NA	NA		NA	NA			NA	NA					
MW-5	3-Apr-95									NA								NA	NA	NA		NA	NA			NA	NA					
MW-5	30-Oct-95																		NA													
MW-5	8-Apr-96									NA					NA			NA	NA			NA	NA			NA	NA					
MW-5	29-May-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	6-Jun-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-5	24-Oct-96														NA			NA	NA			NA				NA	NA					
MW-5	15-Apr-97									NA					NA			NA	NA	NA		NA	NA			NA	NA					
MW-5	29-Oct-97														NA				NA													
MW-5	14-May-98														NA			NA	NA			NA				NA	NA					
MW-5	11-Nov-98														NA			NA	NA			NA				NA	NA					
MW-5	4-Jun-99									NA					NA			NA	NA			NA				NA	NA					
MW-5	29-Oct-99									NA					NA			NA	NA			NA				NA	NA					
MW-5	20-Apr-00									NA					NA			NA	NA			NA				NA	NA					
MW-5	7-Nov-00									NA					NA			NA	NA			NA				NA	NA					
MW-5	15-May-01									NA					NA			NA	NA			NA				NA	NA					
MW-5	16-Oct-01									NA					NA			NA	NA			NA				NA	NA					
MW-5	25-Apr-02									NA					NA			NA	NA			NA				NA	NA					
MW-5	1-Oct-02									NA					NA			NA	NA			NA				NA	NA					
MW-5	9-Apr-03									NA					NA			NA	NA			NA				NA	NA					
MW-5	21-Oct-03									NA					NA			NA	NA			NA				NA	NA					
MW-5	25-Mar-04									NA					NA			NA	NA			NA				NA	NA					
MW-5	27-Oct-04									NA					NA			NA	NA			NA				NA	NA					
MW-5	25-May-05									NA					NA			NA	NA			NA				NA	NA					
MW-5	6-Oct-05														NA			NA	NA			NA				NA	NA					
MW-5	26-Apr-06														NA			NA	NA			NA				NA	NA					
MW-5	4-Oct-06														NA			NA	NA			NA				NA	NA					
MW-6	5-Dec-94		**11**	10						NA			NA		NA	11		NA	NA		16	NA	NA			NA	NA	NA		5		70
MW-6	14-Feb-95		**11**							NA	NA		9		NA	14		NA	NA	NA		NA	NA		NA	NA	NA	NA		7		68
MW-6	3-Apr-95		**8**							NA	11	NA	7		NA	8		NA	NA	NA		NA	NA			NA	NA	NA				45
MW-6	30-Oct-95	50									10		10		90	10		10	NA		20					9		NA				40
MW-6	8-Apr-96	98	**9**						NA	NA	NA		7		NA	9		NA	NA			NA	NA			NA	NA	NA				46
MW-6	29-May-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	6-Jun-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	24-Oct-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	15-Apr-97	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-6	25-Nov-97	95	**5**	46	15		7	2	1		9	1	4		NA	3		5	4			2	2			3	2	NA			**2**	12
MW-6	14-May-98	330	**8**	**220**							18				NA	8		NA	NA			NA				NA	NA	NA				65
MW-6	11-Nov-98						8				18				NA			NA	NA			NA				NA	NA	NA				
MW-6	4-Jun-99	**780**	**8**	**670**			7			NA	18		6		NA	11		NA	NA			NA	9			NA	NA	NA		150		55
MW-6	29-Oct-99									NA					NA			NA	NA			NA				NA	NA	NA				8
MW-6	20-Apr-00									NA	5				NA			NA	NA			NA				NA	NA	NA		59		10
MW-6	7-Nov-00	190					7			NA					NA			NA	NA			NA				NA	NA	NA				
MW-6	15-May-01						6			NA	14				NA			NA	NA			NA				NA	NA	NA		11		27
MW-6	16-Oct-01						7			NA	12				NA			NA	NA			NA				NA	NA	NA				17
MW-6	24-Apr-02	190	**6**				6			NA	18				NA		55	NA	NA			NA	7			NA	NA	NA				40
MW-6	1-Oct-02	280					8			NA	14				NA			NA	NA			NA				NA	NA	NA				8
MW-6	10-Apr-03									NA					NA			NA	NA			NA				NA	NA	NA				
MW-6	21-Oct-03		**7**				10		7	NA	23				NA			NA	NA			NA	7			NA	NA	NA		5		27
MW-6	25-Mar-04		**6**				11			NA					NA	9		NA	NA			NA				NA	NA	NA		878		48
MW-6	27-Oct-04		**7.2**				13		6	NA	20				NA	22.4		NA	NA			NA	6			NA	NA	NA		**1220**		70
MW-6 (dup)	27-Oct-04		**7.6**				14		7	NA	21				NA	23.1		NA	NA			NA	7			NA	NA	NA		**1500**		72
MW-6	25-May-05									NA					NA			NA	NA			NA				NA	NA	NA		132		55
MW-6	5-Oct-05		**7.2**				13		12		**25.4**				NA	28		NA	NA			NA	8			NA	NA			16		81
MW-6	25-Apr-06		**6.2**				11		10		**24.3**				NA	12.4		NA	NA			NA	6			NA	NA			12		48
MW-6	4-Oct-06		**6.8**				9		10		**18.5**				NA	15.7		NA	NA			NA	6			NA	NA					59
MW-7	5-Dec-94									NA			24		NA			NA	NA			NA	NA	**6.6**		NA	NA	NA				
MW-7	14-Feb-95									NA		9			NA			NA	NA	NA		NA	NA	**7**		NA	NA	NA				
MW-7	3-Apr-95									NA		7	17					NA	NA	NA		NA	NA	**6.3**		NA	NA	NA				
MW-7	30-Oct-95										5	10	25		31				NA	**10**								NA				
MW-7	8-Apr-96		**3.9**							NA	9	6	17		NA			NA	NA			NA	NA			NA	NA	NA				
MW-7	29-May-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	6-Jun-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-7	24-Oct-96		**5**								8	8	21		NA			NA	NA	**9**	**<10**	NA				NA	NA	NA				
MW-7	15-Apr-97		**6.9**							NA	24		14		NA			NA	NA	NA		NA	NA			NA	NA	NA				
MW-7	29-Oct-97		**6**				3			9	10	7	20	**1**	NA				NA				2	**4**	2			NA			**5**	1
MW-7	14-May-98		**6**						14		22		14		NA			NA	NA			NA				NA	NA	NA				
MW-7	11-Nov-98		**7**									6	21		NA			NA	NA	**<10**		NA				NA	NA	NA				
MW-7	4-Jun-99		**6**							NA	10	5	17		NA			NA	NA			NA				NA	NA	NA				
MW-7 (dup)	4-Jun-99		**6**							NA	11	5	17		NA			NA	NA			NA				NA	NA	NA				
MW-7	29-Oct-99									NA	7		17		NA			NA	NA			NA				NA	NA	NA				
MW-7 (dup)	29-Oct-99		**5**							NA	9		20		NA			NA	NA			NA				NA	NA	NA				
MW-7	20-Apr-00									NA	18		13		NA			NA	NA			NA				NA	NA	NA				
MW-7	7-Nov-00									NA	8		15		NA			NA	NA			NA				NA	NA	NA				
MW-7	15-May-01									NA	6		14		NA			NA	NA			NA				NA	NA	NA				
MW-7 (dup)	15-May-01									NA	6		12		NA			NA	NA			NA				NA	NA	NA				
MW-7	16-Oct-01									NA	7		13		NA			NA	NA			NA				NA	NA	NA				
MW-7 (dup)	16-Oct-01									NA	7		13		NA			NA	NA			NA				NA	NA	NA				
MW-7	24-Apr-02									NA	8		15		NA			NA	NA			NA				NA	NA	NA				
MW-7	2-Oct-02									NA	9		12		NA			NA	NA			NA				NA	NA	NA				
MW-7 (dup)	2-Oct-02									NA	9		12		NA			NA	NA			NA				NA	NA	NA				
MW-7	10-Apr-03									NA	12		11		NA			NA	NA			NA				NA	NA	NA				
MW-7	21-Oct-03									NA	13		11		NA			NA	NA			NA				NA	NA	NA				
MW-7	24-Mar-04									NA			10		NA			NA	NA			NA				NA	NA	NA				
MW-7	26-Oct-04						5			NA	19		11		NA			NA	NA			NA				NA	NA	NA				
MW-7	25-May-05						6			NA	**17.8**		11		NA			NA	NA			NA				NA	NA	NA				
MW-7	5-Oct-05						6			NA	**17**		12		NA			NA	NA			NA				NA	NA					
MW-7	25-Apr-06						6				**16.4**		13		NA			NA	NA			NA				NA	NA					
MW-7 (dup)	25-Apr-06						6				**24.9**		10		NA			NA	NA			NA				NA	NA					
MW-7	5-Oct-06						6				**14.6**		14		NA			NA	NA			NA				NA	NA					

Table 4b
Detected Constituents - Volatile Organic Compounds
Stoney Mountain Road Landfill
Hendersonville, North Carolina

Monitor Well	Sample Date	Acetone	Benzene	2-Butanone (MEK)	Carbon Disulfide	Carbon Tetrachloride	Chlorobenzene	Chloroethane	1,2-Dichlorobenzene	1,3-Dichlorobenzene	1,4-Dichlorobenzene	1,1-Dichloroethane	cis-1,2-Dichloroethene	1,2-Dichloropropane	Diethyl Ether	Ethylbenzene	2-Hexanone	Isopropyl Benzene	4-Isopropyl Benzene	Methylene Chloride	4-Methyl-2 Pentanone	Methyl-Tert-Butyl-Ether-MTBE	Napthalene	Tetrachloroethene (PCE)	Trichloroethene (TCE)	1,2,4-Trimethyl Benzene	1,3,5-Trimethyl Benzene	1,1,1-Trichloroethane	Trichlorofluoromethane	Toluene	Vinyl Chloride	Xylenes (Total)
NC Standard		700	1.0	170	700	0.27	50	2800	24	620	1.4	70	70	0.51	NS	550	NS	NS	NS	4.6	NS	200	21	0.7	2.8	350	350	200	2100	1000	0.015	530
MW-8	5-Dec-94									NA			11		NA			NA	NA	7		NA	NA	9		NA	NA					130
MW-8	14-Feb-95									NA			8		NA			NA	NA	NA		NA	NA	7		NA	NA					
MW-8	3-Apr-95									NA								NA	NA	NA		NA	NA			NA	NA					47
MW-8	30-Oct-95												10						NA													40
MW-8	8-Apr-96					2				NA			7		NA			NA	NA			NA	NA			NA	NA					35
MW-8	29-May-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	6-Jun-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-8	24-Oct-96														NA			NA	NA			NA				NA	NA			9		19
MW-8	15-Apr-97									NA			15		NA			NA	NA	NA		NA	NA	15		NA	NA					44
MW-8	29-Oct-97												3		NA	2			NA					4							2	3
MW-8	14-May-98														NA			NA	NA			NA		19		NA	NA					17
MW-8	11-Nov-98														NA			NA	NA			NA		15		NA	NA					5
MW-8	4-Jun-99									NA		6			NA			NA	NA			NA		44		NA	NA		13			9
MW-8	29-Oct-99									NA					NA			NA	NA			NA		27		NA	NA		7			6
MW-8	20-Apr-00									NA		5			NA			NA	NA			NA		69	6	NA	NA		10			
MW-8	7-Nov-00									NA		6			NA			NA	NA			NA		54		NA	NA		15			
MW-8 (dup)	7-Nov-00									NA		6			NA			NA	NA	16		NA		26		NA	NA		20			6
MW-8	15-May-01									NA		14	7		NA			NA	NA	52		NA		110	14	NA	NA	6	14			
MW-8	16-Oct-01									NA		11			NA			NA	NA	38		NA		44	8	NA	NA	6	19			
MW-8	24-Apr-02									NA		25	11		NA			NA	NA	87		NA		170	20	NA	NA	9	13			14
MW-8	1-Oct-02									NA		17	7		NA			NA	NA	44		NA		110	13	NA	NA	5	15			9
MW-8	10-Apr-03									NA		24	18		NA			NA	NA	54		NA		120	27	NA	NA		8			15
MW-8	21-Oct-03								6	NA		18	22		NA			NA	NA	27		NA		61	26	NA	NA					14
MW-8 (dup)	21-Oct-03								6	NA		18	22		NA			NA	NA	25		NA		60	24	NA	NA					14
MW-8	24-Mar-04									NA		10	13		NA			NA	NA	30		NA		32	13	NA	NA					10
MW-8	26-Oct-04									NA		13	26		NA			NA	NA	42.1		NA		52	17.5	NA	NA					18
MW-8	5-Oct-05												13		NA			NA	NA	13.4		NA		16.2	5	NA	NA					12
MW-8 (dup)	5-Oct-05												12		NA			NA	NA	12.9		NA		15.8	<5	NA	NA					12
MW-8	25-Apr-06												12		NA			NA	NA	13.9		NA		10		NA	NA					12
MW-8	4-Oct-06											6	16		NA			NA	NA	15.1		NA		21	7	NA	NA					14
MW-9	5-Dec-94									NA					NA			NA	NA			NA	NA			NA	NA	NA				
MW-9	14-Feb-95									NA					NA			NA	NA	NA		NA	NA	6		NA	NA	NA				
MW-9	3-Apr-95									NA								NA	NA	NA		NA	NA	6		NA	NA	NA				
MW-9	30-Oct-95																		NA					5				NA				
MW-9	8-Apr-96									NA					NA			NA	NA			NA	NA			NA	NA	NA				
MW-9	29-May-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-9	6-Jun-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
MW-9	24-Oct-96														NA			NA	NA			NA		9		NA	NA	NA				
MW-9	15-Apr-97									NA					NA			NA	NA	NA		NA	NA	16		NA	NA	NA				
MW-9	29-Oct-97											1	6		NA				NA	1				16	2			NA			1	
MW-9	14-May-98														NA			NA	NA			NA		13		NA	NA	NA				
MW-9	11-Nov-98														NA			NA	NA			NA		15		NA	NA	NA				
MW-9	4-Jun-99									NA			12		NA			NA	NA			NA		27		NA	NA	NA				
MW-9	29-Oct-99									NA			26		NA			NA	NA			NA		31		NA	NA	NA				
MW-9	20-Apr-00									NA			16		NA			NA	NA			NA		30		NA	NA	NA				
MW-9 (dup)	20-Apr-00									NA			20		NA			NA	NA			NA		37		NA	NA	NA				
MW-9	7-Nov-00									NA			12		NA			NA	NA			NA		36		NA	NA	NA				
MW-9	15-May-01									NA			8		NA			NA	NA			NA		24		NA	NA	NA				
MW-9	16-Oct-01									NA			9		NA			NA	NA			NA		11		NA	NA	NA				
MW-9	24-Apr-02									NA			10		NA			NA	NA			NA		24		NA	NA	NA				
MW-9 (dup)	24-Apr-02									NA			9		NA			NA	NA			NA		22		NA	NA	NA				
MW-9	1-Oct-02									NA			6		NA			NA	NA			NA		20		NA	NA	NA				
MW-9	10-Apr-03									NA					NA			NA	NA			NA		11		NA	NA	NA				
MW-9 (dup)	10-Apr-03									NA					NA			NA	NA			NA		11		NA	NA	NA				
MW-9	21-Oct-03									NA					NA			NA	NA			NA		11		NA	NA	NA				
MW-9	24-Mar-04									NA					NA			NA	NA			NA		8		NA	NA	NA				
MW-9 (dup)	24-Mar-04									NA					NA			NA	NA			NA		7		NA	NA	NA				
MW-9	26-Oct-04									NA					NA			NA	NA			NA		8.12		NA	NA	NA				
MW-9	25-May-05									NA					NA			NA	NA			NA		6.96		NA	NA	NA				
MW-9 (dup)	25-May-05									NA					NA			NA	NA			NA				NA	NA	NA				
MW-9	5-Oct-05														NA			NA	NA			NA				NA	NA					
MW-9	25-Apr-06														NA			NA	NA			NA				NA	NA					
MW-9	5-Oct-06														NA			NA	NA			NA				NA	NA					
MW-9 (dup)	5-Oct-06														NA			NA	NA			NA				NA	NA					
AMW-1s	20-Apr-00						8			NA					NA			NA	NA			NA				NA	NA	NA				
AMW-1s	24-Apr-02						7			NA					NA			NA	NA			NA				NA	NA	NA				
AMW-1s	2-Oct-02									NA					NA			NA	NA			NA				NA	NA	NA				
AMW-1s	9-Apr-03						6			NA					NA			NA	NA			NA				NA	NA	NA				
AMW-1s	21-Oct-03									NA					NA			NA	NA			NA				NA	NA	NA				
AMW-1s	25-Mar-04									NA					NA			NA	NA			NA				NA	NA	NA				
AMW-1s	27-Oct-04									NA					NA			NA	NA			NA				NA	NA	NA				
AMW-1s	25-May-05						6.1			NA					NA			NA	NA			NA				NA	NA	NA				
AMW-1s	6-Oct-05														NA			NA	NA			NA				NA	NA					
AMW-1s	26-Apr-06						9.6								NA			NA	NA			NA				NA	NA					
AMW-1s	4-Oct-06						16								NA			NA	NA			NA				NA	NA					
AMW-1d	16-Oct-01									NA					NA			NA	NA			NA				NA	NA	NA				
AMW-1d	24-Apr-02									NA					NA			NA	NA			NA				NA	NA	NA				
AMW-1d	2-Oct-02									NA					NA			NA	NA			NA				NA	NA	NA				
AMW-1d	9-Apr-03									NA					NA			NA	NA			NA				NA	NA	NA				
AMW-1d	21-Oct-03									NA					NA			NA	NA			NA				NA	NA	NA				
AMW-1d	25-Mar-04									NA					NA			NA	NA			NA				NA	NA	NA				
AMW-1d	27-Oct-04									NA					NA			NA	NA			NA				NA	NA	NA				
AMW-1d	25-May-05									NA					NA			NA	NA			NA				NA	NA	NA				
AMW-1d	6-Oct-05														NA			NA	NA			NA				NA	NA					
AMW-1d	26-Apr-06														NA			NA	NA			NA				NA	NA					
AMW-1d	4-Oct-06														NA			NA	NA			NA				NA	NA					

NOTES:
All units are in micrograms per liter (parts per billion)
Shaded area indicates concentration exceeds NC2L Standards
NS = No Standard
NA = Not Analyzed
< Less than laboratory detection limit
* Groundwater Protection Standard
[1] All remaining semi-volatile parameters were below detection limits
MW-8 was not sampled during the May 2005 sampling event due to a bent casing.

Table 4c
Detected Constituents - Semi-Volatile Organic Compounds
Stoney Mountain Road Landfill
Hendersonville, North Carolina

Monitor Well	Sample Date	2,4-Dimethylphenol	2-Methylphenol	3&4-Methylphenol	Phenol
NC Standard		**140**	**NS**	**35**	**300**
MW-5	5-Dec-94	NA	NA	NA	NA
MW-5	14-Feb-95	NA	NA	NA	NA
MW-5	3-Apr-95	NA	NA	NA	NA
MW-5	30-Oct-95	NA	NA	NA	
MW-5	8-Apr-96	NA	NA	NA	NA
MW-5	29-May-96	NA	NA	NA	NA
MW-5	6-Jun-96	NA	NA	NA	NA
MW-5	24-Oct-96	NA	NA	NA	
MW-5	15-Apr-97	NA	NA	NA	NA
MW-5	29-Oct-97				
MW-5	14-May-98				
MW-5	11-Nov-98				
MW-5	4-Jun-99				
MW-5	29-Oct-99				
MW-5	20-Apr-00				
MW-5	7-Nov-00				
MW-5	15-May-01				
MW-5	16-Oct-01				
MW-5	25-Apr-02				
MW-5	1-Oct-02				
MW-5	9-Apr-03				
MW-5	21-Oct-03				
MW-5	25-Mar-04				
MW-5	27-Oct-04				
MW-5	25-May-05				
MW-5	5-Oct-05				
MW-5	25-Apr-06				
MW-5	4-Oct-06				
MW-6	5-Dec-94	NA	NA	NA	NA
MW-6	14-Feb-95	NA	NA	NA	NA
MW-6	3-Apr-95	NA	NA	NA	NA
MW-6	30-Oct-95	NA	NA	NA	
MW-6	8-Apr-96	NA	NA	NA	NA
MW-6	29-May-96	NA	NA	NA	NA
MW-6	6-Jun-96	NA	NA	NA	NA
MW-6	24-Oct-96	NA	NA	NA	NA
MW-6	15-Apr-97	NA	NA	NA	NA
MW-6	25-Nov-97		120	**140**	240
MW-6	14-May-98		170	**160**	**1400**
MW-6	11-Nov-98				
MW-6	4-Jun-99		200	**260**	**3100**
MW-6	29-Oct-99				
MW-6	20-Apr-00		52	57	190
MW-6	7-Nov-00				
MW-6	15-May-01		14		
MW-6	16-Oct-01				
MW-6	24-Apr-02				
MW-6	1-Oct-02				
MW-6	10-Apr-03				
MW-6	21-Oct-03	19	38	27	
MW-6	25-Mar-04		2440	**1930**	**13200**
MW-6	27-Oct-04	35.9	2240	**2880**	**16400**
MW-6 (dup)	27-Oct-04	33.2	2070	**2730**	**14600**
MW-6	25-May-05	**140**	278	**398**	105
MW-6	6-Oct-05	**548**	28.6	**109**	26.8
MW-6	25-Apr-06	101		25.4	
MW-6	4-Oct-06	86.6	80.8	16.4	

Table 4c
Detected Constituents - Semi-Volatile Organic Compounds
Stoney Mountain Road Landfill
Hendersonville, North Carolina

Monitor Well	Sample Date	2,4-Dimethylphenol	2-Methylphenol	3&4-Methylphenol	Phenol
NC Standard		**140**	**NS**	**35**	**300**
MW-7	5-Dec-94	NA	NA	NA	NA
MW-7	14-Feb-95	NA	NA	NA	NA
MW-7	3-Apr-95	NA	NA	NA	NA
MW-7	30-Oct-95	NA	NA	NA	
MW-7	8-Apr-96	NA	NA	NA	NA
MW-7	29-May-96	NA	NA	NA	NA
MW-7	6-Jun-96	NA	NA	NA	NA
MW-7	24-Oct-96	NA	NA	NA	
MW-7	15-Apr-97	NA	NA	NA	NA
MW-7	29-Oct-97				
MW-7	14-May-98				
MW-7	11-Nov-98				
MW-7	4-Jun-99				
MW-7 (dup)	4-Jun-99				
MW-7	29-Oct-99				
MW-7 (dup)	29-Oct-99				
MW-7	20-Apr-00				
MW-7	7-Nov-00				
MW-7	15-May-01				
MW-7 (dup)	15-May-01				
MW-7	16-Oct-01				
MW-7 (dup)	16-Oct-01				
MW-7	24-Apr-02				
MW-7	2-Oct-02				
MW-7 (dup)	2-Oct-02				
MW-7	10-Apr-03				
MW-7	21-Oct-03				
MW-7	24-Mar-04				
MW-7	26-Oct-04				
MW-7	25-May-05				
MW-7	5-Oct-05				
MW-7	25-Apr-06				
MW-7 (dup)	25-Apr-06				
MW-7	5-Oct-06				
MW-8	5-Dec-94	NA	NA	NA	NA
MW-8	14-Feb-95	NA	NA	NA	NA
MW-8	3-Apr-95	NA	NA	NA	NA
MW-8	30-Oct-95	NA	NA	NA	
MW-8	8-Apr-96	NA	NA	NA	NA
MW-8	29-May-96	NA	NA	NA	NA
MW-8	6-Jun-96	NA	NA	NA	NA
MW-8	24-Oct-96	NA	NA	NA	
MW-8	15-Apr-97	NA	NA	NA	NA
MW-8	29-Oct-97				
MW-8	14-May-98				
MW-8	11-Nov-98				
MW-8	4-Jun-99				
MW-8	29-Oct-99				
MW-8	20-Apr-00				
MW-8	7-Nov-00				
MW-8 (dup)	7-Nov-00				
MW-8	15-May-01				
MW-8	16-Oct-01				
MW-8	24-Apr-02				
MW-8	1-Oct-02				
MW-8	10-Apr-03				
MW-8	21-Oct-03				
MW-8 (dup)	21-Oct-03				
MW-8	24-Mar-04				
MW-8	26-Oct-04				
MW-8	5-Oct-05				
MW-8 (dup)	5-Oct-05				
MW-8	25-Apr-06				
MW-8	4-Oct-06				

Table 4c
Detected Constituents - Semi-Volatile Organic Compounds
Stoney Mountain Road Landfill
Hendersonville, North Carolina

Monitor Well	Sample Date	2,4-Dimethylphenol	2-Methylphenol	3&4-Methylphenol	Phenol
NC Standard		**140**	**NS**	**35**	**300**
MW-9	5-Dec-94	NA	NA	NA	NA
MW-9	14-Feb-95	NA	NA	NA	NA
MW-9	3-Apr-95	NA	NA	NA	NA
MW-9	30-Oct-95	NA	NA	NA	
MW-9	8-Apr-96	NA	NA	NA	NA
MW-9	29-May-96	NA	NA	NA	NA
MW-9	6-Jun-96	NA	NA	NA	NA
MW-9	24-Oct-96	NA	NA	NA	
MW-9	15-Apr-97	NA	NA	NA	NA
MW-9	29-Oct-97				
MW-9	14-May-98				
MW-9	11-Nov-98				
MW-9	4-Jun-99				
MW-9	29-Oct-99				
MW-9	20-Apr-00				
MW-9 (dup)	20-Apr-00				
MW-9	7-Nov-00				
MW-9	15-May-01				
MW-9	16-Oct-01				
MW-9	24-Apr-02				
MW-9 (dup)	24-Apr-02				
MW-9	1-Oct-02				
MW-9	10-Apr-03				
MW-9 (dup)	10-Apr-03				
MW-9	21-Oct-03				
MW-9	24-Mar-04				
MW-9 (dup)	24-Mar-04				
MW-9	26-Oct-04				
MW-9	25-May-05				
MW-9 (dup)	25-May-05				
MW-9	5-Oct-05				
MW-9	25-Apr-06				
MW-9	5-Oct-06				
MW-9 (dup)	5-Oct-06				
AMW-1s	20-Apr-00				15
AMW-1s	24-Apr-02				
AMW-1s	2-Oct-02				
AMW-1s	9-Apr-03				
AMW-1s	21-Oct-03				
AMW-1s	25-Mar-04				
AMW-1s	27-Oct-04				
AMW-1s	25-May-05				
AMW-1s	6-Oct-05				
AMW-1s	26-Apr-06				
AMW-1s	4-Oct-06				
AMW-1d	16-Oct-01				
AMW-1d	24-Apr-02				
AMW-1d	2-Oct-02				
AMW-1d	9-Apr-03				
AMW-1d	21-Oct-03				
AMW-1d	25-Mar-04				
AMW-1d	27-Oct-04				
AMW-1d	25-May-05				
AMW-1d	6-Oct-05				
AMW-1d	26-Apr-06				
AMW-1d	4-Oct-06				

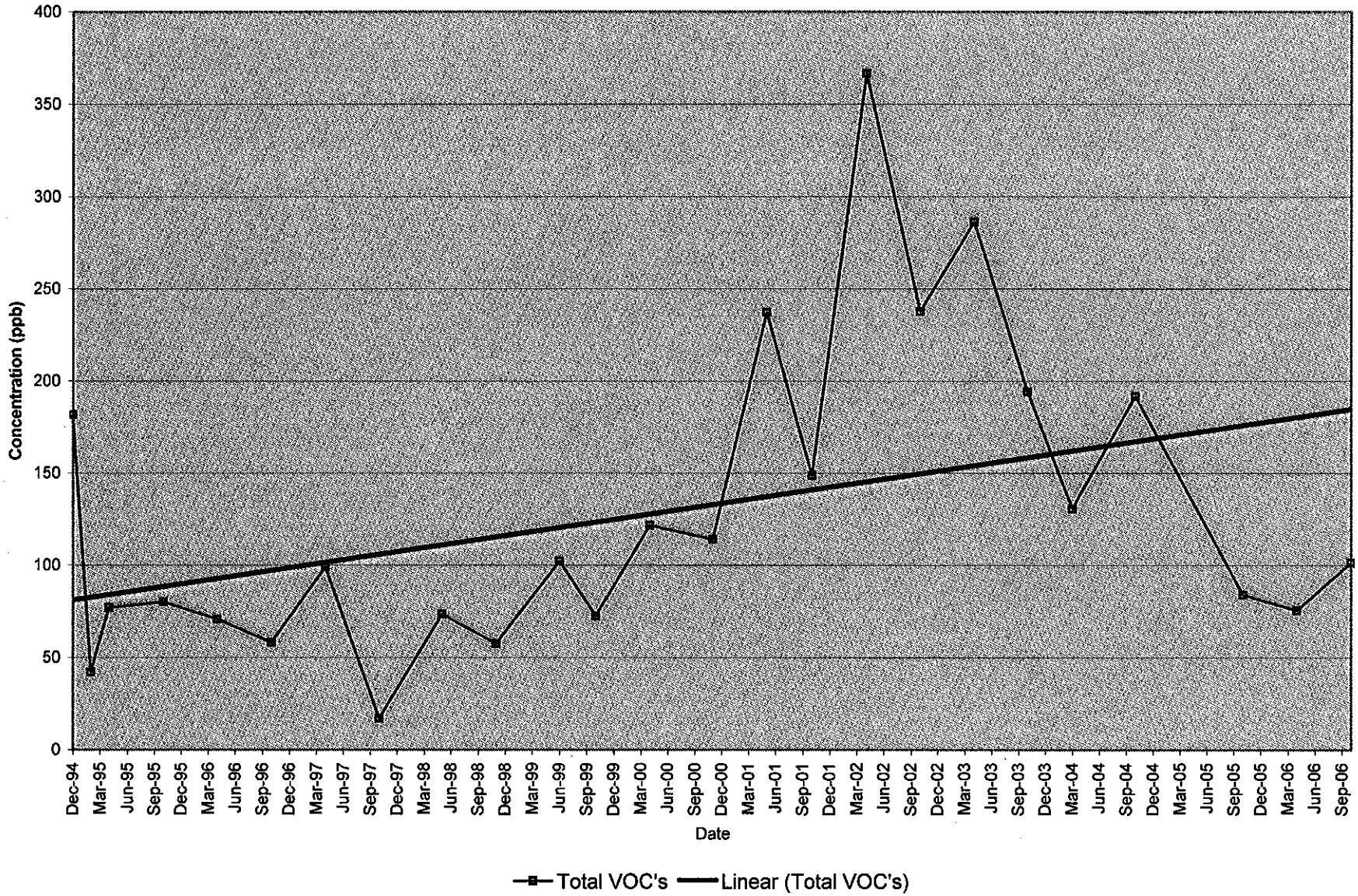
NOTES:
All units are in micrograms per liter (parts per billion)
Shaded area indicates concentration exceeds NC2L Standard.
NS = No Standard
NA = Not Analyzed
< Less than laboratory detection limit
MW-8 was not sampled during the May 2005 sampling event due to a bent casing.

Table 4d
Detected Surface Water Constituents - Metals
Stoney Mountain Road Landfill
Hendersonville, North Carolina

Monitor Well	Sample Date	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Cyanide, Total	Lead	Mercury	Nickel	Selenium	Silver	Sulfide	Thallium	Tin	Vanadium	Zinc
NC 2B Standard		**NS**	**0.05**	**NS**	**0.0065**	**0.002**	**0.05**	**NS**	**0.007**	**0.005**	**0.025**	**0.000012**	**0.088**	**0.005**	**0.00006**	**NS**	**NS**	**NS**	**NS**	**0.05**
BR#1	5-Dec-94									NA		NA				NA		NA		0.016
BR#1	14-Feb-95			0.131				0.011		NA		NA				NA		NA		0.03
BR#1	3-Apr-95									NA		NA				NA		NA		0.01
BR#1	30-Oct-95																			
BR#1	8-Apr-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BR#1	29-May-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BR#1	6-Jun-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BR#1	24-Oct-96									NA		NA				NA		NA		0.028
BR#1	15-Apr-97			0.13				0.004		NA		NA		**0.018**		NA		NA		0.02
BR#1	29-Oct-97	0.018	**0.019**	0.4	**0.009**	**0.011**	0.01	NA		NA	**0.028**	NA		**0.026**	**0.002**	NA	0.206	NA		0.02
BR#1	14-May-98									NA		NA				NA		NA		
BR#1	11-Nov-98									NA		NA				NA		NA		
BR#1	4-Jun-99									NA		NA				NA		NA		
BR#1	29-Oct-99									NA		NA				NA		NA		
BR#1	20-Apr-00					0.0015				NA		NA				NA		NA		
BR#1	7-Nov-00	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BR#1	16-Oct-01									NA						NA		NA		
BR#1	24-Apr-02					0.0015				NA		NA				NA		NA		
BR#1	1-Oct-02									NA		NA				NA		NA		
BR#1	10-Apr-03									NA	0.0185	NA				NA		NA		**0.0827**
BR#1	21-Oct-03									NA		NA				NA		NA		
BR#1	24-Mar-04									NA		NA				NA		NA		
BR#1	27-Oct-04									NA		NA				NA		NA		
BR#1	25-May-05									NA		NA				NA		NA		
BR#1	5-Oct-05									NA						NA		NA		
BR#1	25-Apr-06									NA						NA		NA		
BR#1	4-Oct-06									NA						NA		NA		
BR#2	5-Dec-94									NA	**0.038**	NA				NA		NA		0.027
BR#2	14-Feb-95									NA	0.005	NA				NA		NA		**0.3**
BR#2	3-Apr-95									0.011		NA				NA		NA		
BR#2	30-Oct-95		0.012																	0.011
BR#2	8-Apr-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BR#2	29-May-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BR#2	6-Jun-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BR#2	24-Oct-96									NA	0.11	NA				NA		NA		
BR#2	15-Apr-97			0.22				0.001		NA		NA			0.0002	NA		NA		0.02
BR#2	29-Oct-97						0.001	NA		NA		NA				NA	0.001	NA		
BR#2	14-May-98									NA		NA				NA		NA		
BR#2	11-Nov-98									NA		NA				NA		NA		
BR#2	4-Jun-99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR#2	29-Oct-99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR#2	20-Apr-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR#2	7-Nov-00	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
BR#2	21-Oct-03									NA		NA				NA		NA		
BR#2	24-Mar-04									NA		NA				NA		NA		
BR#2	25-May-05									NA		NA				NA		NA		
BR#2	5-Oct-05			4.31	0.00407	**0.111**				NA	**0.242**					NA		NA	0.0605	**0.487**
BR#2	25-Apr-06									NA						NA		NA		
BR#2	4-Oct-06									NA						NA		NA		
BR#3	5-Dec-94									NA	0.008	NA				NA		NA		0.026
BR#3	14-Feb-95	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BR#3	3-Apr-95									NA		NA				NA		NA		0.021
BR#3	30-Oct-95																			0.031
BR#3	8-Apr-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BR#3	29-May-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BR#3	6-Jun-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BR#3	24-Oct-96									NA		NA				NA		NA		0.016
BR#3	15-Apr-97									NA		NA				NA		NA		0.04
BR#3	29-Oct-97							NA		NA		NA				NA	0.002	NA		
BR#3	14-May-98									NA		NA				NA		NA		
BR#3	11-Nov-98									NA		NA				NA		NA		**0.144**
BR#3	4-Jun-99									NA		NA				NA		NA		**0.118**
BR#3	29-Oct-99									NA		NA				NA		NA		
BR#3	20-Apr-00					0.0017				NA		NA				NA		NA		**0.394**
BR#3	7-Nov-00									NA		NA				NA		NA		
BR#3	16-Oct-01			0.111						NA				**0.01**		NA		NA		0.026
BR#3	24-Apr-02					0.0012		0.0107		NA		NA				NA		NA		**0.132**
BR#3	1-Oct-02							0.0107		NA		NA				NA		NA		
BR#3	10-Apr-03									NA		NA				NA		NA		
BR#3	21-Oct-03									NA		NA				NA		NA		
BR#3	25-Mar-04									NA		NA				NA		NA		
BR#3	27-Oct-04		0.0117							NA	0.0116	NA				NA		NA		
BR#3	25-May-05									NA		NA				NA		NA		
BR#3	5-Oct-05									NA						NA		NA		
BR#3	25-Apr-06					0.00115				NA						NA		NA		**0.107**
BR#3	4-Oct-06									NA						NA		NA		
SW#1	5-Dec-94									NA	0.007	NA				NA		NA		0.04
SW#1	14-Feb-95									NA	0.007	NA				NA		NA		0.071
SW#1	3-Apr-95									NA		NA				NA		NA		0.051
SW#1	30-Oct-95															0.1				
SW#1	8-Apr-96									NA		NA				NA		NA		0.04
SW#1	29-May-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW#1	6-Jun-96	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SW#1	24-Oct-96									NA		NA				NA		NA		0.013
SW#1	15-Apr-97	0.005								NA		NA		**0.008**	**0.0003**	NA		NA		0.03
SW#1	29-Oct-97							NA		NA		NA				NA	0.001	NA		
SW#1	14-May-98									NA		NA				NA		NA		
SW#1	11-Nov-98									NA		NA				NA		NA		
SW#1	4-Jun-99									NA		NA				NA		NA		
SW#1	29-Oct-99									NA		NA				NA		NA		
SW#1	20-Apr-00					0.0012				NA		NA				NA		NA		
SW#1	7-Nov-00									NA		NA				NA		NA		
SW#1	15-May-01									NA		NA				NA		NA		
SW#1	16-Oct-01									NA						NA		NA		
SW#1	24-Apr-02					0.0015				NA		NA				NA		NA		
SW#1	1-Oct-02									NA		NA				NA		NA		
SW#1	9-Apr-03									NA		NA				NA		NA		0.063
SW#1	21-Oct-03									NA		NA				NA		NA		
SW#1	25-Mar-04									NA		NA				NA		NA		
SW#1	27-Oct-04									NA		NA				NA		NA		
SW#1	25-May-05									NA		NA				NA		NA		
SW#1	6-Oct-05									NA						NA		NA		
SW#1	25-Apr-06					0.00103				NA						NA		NA		
SW#1	5-Oct-06									NA						NA		NA		

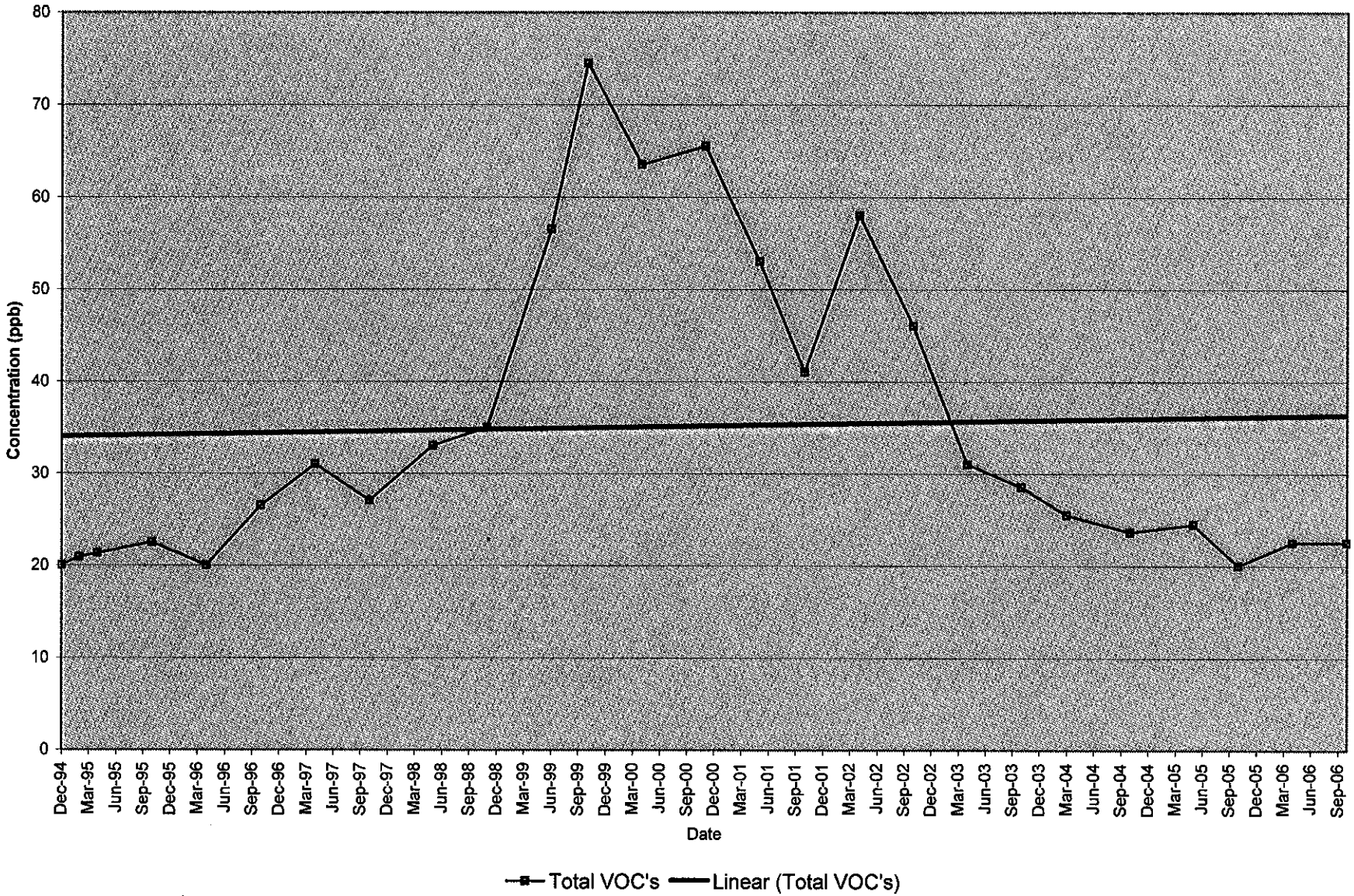
NOTES:
All units are in milligrams per liter (parts per million).
Standards obtained from section 15A NCAC 02B .0211 Fresh Surface Water Quality Standards for Class C Waters
Shaded area indicates concentration exceeds NC2B Standards
NS = No Standard
NA = Not Analyzed

Figure 2
MW-8
Total VOC's Concentration Trend
Henderson County Landfill



CDM

Figure 3
MW-9
Total VOC's Concentration Trend
Henderson County Landfill



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